SONY®

3-074-603-**12** (1)

Network Function Operating Instructions

Registration code (for a detailed explanation of this cord, see page 28.)

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No compensation for your recordings

Any recording contents or downloaded files cannot be compensated for being lost due to redording / playback malfunction or storage media problems.

Precautions

- Before using the network function, make sure to set the clock on the camcorder. For details, refer to the operating instructions of the camcorder. If you use the network function without setting the clock, you may not be able to send / receive email, or view a web page.
- Do not remove the battery pack or disconnect the AC power adaptor while operating in NETWORK mode. The setup for the NETWORK mode may be lost. Also, exit the NETWORK mode when setting the POWER switch to OFF (CHG) or switching the mode. These are to prevent the NETWORK mode setup from being lost.
- It is recommended that you make backup copies of your email messages and your network preferences. These may be lost from time to time due to memory corruption. To save the network preferences, write them down on paper, or use "Setup memo," described (p. 108). Also, this data may be lost when the camcorder is repaired by services.
- The network function with this product is available only in the U.S.
- The reset button cannot reset the network preferences.

Note on network operation when using the battery pack

When the remaining battery time is insufficient in NETWORK mode, use the AC power adaptor or replace the battery pack with a fully charged battery pack. Before connecting the AC power adaptor or replacing the battery pack, be sure to exit the NETWORK mode.

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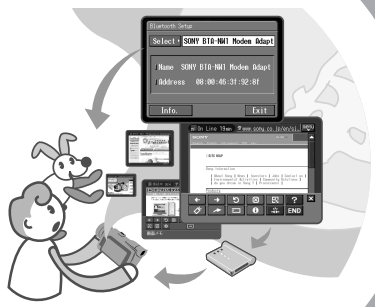
The network function on the camcorder

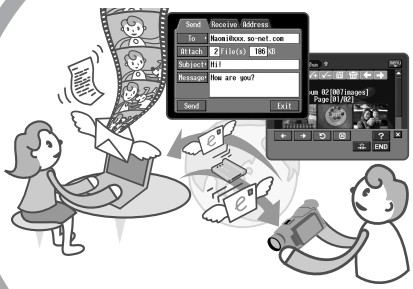
Congratulations on your purchase of this Sony Handycam. This Handycam can access to the Internet through your provider using a dial-up networking connection with a Bluetooth device. You can view web pages, receive email, and send email with images recorded on your camcorder attached. Customer registration allows you to use the “So-net” option for setting network preferences easily, as well as an “album on the Web”, your own private Internet-based photo album. The “album on the Web” uses the “ImageStation” function. The communication system is Bluetooth Ver.1.1 and its compatible Bluetooth profiles are the “Generic Access Profile” and the “Dial-up Networking Profiles”.

Easy access to the Internet



You can view a web page via the Internet.

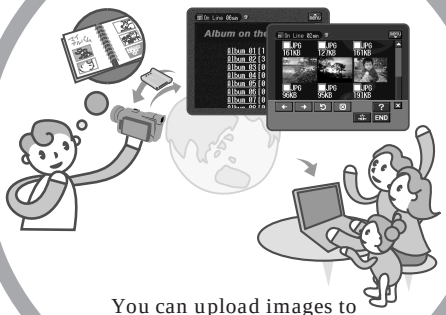
Send/receive your emails



You can send or receive email anytime, and attach images to email messages.

The network function on the camcorder

Making your album on the Web



You can upload images to your album, and view or edit your album.

Easy network preferences (So-net)

Using the “So-net” option, you can easily set the required Internet and email preferences. For details on “So-net,” see “Using the recommended provider (So-net)” (p. 32), or the supplied flyer “Getting Online with your Sony Network Handycam® camcorder.”

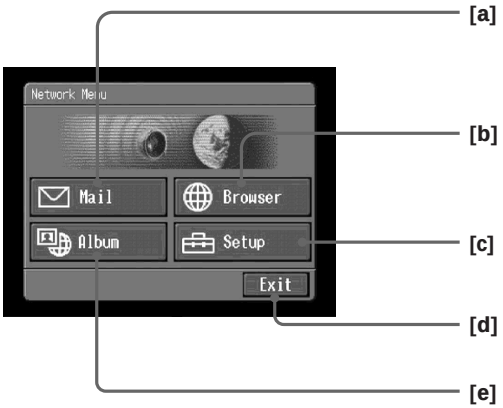
Set the camcorder’s clock setting before using the Network functions. (The default setting is OFF.)
If you do not set the clock setting, you cannot send and receive emails or view web pages.
You also have to set up your camcorder and the peripheral device, and complete required registrations (DI customer registration, etc.).
For more information, see the supplied flyer “Getting Online with your Sony Network Handycam® camcorder”.
“DI” in “DI customer ID” stands for “Digital Imaging”.

Basic operations in the NETWORK mode

This section describes basic control ways to operate your camcorder, those which are used for network operations.

How to use the Network Menu

To access the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.



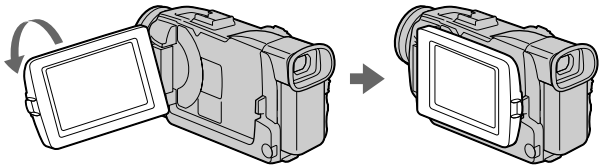
[a]: Send and receive email. For details, see “Using email” (p. 58).
[b]: View a web page through the Internet. For details, see “Viewing web pages” (p. 82).
[c]: You have to make various settings using this menu before using the network function. For details, see “Setting network preferences” (p. 34).
[d]: Exit the NETWORK mode.
[e]: Upload images to your album on the Web and post the images on the Internet. For details, see “Making your album on the Web” (p. 45).

The actual screens may differ slightly from the illustrations in this network function operating instructions.

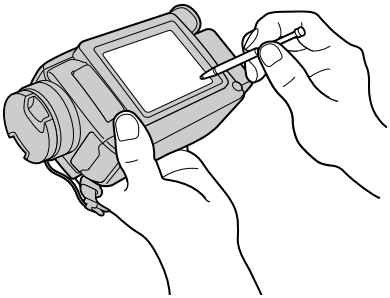
How to hold your camcorder when operating in the NETWORK mode

When operating in the NETWORK mode, you can turn the LCD panel over and move it back to your camcorder with the LCD screen facing over to use the stylus (for touch panel operation, supplied).

1 Turn the LCD panel over and move it back to your camcorder with the LCD screen facing over.



2 Hold your camcorder as illustrated below.



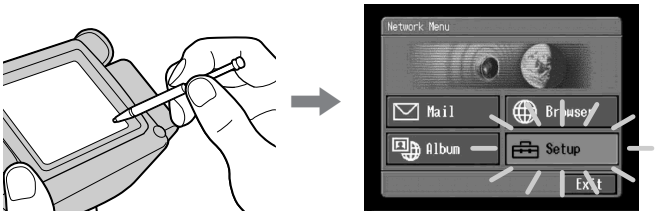
The way to hold and operate your camcorder varies depending on the model. For detail, refer to the “Operating Instructions” supplied with your camcorder.

How to use the stylus

The buttons required for operating your camcorder are displayed on the LCD screen. Operate by pressing the buttons on the screen directly but lightly with the stylus provided. In this manual, pressing the buttons in this way using the stylus is referred to as “tapping”.

Tap the desired button on the screen with the stylus.

The selected button turns orange.



Notes

- Do not tap them with sharp-pointed objects other than the stylus supplied.
- Do not tap the LCD screen too hard.
- Do not touch the LCD screen with wet hands.
- When the LCD screen gets dirty, use the supplied cleaning cloth.
- You cannot drag icons, like on a computer, by touching and sliding across your camcorder screen with the stylus.

- Refer to the operating instructions supplied with your camcorder for the stylus storage location. To avoid losing the stylus, we recommend that you return it to the storage location after use.

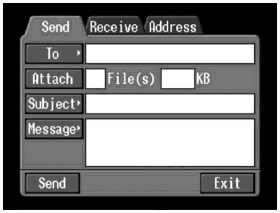
How to input characters

You have to frequently enter characters, such as email addresses, or web pages addresses (URL), to use the network function. This section describes how to input characters.

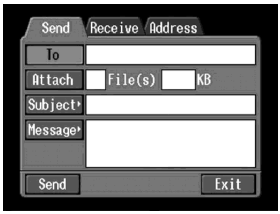
1

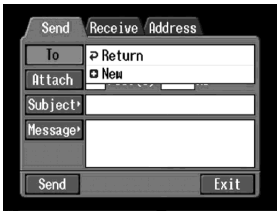
(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [Mail].
The Send screen appears.



(3) Tap [To].





(4) Tap [New].
The character input screen appears.

2 Selecting the character type

Tap [abc↔123], then tap the desired character type.

abc: When inputting alphabetical characters.
123: When inputting numerical characters.

When you selected abc

When you selected 123

3 Inputting characters

(1) Tap the character you want to input.

(2) After you input the characters, tap [Enter].
The screen which is displayed before you display the character input screen appears.

Character input display

1 **[a/A] button**
[a/A] button is displayed when you input alphabetical characters. You can switch between upper case and lower case.

2 **[abc↔123] button**
A list box appears when you tap the [abc↔123] button. Tap the desired type of letter from the list box.

3 **Input byte number/maximum byte number**

4 **Preferences**
You can change the keyboard type for alphabet input.

5 **Text area**
You can scroll up or down the display by tapping ▲ or ▼.

6 **[Space] button**
A space is entered.

7 **[Back space] button**
The letter right before the cursor is deleted. If you tap the button for about three seconds, all the characters before the cursor are deleted.

8 **[↵] button**
The cursor moves to a new line.

9 **[Enter] button**
Tap this button to decide or close the input screen.

The available characters list

When selecting [abc]

Alphabetical characters

The alphabet keyboard has 2 types (PC Style and Alphabetical order). The default setting is PC arrangement. You can change the keyboard setting in [ ]. Refer to page 17 for more information.

(PC Style)

(Alphabetical order)

a	b	c	d	e	f	g	h	i	j	k	l	m
n	o	p	q	r	s	t	u	v	w	x	y	z
A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Symbol characters

The symbol characters below are inputted by single tapping:

~	–	_	@	:

The green keys input the symbol characters.
The symbol characters change as follows:

Key	Character	
[`´^]*	a: à → á → â → a →... e: è → é → ê → e →... i: ì → í → î → i →... o: ò → ó → ô → o →... u: ù → ú → û → u →... y: ý → y →...	A: À → Á → Â → A →... E: È → É → Ê → E →... I: Ì → Í → Î → I →... O: Ò → Ó → Ô → O →... U: Ù → Ú → Û → U →... Y: Ý → Y →...
[¨˜]*	a: ä → ã → a →... e: ë → e →... i: ï → i →... n: ñ → n →... o: ö → õ → o →... u: ü → u →... y: ÿ → y →...	A: Ä → Ã → A →... E: Ë → E →... I: Ï → I →... N: Ñ → N →... O: Ö → Õ → O →... U: Ü → U →...
[' "]	' → " → ' → ...	
[? ¿]	? → ¿ → ? → ...	
[! ¡]	! → ¡ → ! → ...	
[çÇß]	ç → Ç → ß → ç →...	
[. ,]	. → , → . → ...	
[/ \]	/ → \ → / → ...	

* You can input the alphabet characters with accent symbols. When you input the characters, tap [`´^] or [¨˜] after inputting a, e, i, n, o, u, y, A, E, I, N, O, U or Y.

When selecting [123]

Symbol characters

(Numerical order)

1	2	3	+	(	)	$	€	\	%
4	5	6	–	[	]	&	^	|	~
7	8	9	/	{	}	`	”	’	,
*	0	#	=	<	>	.	:	;	_

To switch between upper and lower case alphabet letters

Tap [a / A] to change the alphabetical keyboard, then enter characters.

To delete a character

Move the cursor with the stylus to the right of the character at which you want to delete, tap [Back space]. The character at the left of the cursor is deleted.

To add a character

Move the cursor with the stylus to the position at which you want to add a character, then input characters.

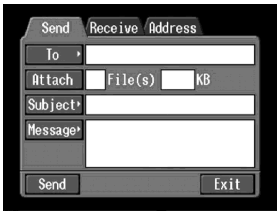
To start a new line

Tap [↵].

E.g., Enter “Hello” into the Subject item on the Send screen

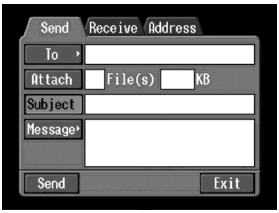
1 **(1)** Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [Mail].
The Send screen appears.

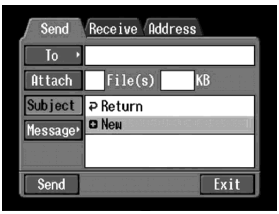


2 Entering the subject of a message

(1) Tap [Subject].



(2) Tap [New].
The character input screen appears.



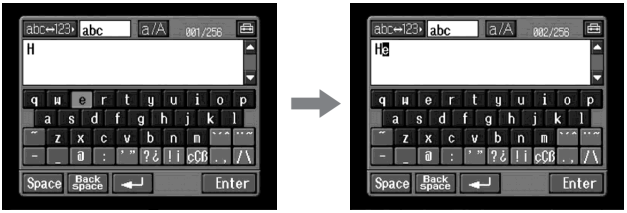
3 **(1)** Tap [abc↔123], then tap [abc].

(2) Tap [a / A] to be able to enter upper-case letters.

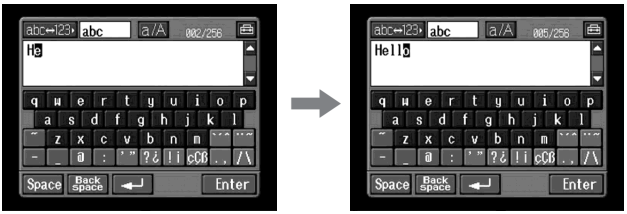
(3) Tap [H].
"H" is entered.

(4) Tap [a / A] to be able to enter lower-case letters.

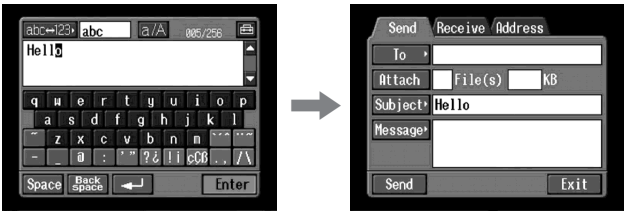
(5) Tap [e].
"e" is entered.



(6) Tap [l], [l] and [o].
"llo" is entered.



(7) Tap [Enter].
"Hello" is entered and the Send screen appears again.

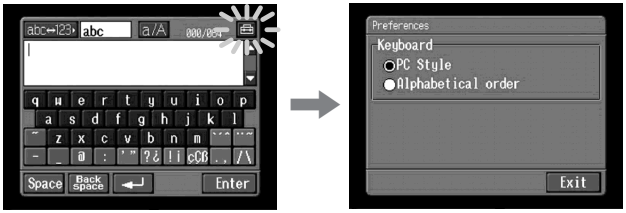


Character input setting

Keyboard

You can change the display of the alphabet, PC arrangement keyboard or ABC arrangement keyboard into a setup you want when you input characters.

1 Tap in the character input screen.



2 Tap the desired setting.

You can set as the following two displays when [abc⟷123] is set as [abc].
(PC Style is the default setting.)
– PC Style (PC arrangement keyboard)
– Alphabetical order (ABC arrangement keyboard)

PC Style

Alphabetical order

To switch the setting, tap on the upper-right LCD screen.

Using the NETWORK functions

There are three Network functions, namely album on the Web, email, and browser. To use the album on the Web and So-net, you need to complete customer registration.

“So-net” is charged service. For more information, see the supplied flyer “Getting Online with your Sony Network Handycam® camcorder”.

To fully use the function in the NETWORK mode, you have to complete the following registrations and setup tasks via your camcorder:

1 **Bluetooth device registration (p. 20)**
2 **DI customer registration (p. 28)**
3 **Album registration (p. 31)**
4 **So-net registration* (p. 33)**
5 **Network Setup (p. 34)**

* So-net registration is not necessary to use the other provider.

The above registrations can also be done on the web site using a computer. Access to the following URL:
“http://www.myimagecam.com/”

Overview of the Bluetooth wireless technology

What is the Bluetooth wireless technology?

The Bluetooth wireless technology allows communication between various Bluetooth devices without using cables. Devices which can use this technology include PCs, computer peripheral devices, PDAs, and mobile phones. This omnidirectional communication system enables communication even if the Bluetooth device is in a bag or having obstacles between the devices.
Also, the Bluetooth wireless technology has advanced security functions, such as scrambled frequencies and data encryption.

Authentication

The authentication routine can block unspecified users' access to this network. When attempting communication with an unregistered Bluetooth device, the devices must first be registered with each other by entering a common passkey to each device. When connecting with a previously registered Bluetooth device, communication starts without entering the passkey.

Registering a Bluetooth device

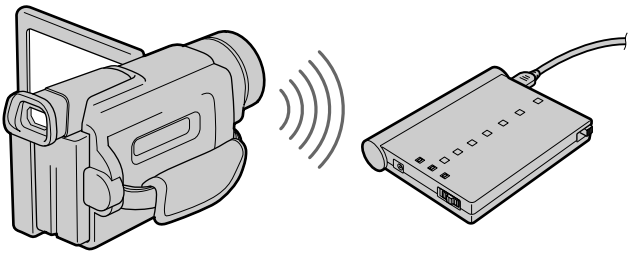
This section describes making a registration of a Bluetooth device. Here we describe the procedure for registering the Sony Modem Adaptor with Bluetooth Function. Once the registration is completed, your camcorder can connect to your Bluetooth device without reregistering the device. You can register up to three Bluetooth devices. Also, refer to the operating instructions supplied with your Bluetooth device.

For more information about Bluetooth devices compatible with your camcorder, access the following URL: “http://www.myimagecam.com/”

Notes

- When using Sony BTA-NW1/BTA-NW1A Modem Adaptor with Bluetooth Function, place it at a location that has no obstacles between your camcorder and the device. The distance between the devices must be within 10 m (33 feet).
- The connection may be interrupted depending on the communication conditions.

Using your Modem Adaptor with Bluetooth Function



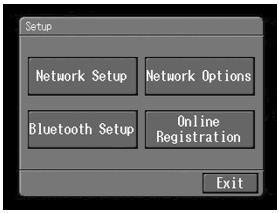
1 Preparing the Modem Adaptor with Bluetooth Function

Set the Modem Adaptor with Bluetooth Function to connection standby (BONDING). For details, refer to the operating instructions supplied with your Modem Adaptor with Bluetooth Function.

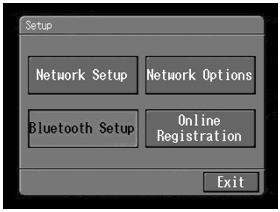
2 Specifying your Modem Adaptor with Bluetooth Function as the connection device

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

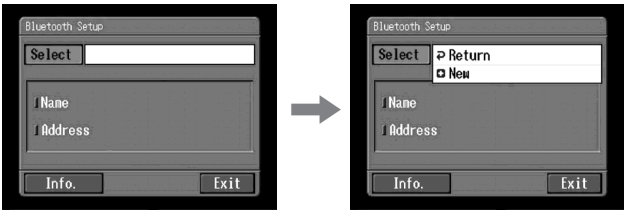
(2) Tap [Setup].
The Setup screen appears.



(3) Tap [Bluetooth Setup].
The Bluetooth Setup screen appears.



(4) Tap [Select].
The Bluetooth devices list appears. When making a registration for the first time, only [↩ Return] and [⊕ New] are indicated. The list shows up to three Bluetooth devices. You can select one of the latest used three Bluetooth devices from the list.

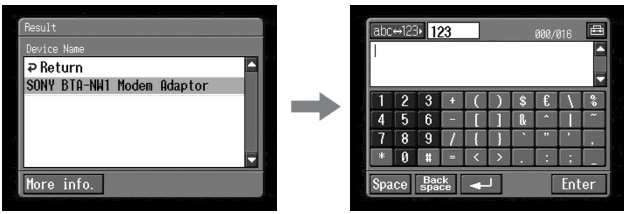


Tip
The last-used Bluetooth device is listed next to [↩ Return] and [⊕ New].

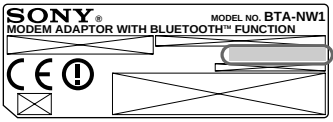
(5) Tap [⊕ New].
Your camcorder starts searching for your Bluetooth devices. When the searching is completed, the available Bluetooth devices list appears. When some Bluetooth devices with the same name appear, display each Bluetooth device address by tapping [More info.].

Notes
- The search takes from about 10 to 60 seconds. The time depends on the number of Bluetooth devices around your camcorder.
- If the Bluetooth device you want to register is not found, carry out the procedure again from step 4.

(6) Tap the desired Bluetooth device.
The character input screen appears.



(7) Enter the passkey.
For details on how to input characters, see “How to input characters” (p. 9).
For example, when using the BTA-NW1/BTA-NW1A Modem Adaptor with Bluetooth Function, the passkey is its serial number which is indicated on the label on the rear panel.

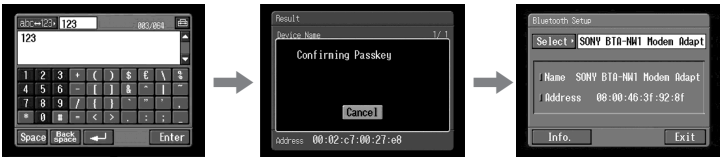


Passkey
The number used when registering a Bluetooth device

Tip on “Passkey”

The passkey is an identification number needed to allow two Bluetooth devices to communicate with each other. The connection will be permitted after entering the passkey. This “Passkey” is also referred to as a “Bluetooth passkey”, “PIN”, “Bluetooth PIN”, etc. For details, refer to the operating instructions supplied with your Bluetooth adaptor.

(8) After entering the passkey, tap [Enter].
After the registration is completed, the Bluetooth Setup screen appears again.
“Bluetooth Registration Complete” message is displayed. Tap [OK].
The selected Bluetooth device is specified.

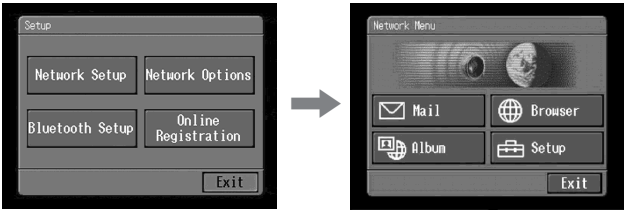


Note

When the message “Bluetooth Registration Error Check the Passkey” is indicated, tap [OK]. Carry out the procedure again from step 4.

(9) Tap [Exit].
The Setup screen appears again. For details on how to turn off the Modem Adaptor with Bluetooth Function, refer to the operating instructions supplied with your Modem Adaptor with Bluetooth Function.

(10) Tap [Exit].
The Network Menu appears again.



When the registration has failed

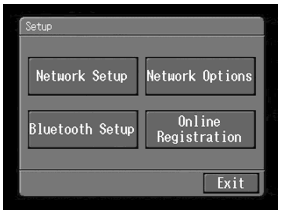
After pressing [OK], and carry out the procedure described in step 4 on page 22 again.

Displaying information on your camcorder

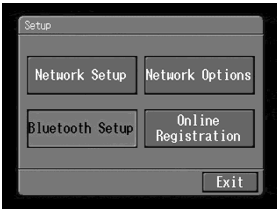
You can display your camcorder information.

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [Setup].
The Setup screen appears.



(3) Tap [Bluetooth Setup].
The Bluetooth Setup screen appears.



(4) Tap [Info.].
The Bluetooth Setup: Self information screen appears.

The model name

This is the unique address assigned to each camcorder at the factory. This address is used when exchanging information between devices. This address cannot be modified. (The number indicated on the illustration is an example number.)

To return Bluetooth Setup screen

Tap [Return].

Radio wave indication

indicates the radio wave status of the connected Bluetooth device. (Use this indication as a guide.)

Selecting other Bluetooth devices from the list

Tap the Bluetooth device you want to specify in step 4 on page 22. The device information is indicated.
Tap [Exit].

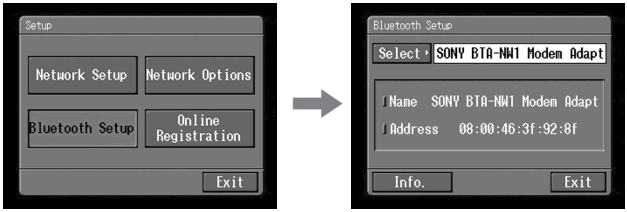
Deleting a registered Bluetooth device from the list

You can register up to three Bluetooth devices on your camcorder. When deleting a Bluetooth device from the list, follow the procedure below.

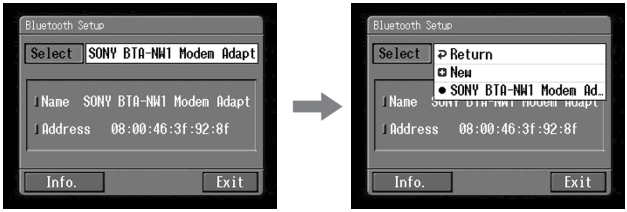
(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [Setup].
The Setup screen appears.

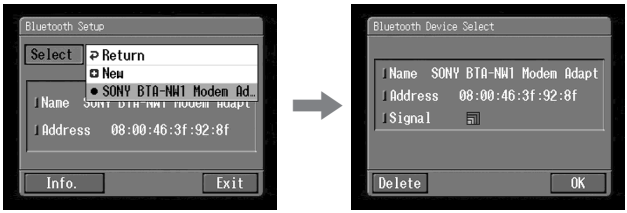
(3) Tap [Bluetooth Setup].
The Bluetooth Setup screen appears.



(4) Tap [Select].
The Bluetooth devices list appears.



(5) Tap the device you want to delete.
The device name and address of the selected device are indicated.



(6) Tap [Delete].
The selected device is deleted from the list.

Customer registration

DI customer registration

The camcorder offers network functions in addition to its basic functions. In order to take full advantage of these network functions, you should complete the DI (Digital Imaging) customer registration for the services provided. For details on services available, see the supplied flyer "Getting Online now with your Sony Network Handycam® camcorder." Before making your DI customer registration, please see "Online Privacy Policy" on page 109 and agree to the terms. For the latest information, please refer to "http://www.sel.sony.com/SEL/legal/privacy.html".

You can make your DI customer registration in one of the following ways:
① Online registration using your PC (recommended)
② Online registration using your camcorder
When you complete your DI customer registration, your DI customer ID and password are issued immediately.

Online registration using your PC

You can make your DI customer registration using your PC. The URL of the web site for online registration is "http://www.myimagecam.com/".

Online registration with your camcorder

You can make your DI customer registration with your camcorder.
For online registration using your camcorder, you must use a private line. Since the registration process is assigned a toll-free telephone number, the telephone charge for the online registration will not be charged to your telephone bill.

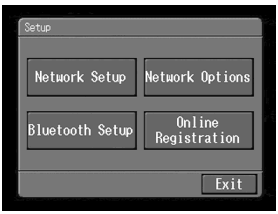
Notes

- Set up your camcorder and your Bluetooth device so that they are communicating with each other beforehand. For details, refer to "Registering a Bluetooth device" on page 20.
- It may take a significant amount of time to complete your online registration.
- Use the AC power adapter when registering online using your camcorder.
- Be sure to set up the clock of your camcorder beforehand. For details, refer to "Setting the date and time" in the operating instructions supplied with your camcorder.

The procedure for registering online with your camcorder is as follows:

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to "Accessing the network" in the operating instructions supplied with your camcorder.

(2) Tap [Setup].
The Setup screen menu appears.



(3) Tap [Online Registration].
The screen for verifying the connection appears. Tap [Connect]. Your camcorder starts connecting to the site. Once the connection is completed, the online registration screen appears. Set the Bluetooth device to connection standby using the camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.

(4) Register your information following the on-screen guidance.
When registering for the first time, tap [Registration link] from the menu.

Note
When you are registering, you will need the registration code located on the cover of your operating instructions. After entering this code, follow the on-screen guidance.

(5) After you complete your customer registration, continue on to register your album (page 31).

Note

When registering online with your camcorder, the connection may be disconnected. However, data entry can be done offline. When your camcorder needs to connect with the site, the screen for verifying the connection appears. Tap [Connect], the connection will be established again.

About the DI customer ID and password

After customer registration, album registration, or "So-net" registration has been completed, a DI customer ID and password will be displayed. The ID and password are very important, so be sure to write them down in the "Setup memo" on page 108.

Continue to "Registering your album on the Web".

Registering your album on the Web

To upload an image recorded with your camcorder to your album on the Web, you have to complete your album registration. Before registering, be sure to read "ImageStation's Privacy Policy" (p. 109) and "Member Agreement" (p. 114). If you do not agree to the terms, you cannot complete the registration.
The Album registration is done by either of the following ways:

1 Complete the album registration during your DI customer registration step
2 Complete the album registration after the DI customer registration is completed

1 Complete the album registration during your DI customer registration step

(1) Continue the album registration after completing DI customer registration. Fill in the album registration form following on-screen directions.

After the album registration is completed, continue on to the "So-net" registration screen (page 33).

2 Complete the album registration after the DI customer registration is completed

(1) Display the online registration screen following the procedure described in "Completing the online registration with your camcorder" (p. 28).
(2) Tap [Login link].
(3) Enter your DI customer ID and password, and log in.
(4) Tap [Album sign-up link].
(5) Complete the album registration following the on-screen guidance.

Tip on Member name
Your member name is a nickname used on the ImageStation web site.
Once you register your member name, that member name is indicated on your album when it is opened using a computer, and it is also used on your invitation card.

Tip
- If you do not have email address, complete registering "So-net" before registering your album on the Web.
- To cancel your album registration, then tap [menu] on the upper-right LCD screen, and tap [END] in the menu bar. For detail on how to display menu bar, refer to page 84.

Internet service provider

To access the Internet, you have to sign-up with an Internet service provider (ISP). The provider acts as an intermediary between your camcorder and the Internet. After you sign-up with a provider; you can view various web pages through the Internet, you can send and receive email using your email address. The email address is a destination address in email transmission. Also, various other services may be available depending on your provider.

Notes

- A credit card may be required to sign-up with some providers.
- The connection fee depends on your provider.

Using the recommended provider (So-net)

"So-net" is an Internet service provider. For details on the services of "So-net", see the supplied flyer "Getting Online with your Sony Network Handycam® camcorder."

The "So-net" option makes it easy to set the Internet and email preferences. Once you complete your DI customer registration, you can get your DI customer ID and password. Entering your DI customer ID, password, and the telephone number of an access point, you can access the Internet right away.

Using the other provider

When using an ordinary provider or when not using the "So-net" option, you have to set the Internet and email preferences. For details on setup, see "Setting network preferences" (p. 34).

Note

You cannot use the network function when using a provider that requires its own exclusive browser software.

Registering with “So-net”

You can complete your online registration with “So-net” using your camcorder. You can also sign up with “So-net” in your DI customer registration step. The “So-net” registration is done by either of the following ways:

1 Register for “So-net” in your DI customer registration step
2 Register for “So-net” after the DI customer registration is completed

1 Register for “So-net” in your DI customer registration step

(1) Fill in “So-net” registration form following on-screen directions.
(2) After completing registration, tap END in the menu bar.

2 Register for “So-net” after the DI customer registration is completed

(1) Display the online registration screen following the procedure described in “Online registration with your camcorder” (p. 28).
(2) Tap [Login link].
(3) Enter your DI customer ID and password, and log in.
(4) Tap [So-net sign-up link].
(5) Input necessary items for registering “So-net” as following message on the screen.

You can search information about access point on the registration web site. For details, see the supplied flyer “Getting Online with your Sony Network Handycam® camcorder.”

Tip

- Be sure to make a note of telephone numbers of access points indicated on the screen on the “Setup Menu” (p. 108).
- To cancel registering with “So-net”, then tap the menu button menu on the upper-right LCD screen, and tap END in the menu bar.
  For detail on how to display the menu bar, refer to page 84.

Setting network preferences

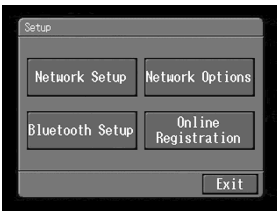
You have to access the Internet to make your album on the Web, view web pages, or send or receive your email. This section describes how to set network preferences to access the Internet.

Entering your DI customer ID and password

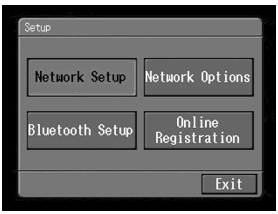
Enter the DI (Digital Imaging) customer ID and password you obtained as a result of your DI customer registration. This setup is required to use the "So-net" option and make your album on the Web.

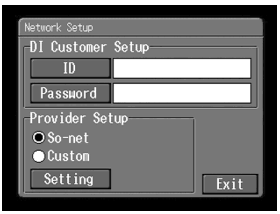
(1) Open the Network Menu.
For details on how to open the Network Menu, refer to "Accessing the network" in the operating instructions supplied with your camcorder.

(2) Tap [Setup].
The Setup screen appears.

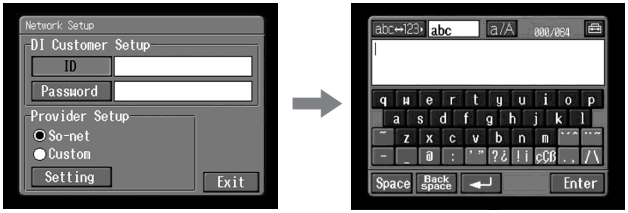


(3) Tap [Network Setup].
The Network Setup screen appears.



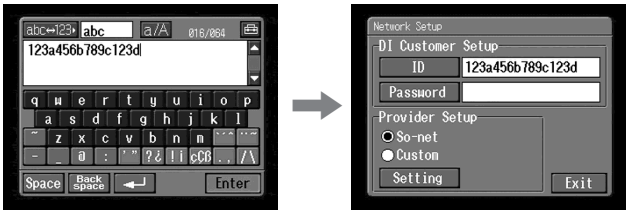


(4) Tap [ID].
The character input screen appears.

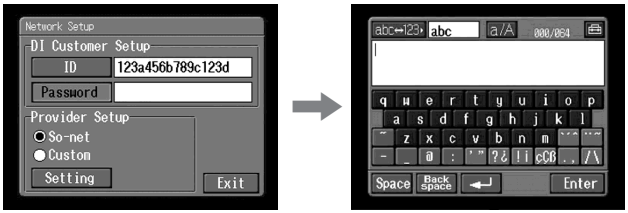


(5) Enter your DI customer ID.
For details on how to input characters, see “How to input characters” (p. 9).

(6) Tap [Enter].
The Network Setup screen appears again.



(7) Tap [Password].
The character input screen appears.

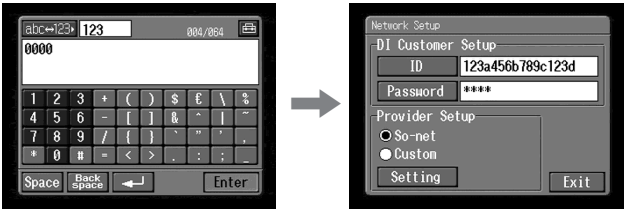


(8) Enter your password.
For details on how to input characters, see “How to input characters” (p. 9).

Note

When you check the item “Verify Password” in the Network Options screen, you cannot enter your password. If you try to enter it, the message “Password Already Set Check the Password Profile” appears.

(9) Tap [Enter].
The Network Setup screen appears again.



Tip
While inputting password characters, they are visible as they are. However, after it has been entered, each character is indicated as "*". If you enter your password again, delete all "*" before entering the password.

(10) Tap [Exit].
The setup of the DI customer ID and password are complete, and the Setup screen appears again.

Setting your provider preferences

When using "So-net" carry out the following procedures:
"1 "So-net" setting"
"2 Entering the telephone numbers of your access points"
"4 Setting other preferences"

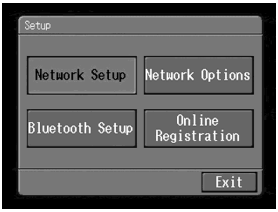
When using the other provider, carry out the following procedures:
"3 Setting your provider preferences manually"
"4 Setting other preferences"

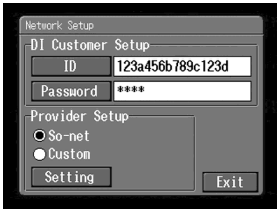
Tip
Even if you do not set up the items described in "4 Setting other preferences," you can access the Internet by using the default setting.

Tip on password
When you check the item "Verify Password" on the Network Options screen, you have to enter your password whenever you connect to your Internet service provider. For details, see "4 Setting other preferences"

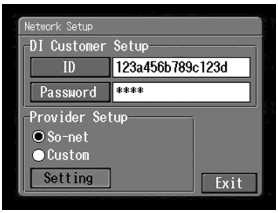
1 "So-net" settings

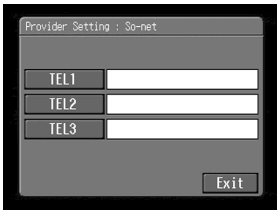
(1) Tap [Network Setup].
The Network Setup screen appears.
The default setting is "So-net".





(2) Tap [Setting].
The Provider Setting: So-net screen appears.





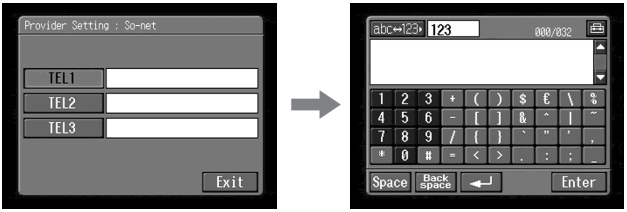
Go to "2 Entering the telephone numbers of your access points" on page 38.

2 Entering the telephone numbers of your access points

This setup is only for those using "So-net". For more information on the telephone numbers of access points, see the supplied flyer "Getting Online with your Sony Network Handycam® camcorder."

Tip on access points
"So-net" installs access points in various areas. We recommend that you select the most convenient access point which allows you to obtain the lowest telephone charges.

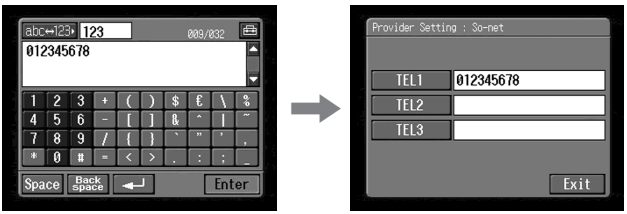
(1) Tap [TEL1].
The character input screen appears.



(2) Enter the telephone number of your access point.
For details on how to input characters, see "How to input characters"(p. 9).

Note
Do not insert hyphens or spaces in the telephone number. (e.g. 12345678)

(3) Tap [Enter].
The Provider Setting: "So-net" screen appears again.



Tip
You can also register the telephone numbers of access points into [TEL2] and [TEL3]. If necessary, enter the numbers into [TEL2] and [TEL3].

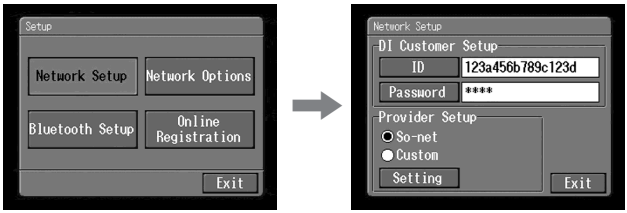
(4) Tap [Exit].
The telephone number registration is complete.

Go to 4 "Setting other preferences" (p. 42).

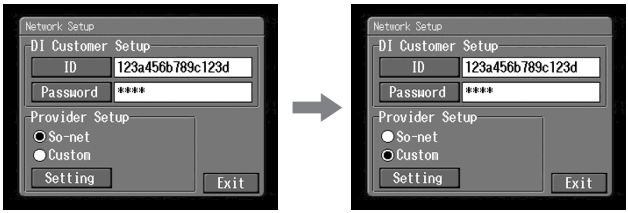
3 Setting your provider preferences manually

If you have already made the So-net settings, you do not need to make the following settings.

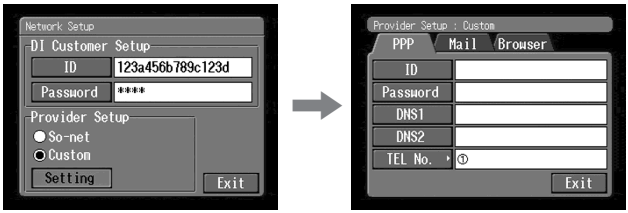
(1) Tap [Network Setup].
The Network Setup screen appears.



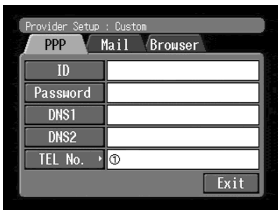
(2) Tap [Custom].
○ is checked and changes to ◉.



(3) Tap [Setting].
The Provider Setup: Custom screen appears.



(4) Tap [PPP].



(5) Set up the following items:

ID: Enter the login name you use for accessing your provider using a dial-up connection. This "ID" is also referred to as a "user ID", "login name", "PPP login name", "network ID", "account name", "logon name", "user name", etc.

Password: Enter the password you use for accessing your provider using a dial-up connection. (Dial-up connection → Glossary (p. 107))
This "Password" is also referred to as a "PPP password", "network password", "connection password", etc.

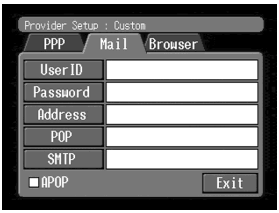
DNS1: Enter the DNS (Domain Name System) server address of your provider.
- This "DNS1" is also referred to as a "name server", "primary DNS server", "primary name server", etc.
- This entry may be unnecessary, depending on your provider. For details, consult your provider.

DNS2: Enter the secondary DNS server address of your provider, if necessary.
- This "DNS2" is also referred to as a "secondary DNS server", etc.
- This entry may be unnecessary, depending on your provider. For details, consult your provider.

TEL No. ①: Enter the telephone number of your most convenient access point. (Access point → "Glossary" (p. 106))

TEL No. ②/TEL No. ③: Enter the second and third telephone numbers, if necessary.

(6) Tap [Mail].
The Mail preference screen appears.



(7) Set up the following items:

User ID: Enter the user ID name you use for your provider.

Password: Enter the password of your user ID for accessing the POP server. Your user ID and password are required to use email. This "Password" is also referred to as a "mail password", "mail server password", etc.

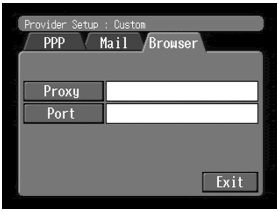
Address: Enter your email address. This "Address" is also referred to as a "mail address", "email address", etc.

POP Server: Enter the POP (Post Office Protocol) server address of your provider. The POP server is for receiving email. This "POP Server" is also referred to as a "mail server", "POP3 server", etc.

SMTP Server: Enter the SMTP (Simple Mail Transfer Protocol) server address of your provider. The SMTP server is for sending email. This "SMTP Server" is also referred to as a "mail server", "SMTP mail server", etc. The SMTP server may be the same as the POP server, depending on the provider.

APOP: Select whether you want to use APOP. (APOP → "Glossary" (p. 106))

(8) Tap [Browser].
The Browser screen appears.



(9) Set up the following items:
Proxy: Enter the proxy server address of your provider.
Port: Enter the port number of the proxy server of your provider.
This entry may be unnecessary, depending on your provider. For details, consult your provider.

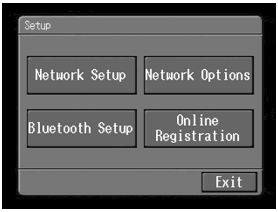
(10) Tap [Exit].
The setup is completed, and the Network Setup screen appears again.

(11) Tap [Exit].
The Setup screen appears again.

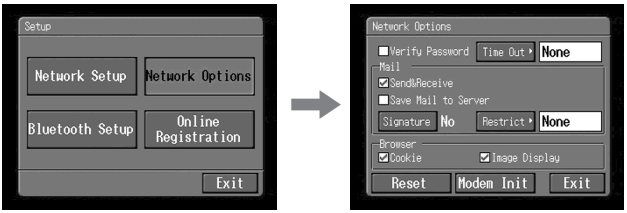
4 Setting other preferences

You can access the Internet with your camcorder using the default settings. It is not necessary to make the following settings. This example is provided to show you how to make changes, if necessary, in the future.

(1) Display the Setup screen.



(2) Tap [Network Options].
The Network Options screen appears.



(3) Set up the following items:

Verify Password: Select whether password entry is required when you access your provider. When you check this item, your password on the PPP screen is deleted. You have to enter your DI customer ID and password for accessing your album on the Web, or enter your password for accessing your provider each time you try to make a connection. This can prevent other persons from connecting to your provider using your ID.

Note

When this item is checked:

– You cannot set your DI customer ID password and your password for accessing your provider.
– You cannot use your album on the Web if you set your preferences manually.

Time Out: Select whether the connection is automatically canceled if no communication is made for specific time (1 minute, 2 minutes, 5 minutes, 15 minutes, or 30 minutes).

Note

The telephone line may not be disconnected automatically depending on web pages. In this case, disconnect the telephone line manually (p. 95).

Mail

Send&Receive: Select whether to check the email inbox after sending email.

Restrict: Select whether to skip an email message if its file size is more than 50 KB, 200 KB, or 500 KB.

Save Mail to Server: Select whether to keep copies of the messages on the server.

Note

If you try to receive email without checking this item, email messages may not be downloaded and **may be lost from your server**, depending on the type of email you receive. For details, see "Note on "Save Mail to Server"" (p. 44).

Signature: Set up this item when you want to attach your signature to email (p. 67).

Browser

Cookie: Select whether to accept a cookie. When you do not want to send your personal information, do not check this item. This item is checked at the default setting.

Image Display: Select whether to display images on the screen when viewing a web page. This item is checked at the default setting.

Reset: Reset all the items on the Network Options screen except "Signature" and "Modem Init."

Note

A verification message does not appear when you try to reset items.

Modem Init: Set up the character string to be used for modem initialization. If no setup is specified, you do not need to modify this item.

Note

If the setup is wrong, the message "Connection Error No Response From PPP Server" appears when you try to access the Internet and you will not be able to access the Internet.

(4) Tap [Exit].
The Setup screen appears again.

Note on "Save Mail to Server"

When "Save Mail to Server" is not checked, copies of email messages received will not be stored on your server. However, the following error messages described below depend on the type of email messages. See the table below.

Messages[1]	Cause and/or Corrective Actions
Memory Stick Memory Full	You tried to download email when the "Memory Stick" is already full. [2] ➔ Delete the email, and delete unnecessary email messages or image files in the "Memory Stick," then download your email again. ➔ Insert another "Memory Stick" that has sufficient memory, then download your email again.
Mail Over Size Limit	You tried to download email whose size is over the size set in the item "Restrict". [2] ➔ You can download that email using your computer, etc. ➔ Delete the email, and release the checkmark of the item "Restrict", then download that email again.
Attached Invalid File Deleted	You downloaded email that has an attached file whose file name extension is invalid. [3] ➔ The camcorder cannot receive files other than those in the JPEG or MPEG format.
Mail Over Size Limit	You downloaded an email message whose the number of characters of the message is more than 4000. [3] ➔ The camcorder cannot receive an email message that has 4 000 characters or more. [4]
Memory Stick Directory Error	➔ Insert another "Memory Stick" that has sufficient memory, then download your email again.

[1] These error messages are indicated in a message.
[2] These email messages are stored on the server even if you did not check the item "Save Mail to Server". You can retrieve that email using your computer, etc.
[3] The previously downloaded email is not stored on the server if you did not check the item "Save Mail to Server". You cannot retrieve this email using your computer, etc.
[4] For email messages that have lots of line break, the number of available characters is less than 4 000.

Making your album on the Web

You can upload still or moving images to your “album on the Web” through the Internet and post the images on your album.
The album on the Web is provided with “ImageStation.”

You can make an image album on the Web as a simplified web page and send an invitation card to invite your friends to your album.

You can also access your album on the Web with your computer. To access your album from your computer, log in to the “ImageStation” web site with your DI customer ID and password.

For more information on “ImageStation”, access the “ImageStation” web site (“http://www.imagestation.com/us/PC/”).

Uploading images to your album on the Web

Once you have an album on the Web, you can upload images to the album, and send invitation cards to your friends. This section describes how to upload your images and send invitation cards.

As for moving images, upload images within the file size constraints of “ImageStation.” For details, access the “ImageStation” web site (“http://www.imagestation.com/us/PC/”).

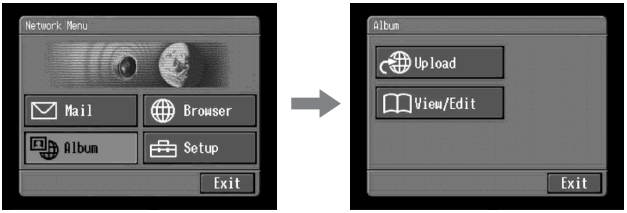
Before operation
Store the desired images in a “Memory Stick” and insert it into your camcorder.

1 Selecting an album

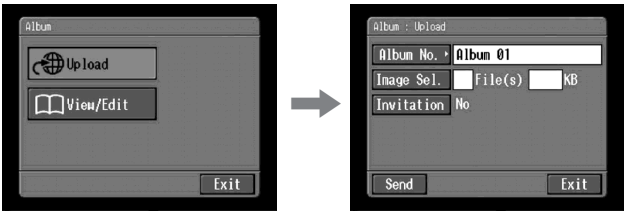
First, select an album to use to upload images.

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

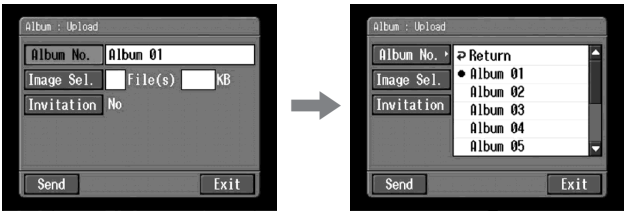
(2) Tap [Album].
The Album screen appears.



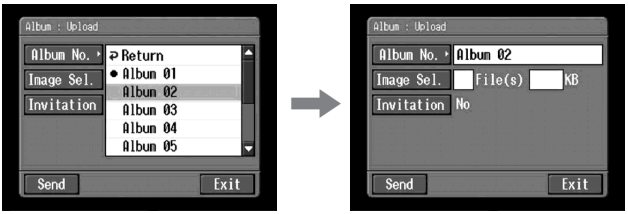
(3) Tap [Upload].
The Album: Upload screen appears.



(4) Tap [Album No.].
The album list page appears.



(5) Tap the desired album.
Selecting the album is complete.

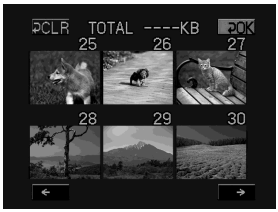


The number of prepared albums
There are 10 albums (Album 01 to 10).

2 Selecting images to upload

Next, select the images to upload.

(1) Tap [Image Sel.].
The image index list appears.



(2) Tap the desired images.
Tap the image you want to upload. The selected image is indicated by the checkmark (✓).

To page up or down the image index list

Tap [←] or [→]. The next or previous page that contains six images is displayed.

(3) Repeat step 2 to select other images.

Notes

- The total number of images you can upload is 99, and the maximum file size you can upload is up to total 3 MB.
- You can upload images to only one album once.

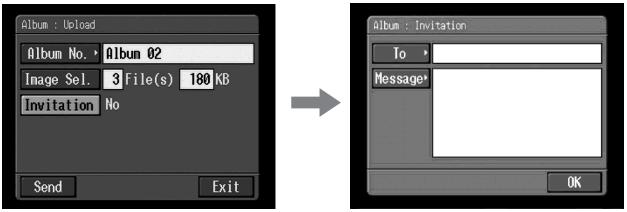
(4) Tap [↩ OK].
The Album: Upload screen appears again. The total number of selected images and total file size are indicated.

When you only want to upload images, go to “5 Uploading images” (p. 51).

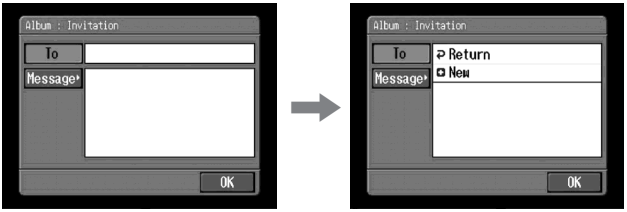
3 Sending an invitation card (email)

Select the addressee to send the invitation card (email) to.

(1) Tap [Invitation].
The Album: Invitation screen appears.



(2) Tap [To].
The address list appears. The list shows the destination addresses that are registered in the address book. For details on the address book, see “Using the address book” (p. 69).

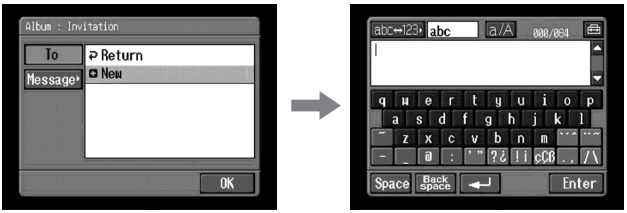


When you have selected the address listed in the address book, go to step 6.

Tips

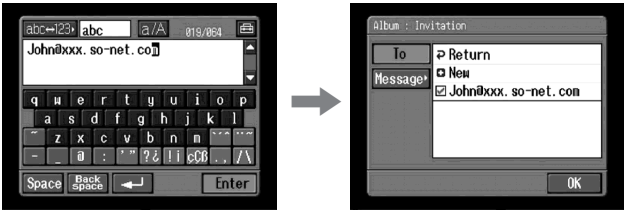
- The last-used address is listed next to New.
- Addresses are listed in historical order.

(3) Tap [New].
The character input screen appears.



(4) Enter the email address of the destination address.
For details on how to input characters, see “How to input characters” (p. 9).

(5) Tap [Enter].
The Album: Invitation screen appears again. The new email address is listed and its check box is indicated by the checkmark (☑).



(6) If you want to send the invitation card to other addressees, tap other email addresses.
The check box of the selected email address is indicated by the checkmark (☑).

(7) Tap [↩ Return].
The Album: Invitation screen appears again.

Note

If you try to send an invitation card with 50 addresses registered in the address book, the least recently used address will be deleted. The message "Address Book Full Overwrite the Data with Current Address?" appears for verification. To overwrite it, tap [OK]. Otherwise you tap [Cancel], and delete the unnecessary address from the address book, then enter a new address.

4 Entering the text of a message

Enter the text of the message. You can select the text from the message list, or edit it to suit your purposes. The list shows up to six messages.

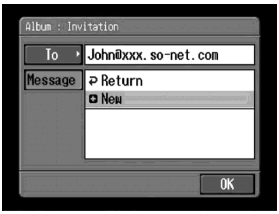
Selecting a lately used message

Tap [Message].
The message list appears.

The list shows messages that were written previously. Tap the message to select it from the list.
If you want to edit text, tap [Edit]. The character input screen appears. Go to step 3.
When desired text is selected, tap [OK]. After you select the message, go to “5 Uploading images” (p. 51).

Writing a new message

(1) Tap [New].
The character input screen appears.



(2) Enter your text.
For details on how to input characters, see “How to input characters” (p. 9).

Note
The maximum number of characters you can enter is 512.

(3) Tap [Enter].
The Album: Invitation screen appears again.

(4) Tap [OK].
The Album: Upload screen appears again.
"Yes" is indicated next to [Invitation].

5 Uploading images

(1) Tap [Send].
The screen for verifying the connection appears.
Set your Bluetooth device to connection standby with your camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.

(2) Check the telephone number.

When dialing other telephone numbers
Tap [TEL No.]. The registered telephone number list appears. Tap the desired telephone number to select it.

(3) Tap [Connect].
Your camcorder starts dialing the selected telephone number. After the uploading is completed, the message “Upload Complete” appears.

(4) Tap [OK].
The Album: Upload screen appears again.

To cancel uploading

During uploading, tap [Cancel].

To send only an invitation card (email)

You can send an invitation card without uploading images. Carry out the following procedures:
“1 Selecting an album” (p. 45)
“3 Sending an invitation card” (email) (p. 48)
“4 Entering the text of a message” (p. 50)
“5 Uploading images” (p. 51)
After the invitation card has been sent, the message “Invitation Mail Complete” appears.

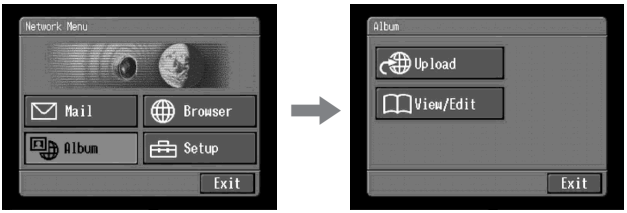
Viewing or editing your album on the Web

You can view or download images from your album on the Web.

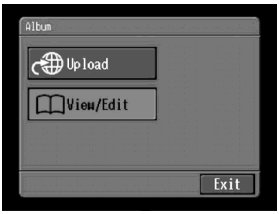
1 Viewing images

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [Album].
The Album screen appears.



(3) Tap [View / Edit].
The screen for verifying the connection appears.
Set your Bluetooth device to connection standby with your camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.



(4) Check the telephone number.

When dialing other telephone numbers
Tap [TEL No.]. The registered telephone number list appears. Tap the desired telephone number. The selected telephone number is specified.

(5) Tap [Connect].
Your camcorder starts dialing the selected telephone number. After the connection is completed, the album list page appears.

(6) Tap the album number that you want to view or edit.
The index page appears.

To see a description of each function button
Tap [?].

(7) Tap the desired image.
The image is enlarged to fill the screen.

Tips
- When you want to end viewing or editing images in your album on the Web, tap [menu] on the upper-right LCD screen, then tap [END].
- The actual screen may differ.

2 Downloading images from the album

Before operation
- Insert a “Memory Stick” into your camcorder, for storing images.
- Release the lock of the “Memory Stick.”

(1) Select the images you want to download.
You can select the images in the following two ways:

Selecting images from the index page:
You can select several images and download them at one time. For details, see “To select images from the index page” (p. 55).

Selecting an image displayed on the single-image page:
You can select the image displayed on the single-image page and download it. For details, see “To select an image displayed on the single-image page” (p. 56).

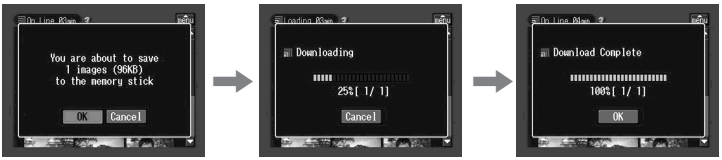
(2) Check the number of images and the total file size.

When you selected a single image

When you selected several images

To cancel downloading the images
Tap [Cancel].

(3) Tap [OK].
The message “Downloading” appears. After the downloading is completed, the message “Download Complete” appears.



(4) Tap [OK].
The index page or single-image page appears.

To cancel downloading
During downloading, tap [Cancel].

To view a downloaded image

Exit the NETWORK mode, then view the image following the same procedure as that for viewing an image recorded on a “Memory Stick.” In such cases, the file name of the still image displayed on your camcorder is indicated in the following order: 700-0001, 700-0002, 700-0003 ...

Notes

- Do not eject the “Memory Stick” during downloading.
- After completing downloading, the check mark(s) remains on selected images.
- You can download **JPG** and **MPG** files.
- When you download images modified with your computer or images recorded with other devices, your camcorder may not be able to play back the images properly.

To select images from the index page

(1) Tap the check box of the desired image.
The check box is indicated by the checkmark (☒).

(2) When you select other images, repeat step 1.

(3) Tap ⊡.
The screen for verification appears.
Set your Bluetooth device to connection standby with your camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.

To select all the images

Tap ☑+.

To cancel selecting images

Tap the check box of the image again.

To cancel all the selected images

Tap ☑.

To return to the album list page

Tap ☰.

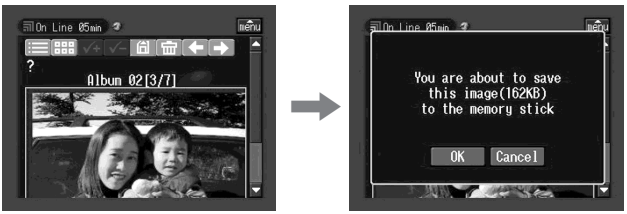
To select an image displayed on the single-image page

You can select an image displayed on the full-screen and download it.

(1) When the index page is displayed, tap the image to be enlarged.
The image is indicated on the single-image page.

(2) When you want to view other image, tap ⬅ or ➡.

(3) Tap 🔒.
The screen for verification appears.



To return to the index page

Tap ▦.

To return to the album list page

Tap ☰.

Deleting images from your album

You can delete images from your album.

To delete images displayed on the index page

You can select several images and delete them at one time. Tap [🗑] in step 3 in "To select images from the index page" (p. 55). The screen for verification appears. Tap [OK]. The index page appears again.

To delete an image displayed on the single-image page

Tap [🗑] in step 3 in "To select an image displayed on the single-image page" (p. 56). The screen for verification appears. Tap [OK]. The next image is displayed.

If the album is empty

The message "There is no pictures in this album." appears.

Return to the Album list page

Tap [☰].

Finishing viewing or editing the album

To finish viewing or editing the album, and disconnect the phone line

(1) When the menu bar is not displayed, tap [menu] on the upper-right LCD screen. The menu bar appears.

(2) Tap [END] (End).
The album is closed, then the line is disconnected.

To only disconnect the phone line

Tap [⊹] (Line Close). Only the phone line is disconnected.

Tip

When you only disconnect the phone line, you can continue to view the album displayed on the screen. If you try to download an image, delete an image, or view another album, verification appears on the screen.

Using email

This section describes the basic usage of email. Email is sent and received via the Internet. Email is very convenient; you can send email anytime, and you can also send images stored in a “Memory Stick” by attaching them to email.

Sending email

By entering the email address of the destination, you can send an email message in a moment.

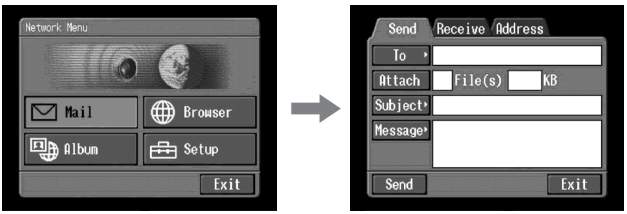
1 Specifying the destination address

Be careful to enter the address correctly.

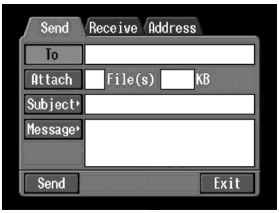
Tip
You can select the email address from the address book. For details, see “Selecting the destination address from the address book” (p. 74).

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [✉ Mail].
The Send screen appears.



(3) Tap [To].
The address list appears. The list shows the latest used six addresses that are registered in the address book. For details on the address book, see “Using the address book” (p. 69). When you have selected an address listed in the address book, go to step 7.



Tips
- The last-used address is listed next to [Return] and [New].
- Addresses are listed in historical order.

(4) Tap [New].
The character input screen appears.

(5) Enter the email address of an addressee.
For details on how to input characters, see “How to input characters” (p. 9).

(6) Tap [Enter].
The Send screen appears again. The new email address is listed and its check box is indicated by the checkmark (☑).

Tip
You can correct or edit the email address in the address book. For details on the address book, see “Editing or deleting the address book” (p. 72).

(7) If you want to send the email message to other addressees, tap other email addresses.
The check box of the tapped email address is indicated by the checkmark (☑).

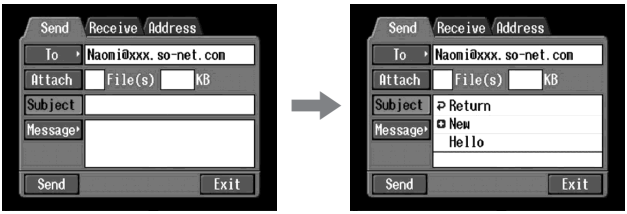
(8) Tap [↩ Return].
The Send screen appears again.

Note

If you try to send an email message with 50 addresses registered in the address book, the least recently used address will be deleted. The message "Address Book Full Overwrite the Data with Current Address?" appears for verification. When you overwrite it, tap [OK]. When you tap [Cancel], delete the unnecessary address from the address book, then enter a new address.

2 Entering the subject of a message

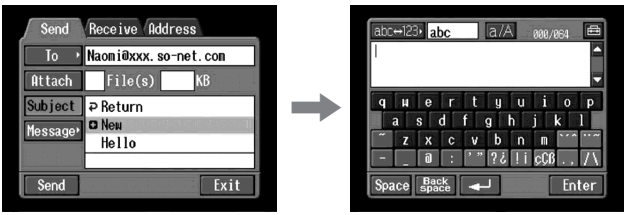
(1) Tap [Subject].
The subject list appears. The list shows the latest used six subjects.



When you want to use a subject shown on the list, tap the subject. After selecting the subject, go to "3 Entering the text of a message" (p. 62).

Tip
The last-used subject is listed next to [Return] and [New].
You cannot edit or delete the subject.

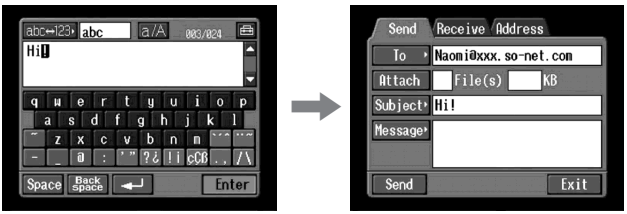
(2) Tap [New].
The character input screen appears.



(3) Enter the subject.
For details on how to input characters, see "How to input characters" (p. 9).

Note
The maximum number of characters you can enter is 24.

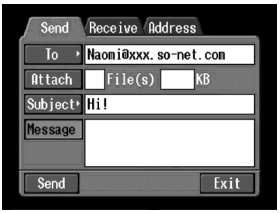
(4) Tap [Enter].
The Send screen appears again.



3 Entering the text of a message

Enter the text of the message. You can select the text from the message list, or edit it to suit your purposes. The list shows up to six messages.

(1) Tap [Message].
The message list appears.



When you select the message you wrote previously, tap the message from the list.
When you do not edit message, tap [OK]. After you select the message, go to "4 Sending email" (p. 63).
If you edit the selected text, tap [Edit]. The character input screen appears. Go to step 3.

(2) Tap [New].
The character input screen appears.

(3) Enter your message.
For details on how to input characters, see "How to input characters" (p. 9).

Note
The maximum number of characters you can enter is 512.

(4) Tap [Enter].
The Send screen appears again.

4 Sending email

Tip
You can send an email message with your signature. For details, see “Attaching your signature to a message” (p. 67).

(1) Select the image that you want to attach.
When attaching images, see “Attaching images to email” (p. 66).

(2) Check the message.
When you check or edit a message, see “Checking or editing a message” (p. 64).

(3) Tap [Send].
The screen for verifying the connection appears.
Set your Bluetooth device to connection standby with your camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.

(4) Check the telephone number.

When dialing other telephone numbers
Tap [TEL No.]. The registered telephone number list appears. Tap the desired telephone number. The selected telephone number is specified.

(5) Tap [Connect].
Your camcorder starts dialing the selected telephone number. After the sending is completed, the message “Sending Mail Complete” appears. The phone line is automatically disconnected.

(6) Tap [OK].
The Send screen appears again.

To cancel sending email

During sending, tap [Cancel].

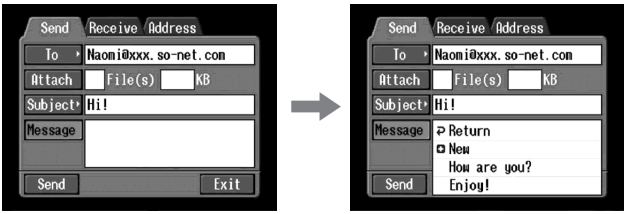
Tip

You can automatically check the email inbox after sending email. For details, see "4 Setting other preferences" (p. 42).

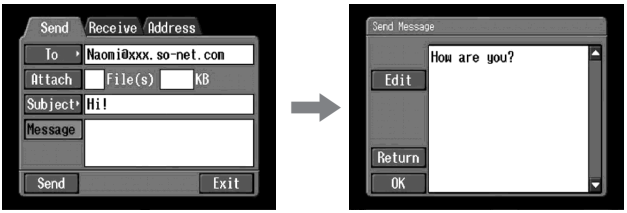
Checking or editing a message

(1) Display the Send screen.

(2) Tap [Message].
The message list appears.



(3) Tap the message you want to check or edit.
The following screen appears.

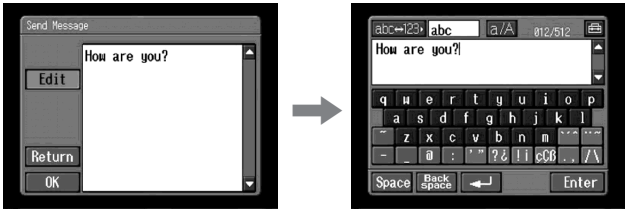


(4) Check or edit the message. When the message is long, tap the message area, then tap the scroll button ▼ to scroll the message.

When you only check the message:
After checking the message, tap [OK]. The Send screen appears again.

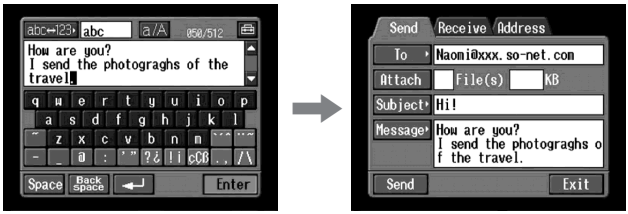
When you edit the message:
Go to step 5.

(5) Tap [Edit].
The character input screen appears.



(6) Edit the message.
For details on how to input characters, see “How to input characters” (p. 9).

(7) Tap [Enter].
The Send screen appears again.



Attaching images to email

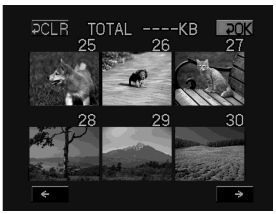
You can send images by attaching them to email messages.

Before operation

- Insert the "Memory Stick" that the desired images are stored in into your camcorder.
- Release the lock of the "Memory Stick".

(1) Follow these procedures: "1 Specifying the destination address" (p. 58), "2 Entering the subject of a message" (p. 61), and "3 Entering the text of a message" (p. 62).
The Send screen appears.

(2) Tap [Attach].
The images recorded in the "Memory Stick" are displayed.



(3) Tap the desired images.
The selected image is indicated by the checkmark (✔).

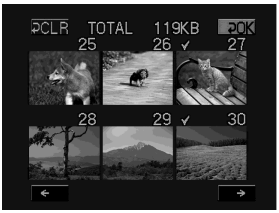
To page up or down the index list

Tap [⬅] or [➡]. The next or previous page is displayed.

(4) Repeat step 3 to select other images that you want to attach.

Note
The total number of images you can attach is 99, and the maximum file size is up to total 3 MB.

(5) Tap [↩ OK].
The Send screen appears again. The total number of selected images and total file size are indicated.



To cancel selecting image
Tap the image again. The checkmark will disappear from the image.

To cancel selecting all the images
Tap [↩ CLR].

(6) Carry out the procedure described in "4 Sending email" (p. 63) from step 3.

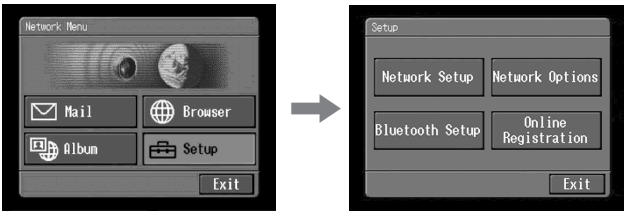
Note
It takes a lot of time to send images depending on the image file size.

Attaching your signature to a message

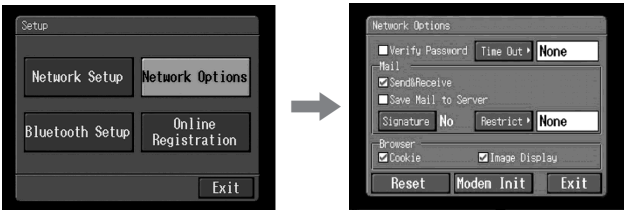
You can attach your signature to the last column of the email message.

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to "Accessing the network" in the operating instructions supplied with your camcorder.

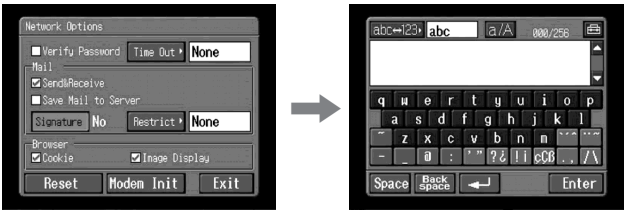
(2) Tap [Setup].
The Setup screen appears.



(3) Tap [Network Options].
The Network Options screen appears.



(4) Tap [Signature].
The character input screen appears.



(5) Enter your signature.
For details on how to input characters, see “How to input characters” (p. 9).

Note

The maximum number of characters you can enter is 256.

(6) Tap [Enter].
The setup of your signature is completed, and the Network Options screen appears again. “Yes” is indicated next to [Signature].

(7) Tap [Exit].
The Setup screen appears again.

(8) Tap [Exit].
The Network Menu appears again.

Using the address book

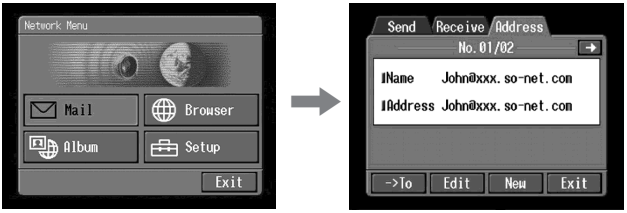
Once you register frequently used email addresses in the address book, you can send email without entering the email address manually.

Registering destination addresses in the address book

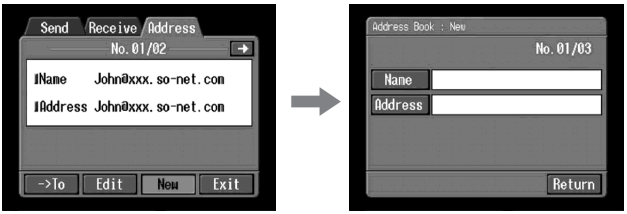
You can register frequently used email addresses in the address book. You can register up to 50 addresses. Be careful to enter the address correctly.

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

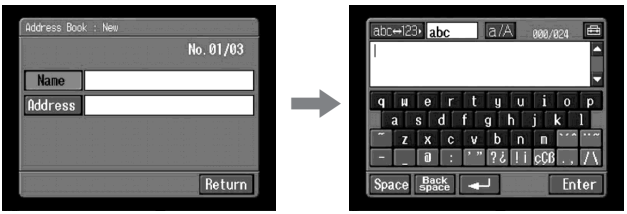
(2) Tap [✉ Mail].
If the Address screen is not displayed, tap the Address. The address screen appears.



(3) Tap [New].
The Address Book: New screen appears.



(4) Tap [Name].
The character input screen appears.

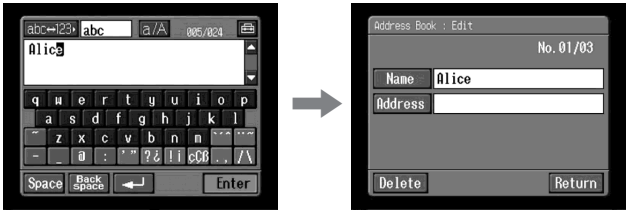


(5) Enter the destination name.
For details on how to input characters, see “How to input characters” (p. 9).

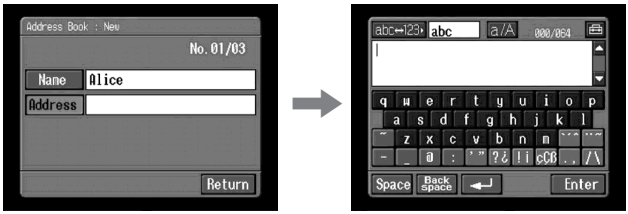
Note

The maximum number of characters you can enter in the [Name] box is 24.

(6) Tap [Enter].
The Address Book: New screen appears again.



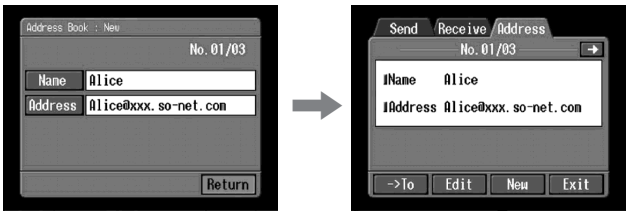
(7) Tap [Address].
The character input screen appears.



(8) Enter the email address.
For details on how to input characters, see “How to input characters” (p. 9).

(9) Tap [Enter].
The Address Book: New screen appears again.

(10) Tap [Return].
The Address screen appears again.



(11) Tap [Exit].
The Network Menu appears again.

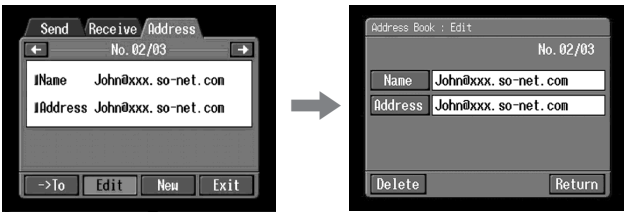
Tips
- The addresses are listed in alphabetical order.
- When you reply to the address of a previously received email message, the address will be automatically registered on the address book. To edit the address, see “Editing or deleting the address book” below.

Editing or deleting the address book

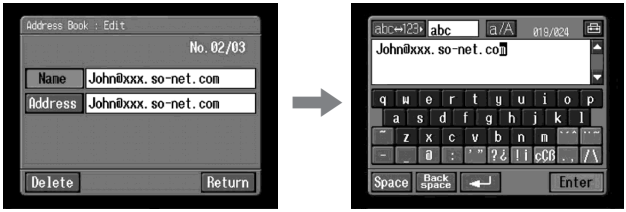
You can edit or delete the names or email addresses in the address book.

(1) Follow steps 1 and 2 in “Registering destination addresses in the address book” (p. 69).
The Address screen appears.

(2) Display the address you want to edit or delete by tapping ← or →.
(3) Tap [Edit] to select the address.
The Address Book: Edit screen appears.



(4) Tap [Name] or [Address].
When editing the registered name, tap [Name], and when editing the registered address, tap [Address].
The character input screen appears.

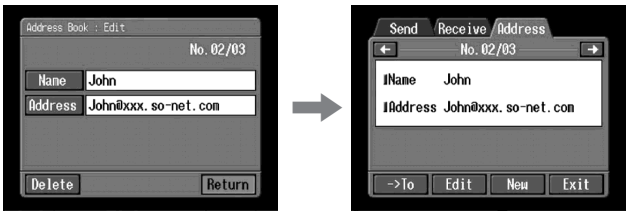


When you want to delete an address, tap [Delete]. When verification appears, tap [OK]. When you stop deleting, tap [Cancel].

(5) Edit the name or address.
For details on how to input characters, see “How to input characters” (p. 9).

(6) Tap [Enter].
The Address Book: Edit screen appears again.

(7) Tap [Return].
The Address screen appears again.



(8) Check the name or address.

(9) Tap [Exit].
The Network menu appears again.

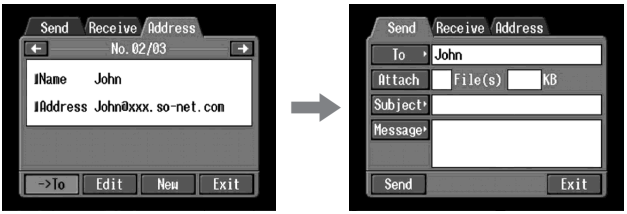
Selecting the destination address from the address book

You can select the destination address from the address book.

(1) Follow steps 1 and 2 in “Registering destination addresses in the address book” (p. 69).
The Address screen appears.

(2) Select the address you want to send a email by tapping ← or →.

(3) Tap [⟶To].
The Send screen appears. The selected address is set as the destination address.



(4) Carry out the procedures described in “**2** Entering the subject of a message” (p. 61).

Receiving email

Once you receive email, you can reply to it or forward it.

Before operation
- Insert a “Memory Stick” into your camcorder, for storing images.
- Release the lock of the “Memory Stick.”

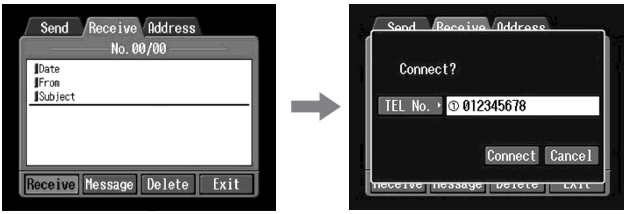
Checking your email inbox

Tip
You can keep copies of your messages on your server even if you download the message using your camcorder. For details, see “Setting other preferences” (p. 42).

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [✉ Mail].
If the Receive screen is not displayed, select the Receive from the Send, Receive and Address. The Receive screen appears.

(3) Tap [Receive].
The screen for verifying the connection appears.
Set your Bluetooth device to connection standby with your camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.

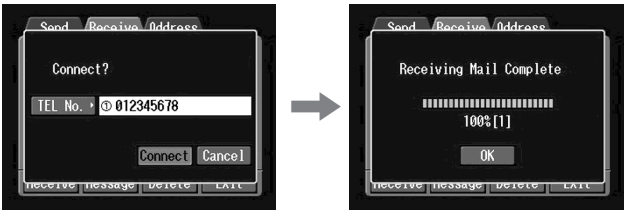


(4) Check the telephone number.

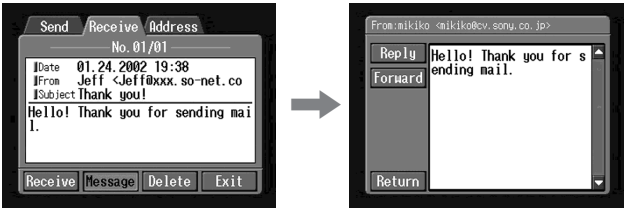
When dialing other telephone numbers

Tap [TEL No.]. The registered telephone number list appears. Tap the desired telephone number. The selected telephone number is specified.

(5) Tap [Connect].
Your camcorder starts dialing the selected telephone number. When an email message has been sent to you, your camcorder download it, and the message "Receiving Mail Complete" appears. Tap [OK]. The phone line is automatically disconnected after email is received.



(6) When an email message has been received, tap the area where a message is displayed or [Message].
The message is displayed.



(7) Tap [Return].
The Receive screen appears again.

To cancel receiving email
While downloading, tap [Cancel]. Email you don't receive remains on your server.

When the message is long
Tap the scroll button ▼ to scroll the message.

When a file is attached to an email message
Your camcorder can receive the following extension file: **.jpg**, **.mpg**, **.jpeg** and **.mpeg**. When you receive other types of files, the message "Attached Invalid File Deleted" is inserted in the email message. Your camcorder cannot play back the attached image if the file is in an incompatible format.

To view an attached image
Exit the NETWORK mode, then view the image following the same procedure as that for viewing an image recorded in a "Memory Stick." In such cases, the attached file will be stored next to the last-recorded image recorded in VCR or MEMORY / NETWORK mode.

When no new messages have been sent to you
The message "No New Mail" appears.

URL included in an email message
When a URL ("http: / / ...") is typed in the message, tap the URL. The browser starts automatically and accesses the indicated web page.

Notes
- The maximum number of email message characters allowed is 4 000. More than that number of characters will cause the excess characters to be deleted and a message indicating that some of the text was deleted is attached to the beginning of the message.
- It takes a lot of time to receive the message depending on the attached image file size.

Tips
- You can automatically check the email inbox after sending email. For details, see "4 Setting other preferences" (p. 42).
- You can skip an email message if its file size is too large. For details, see "4 Setting other preferences" on (p. 42).
- For email messages, the maximum number of characters used for the subject and the sender name has an upper limit of 24 characters. When you receive an email message with more than 24 characters in these items, you cannot read the subject and the sender name on your camcorder.

Sending your answer – Reply

You can quickly reply to an email message without entering the address.

(1) Display the Receive screen.

(2) Tap the area where a message is displayed or tap [Message].
The selected message is displayed.

(3) Tap [Reply].
The Send screen appears.

Tip
"Re:" is added to the beginning of the subject line.

(4) Carry out the procedure described in "**3** Entering the text of a message" (p. 62) to enter the text of the message.

Tip
You cannot quote a received email message.

(5) Carry out the procedure described in "**4** Sending email" (p. 63) from step 3.

Forwarding the message to others – Forward

You can forward a downloaded message to others.

(1) Display the Receive screen.

(2) Display email you want to forward the message by tapping ← or →.

(3) Tap the area where a message is displayed or tap [Message].
The selected message is displayed.

(4) Tap [Forward].
The Send screen appears.

Tips

- An attached file is not automatically forwarded. When you want to send the attached file, see “Attaching images to email” (p. 66).
- “Fw:” is added to the top of the subject line.

(5) Carry out the procedure described in “1 Specifying the destination address” (p. 58) from step 3 or “Selecting the destination address from the address book” (p. 74) to specify the destination address.

(6) Carry out the procedure described in "3 Entering the text of a message" (p. 62) to modify the message.

Tip
The maximum number of characters you can enter in a message is 512. The characters over that number will be deleted.

(7) Carry out the procedure described in "4 Sending email" (p. 63) from step 3.

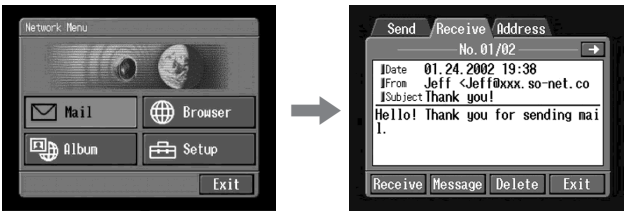
Deleting unnecessary email

You can store up to 50 received email messages in a "Memory Stick." If you try to receive a 51st email message, an error message appears and your camcorder cannot receive the email message.

Before operation
- Insert the "Memory Stick" that the email message you want to delete is stored in into your camcorder.
- Release the lock of the "Memory Stick."

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to "Accessing the network" in the operating instructions supplied with your camcorder.

(2) Tap [✉ Mail].
If the Receive screen is not displayed, select the Receive from the Send, Receive and Address. The Receive screen appears.



(3) Display email you want to delete the message by tapping ← or →.
The selected message is displayed.

(4) Tap [Delete].
The message “Delete This Mail?” used for verification appears.

(5) Tap [OK].
The selected email message is deleted.

To cancel deleting email

Tap [Cancel] in step 5.

Viewing web pages

A site that posts information on the Internet is called “web page” or “web site”. You can easily retrieve information by accessing a web site on the Internet.

Viewing web pages

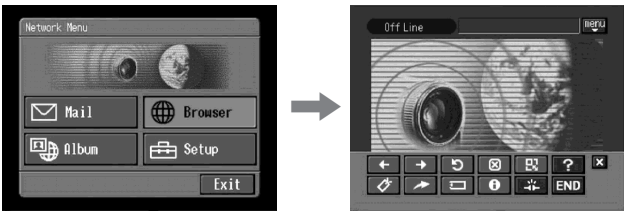
1 Entering the URL needed to access the web page

Enter the address of the web page, and then access the Internet. Be careful to enter the address correctly.

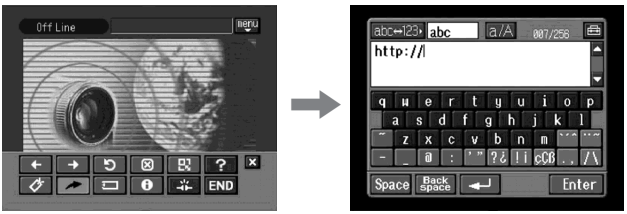
Tip on URL
A web site has a unique address on the Internet. The address is called a URL. This URL is required to access a web site.

(1) Open the Network Menu.
For details on how to open the Network Menu, refer to “Accessing the network” in the operating instructions supplied with your camcorder.

(2) Tap [Browser].
The following screen appears.



(3) Tap (New URL).
The character input screen appears.



(4) Enter the URL.
For details on how to input characters, see “How to input characters” (p. 9).

(5) Tap [Enter].
The screen used for verifying the connection appears. Set your Bluetooth device to connection standby with your camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.

(6) Check the telephone number.

When dialing other telephone numbers
Tap [TEL No.]. The registered telephone number list appears. Tap the desired telephone number. The selected telephone number is specified.

(7) Tap [Connect].
Your camcorder starts dialing the selected telephone number. After the connection is completed, the web page selected in step 4 is loaded.

(8) Operate the browser using the menu bar.
For details on the menu bar, see “How to use the menu bar on the browser” (p. 84).

How to use the menu bar on the browser

When you access the Internet and view a web page, you can carry out various operations using the menu bar. While the browser screen is displayed, tap menu on the upper-right LCD screen to display the menu bar.

To show the menu bar

(1) Tap menu on the upper-right LCD screen.
The following menu bar appears.

To hide the menu bar

Tap menu or ☒ in the menu bar again. The menu bar disappears.

The buttons on the menu bar menu

Button	Function
← (Previous Page)	Go to the previous page in your step.
→ (Next Page)	Go to the next page in your step.
(Refresh)	Refresh the current page. Use this button when images or characters on the web page are not displayed properly.
⊠ (Stop)	Stop loading the current page.
(Zoom)	Change the page size.
? (Help)	Display the introduction of each button.
(Bookmark)	Bookmark the current page. (Bookmarks are stored in the camcorder.) Bookmarking is convenient to access frequently-visited pages.
(New URL)	Enter the URL of a web page.
(Page Memo)	Store the current page in the “Memory Stick.” You can then view the page without accessing the Internet.
(Page Information)	Show the title and URL of the current page.
(Line Close)	Disconnect the phone line.
☒	Hide the menu bar.
END (END)	Exit the browser.

When you fail to load a web page

[Loading Error] message appears. Tap [OK], then tap [menu] on the upper-right LCD screen, and tap [END] in the menu bar. Network menu appears again.

Note

The buttons may not function, depending on the accessed web page.

Note on connection status indication

The connection status is indicated on the top of the screen. This item also shows a connected time and the address of the web page. The connecting time indication should be used as a guide.

Off Line: being offline

Off Line

Loading: Loading a web page

Loading 00min

On Line: being online

On Line 00min

Notes

- When the address is too long to display, the whole address is not indicated. If you want to know the correct address of the page, tap [i]. The address is indicated in full.
- A portion of the whole page is displayed on the screen.
- It takes more time to load a large size page, and its images or text may not be displayed properly. This is not a malfunction.
- When you try to open a large size page, the message “Data too Large for Full Display” appears and the entire page may not be loaded.
- When viewing a scaled-down page, the screen may show some flicker or the color may be strange. This is not a malfunction.
- To prevent a malfunction, operate the menu bar buttons after loading the page.

Tip

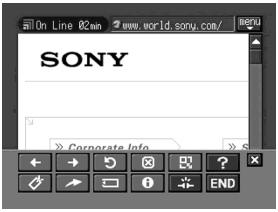
You can access the web page from a bookmark. For details, see “3 Jumping to the web page specified by the bookmark” (p. 89).

2 Bookmarking the web page – Bookmark

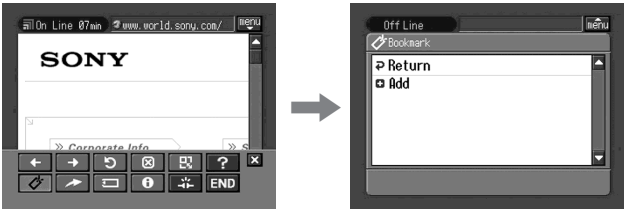
You can bookmark web pages you frequently access. You can bookmark up to 30.

(1) Display the web page you want to bookmark.

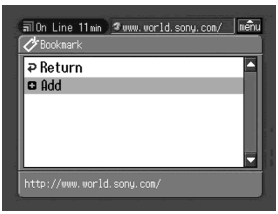
(2) When the menu bar is not displayed, tap [menu] on the upper-right LCD screen.
The menu bar appears.



(3) Tap [ ] (Bookmark).
The bookmark list appears.



(4) Tap [Add].
The bookmark is added, and the display returns to the web page.



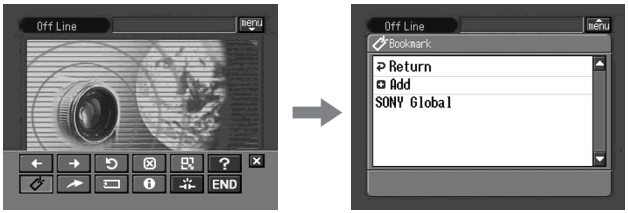
Note

- The phone line may not be disconnected automatically. If this happen, disconnect the phone line manually (p. 95).
- You cannot bookmark a web page that the URL is more than 256 characters.

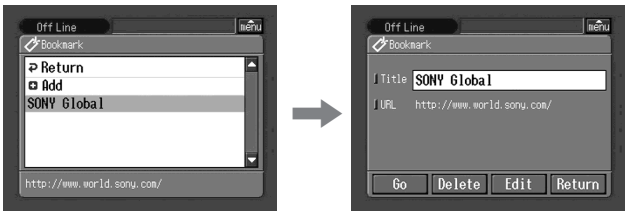
To edit a bookmark

You can edit the title of a bookmark.

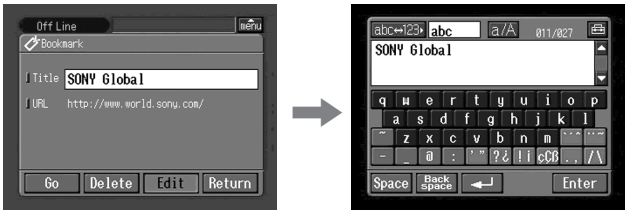
(1) Tap (Bookmark).
The bookmark list appears.



(2) Tap the bookmark you want to edit.
The title and URL are indicated.

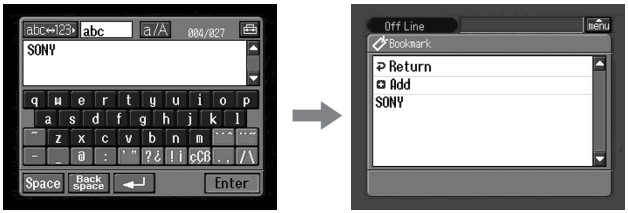


(3) Tap [Edit].
The character input screen appears.



(4) Edit the name.
For details on how to input characters, see “How to input characters” (p. 9).

(5) Tap [Enter].
The title of the bookmark is modified.

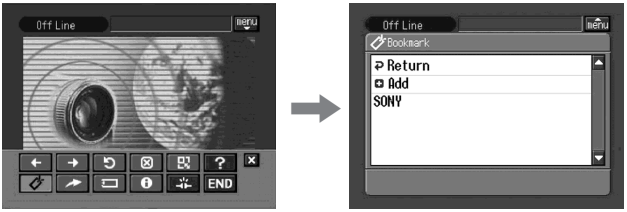


(6) Tap [Return].
The Browser screen appears again.

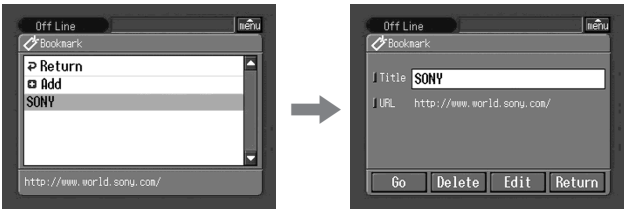
To delete bookmarks

You can delete bookmarks. We recommend that you delete unnecessary bookmarks since you can only store up to 30 bookmarks.

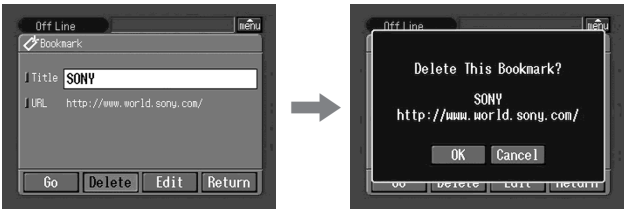
(1) Tap (Bookmark).
The bookmark list appears.



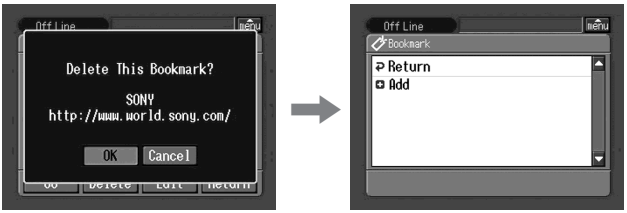
(2) Tap the bookmark you want to delete.



(3) Tap [Delete].
The message “Delete This Bookmark?” used for verification appears.



(4) Tap [OK].
The selected bookmark is deleted.



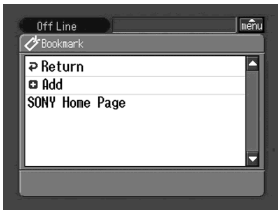
To cancel deleting the bookmark

Tap [Cancel] in step 4.

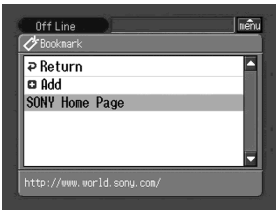
3 Jumping to the web page specified by the bookmark

(1) When the menu bar is not displayed, tap menu on the upper-right LCD screen.
The menu bar appears.

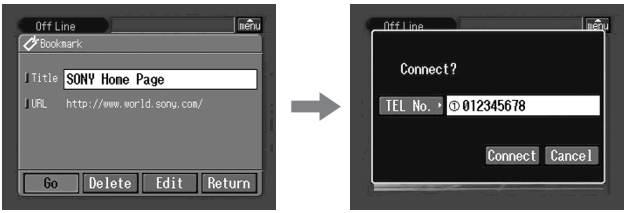
(2) Tap (Bookmark).
The bookmark list appears.



(3) Tap the bookmark.



(4) Tap [Go].
The screen used for verifying the connection appears.
Set your Bluetooth device to connection standby with your camcorder beforehand. For details, refer to the operating instructions supplied with your Bluetooth device.



(5) Check the telephone number.

When dialing other telephone numbers
Tap [TEL No.]. The registered telephone number list appears. Tap the desired telephone number. The selected telephone number is specified.

(6) Tap [Connect].
Your camcorder starts dialing the selected telephone number. After the connection is completed, the web page specified by the bookmark is displayed.

To select other bookmark

Tap [Return] in step 4. The bookmark list appears. Tap other bookmark.

Storing the web page into a "Memory Stick" – Page Memo

You can store your favorite web pages in a "Memory Stick." Once you store them, you can view the web page without accessing the Internet.
You cannot store a web page that the URL is more than 256 characters.

Storing the web page into a "Memory Stick"

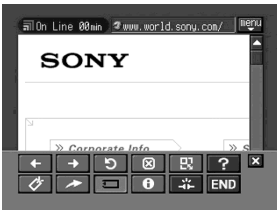
You can store up to 30 page memos in a "Memory Stick."

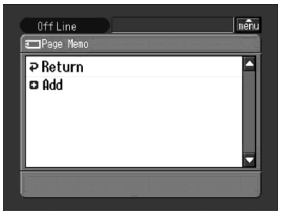
Before operation
- Insert a "Memory Stick" into your camcorder, for storing web pages.
- Release the lock of the "Memory Stick."

(1) Display the web page you want to store.

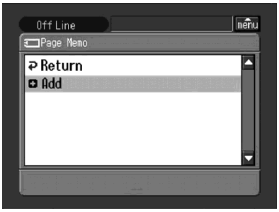
(2) When the menu bar is not displayed, tap [menu] on the upper-right LCD screen.
The menu bar appears.

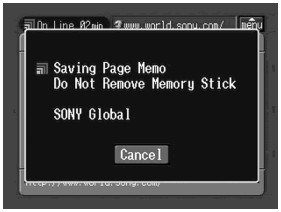
(3) Tap (Page Memo).
The page memo list appears.





(4) Tap [Add].
The message "Saving Page Memo Do Not Remove Memory Stick" appears.
After the message disappears, storing is complete.





(5) The browser screen appears again.

To cancel storing the web page

During storing, tap [Cancel].

Note

You cannot store the web page while loading it.

Editing the title of a page memo

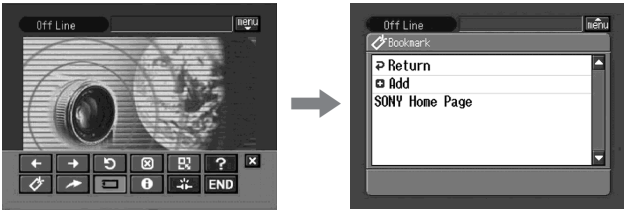
You can edit the title of a page memo stored in a "Memory Stick."

Before operation

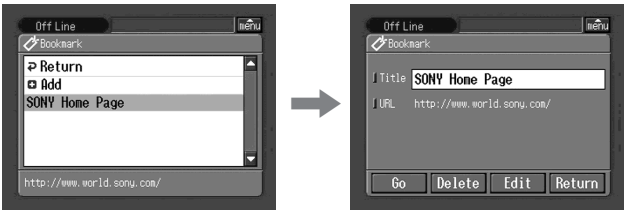
- Insert a "Memory Stick" that the page memo you want to edit is stored in into your camcorder.
- Release the lock of the "Memory Stick."

(1) When the menu bar is not displayed, tap menu on the upper-right LCD screen.
The menu bar appears.

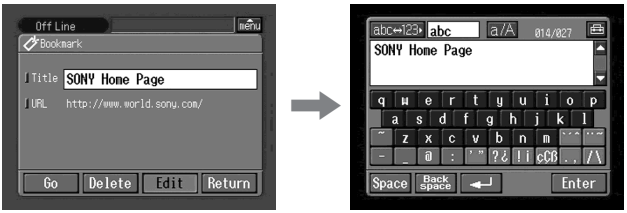
(2) Tap (Page Memo).
The page memo list appears.



(3) Tap the page memo you want to edit.
The title and URL of the selected page memo are indicated.

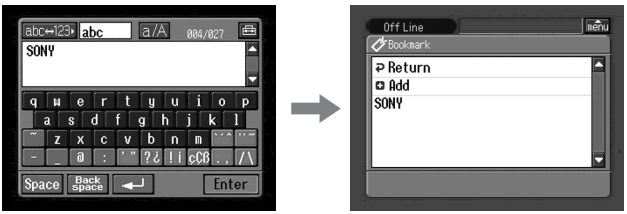


(4) Tap [Edit].
The character input screen appears.



(5) Edit the name.
For details on how to input characters, see “How to input characters” (p. 9).

(6) Tap [Enter].
The title of the page memo is edited.



(7) Tap [↩ Return].
The browser screen appears again.

To delete the page memo

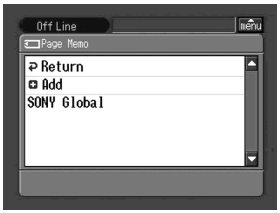
You can delete page memos. We recommend that you delete unnecessary page memos since you can only store up to 30 page memos.

Before operation

- Insert a "Memory Stick" into your camcorder, for storing page memos.
- Release the lock of the "Memory Stick."

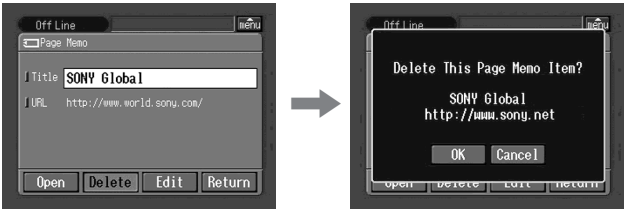
(1) When the menu bar is not displayed, tap [menu] on the upper-right LCD screen.
The menu bar appears.

(2) Tap [▭] (Page Memo).
The page memo list appears.



(3) Tap the page memo you want to delete.
The following screen appears.

(4) Tap [Delete].
The message “Delete This Page Memo Item?” used for verification appears.



(5) Tap [OK].
The selected page memo is deleted and the page memo list appears again.

(6) Tap [↩ Return].
The browser screen appears again.

To cancel deleting the page memo

Tap [Cancel] in step 4.

Displaying a web page stored in page memo

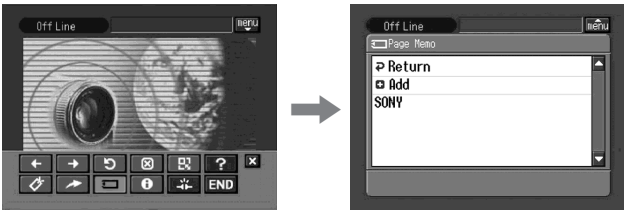
You can display a page memo stored in a “Memory Stick.”

Before operation

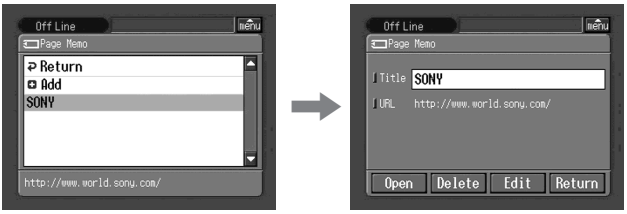
- Insert the “Memory Stick” that the page memo you want to display is stored in into your camcorder.
- Release the lock of the “Memory Stick”.

(1) When the menu bar is not displayed, tap [menu] on the upper-right LCD screen.
The menu bar appears.

(2) Tap [▭] (Page Memo).
The page memo list appears.



(3) Tap the page memo you want to display.



(4) Tap [Open].
The web page stored in page memo is displayed.

To select other page memo

Tap [Return] in step 3. The page memo list appears. Tap other page memo.

Shutting down the browser

To finish viewing the web page, and disconnect the phone line

(1) Tap [menu] on the upper-right LCD screen to display the menu bar.

(2) Tap [END] (End).
The browser is closed, then the phone line is disconnected.

To only disconnect the line

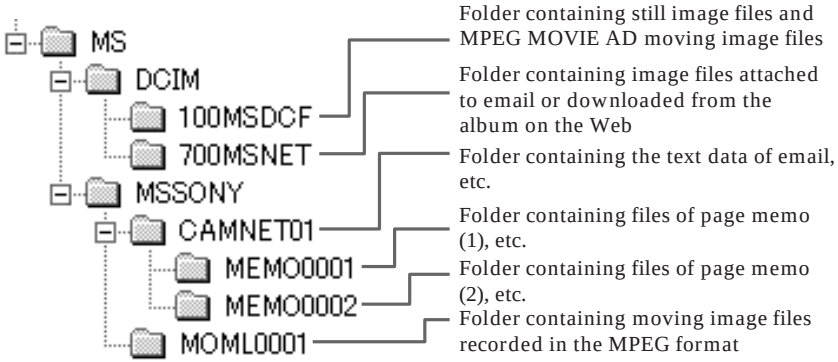
Tap [ ] (Line Close). The phone line is disconnected.

Note

When shutting down the browser, a verification message may appear, depending on your camcorder.

File storage destinations and file names

Files are grouped in the following folders. You can only view these folders on a computer. The meanings of the file names are as follows.
□□□□□ stands for any number within the range from 00001 to 99999.
□□□□ stands for any number within the range from 0001 to 9999.
○○○ stands for a portion of an attached file name.



Folder	File name	Meaning
100MSDCF	DSC□□□□□.JPG	Still image file
	MOV□□□□□.MPG	Moving image file
700MSNET	○○○□□□□□.JPG	Still image file over the network
	○○○□□□□□.MPG	Moving image file over the network
CAM NET01	RCV.MBX	Incoming email list*
	IMAGEMEM.CNF	Page memo management file*
MEMO□□□□	MEMO□□□□.HTM	Page memo HTML file
	IMG□□□□.JPG	Page memo still image file
	IMG□□□□.GIF	Page memo image file
	IMG□□□□.PNG	Page memo image file
	IMG□□□□.XBM	Page memo image file
MOML0001	MOV□□□□□.MPG	Moving image file

* Do not delete these files. These are required files even though they cannot be verified using a PC.

Troubleshooting

Trouble accessing the Internet

The message "...Incomplete" or "Authentication Error..." is indicated and your camcorder cannot access the Internet.

- **When setting network preferences using the "So-net" option**
  Check your setup according to the procedure described in "Setting network preferences" (p. 34).
- **When setting network preferences using the custom setup**
  Check your setup according to the procedure described in "3 Setting your provider preferences manually" of "Setting network preferences" (p. 39).

The camcorder cannot access the Internet.

- Try to access it again after a while.

The message "Line is Busy or Phone number may be Wrong" is indicated and your camcorder cannot access the Internet.

- The phone line of your provider is busy. Call again after a while.
- The settings for the telephone number may be incorrect. Please check those settings.
- The telephone signaling type setup of the Modem Adaptor with Bluetooth function may be wrong. Check the setup.

The message "Bluetooth Connection Error" is indicated and your camcorder cannot access the Internet.

- Check that the Bluetooth device is turned on.
- Install the Bluetooth device nearer to your camcorder.

The message "Phone Line Disconnected" is indicated when making an entry in the online registration procedure.

- Data entry can be done offline. When the camcorder needs to connect with the site, the screen for verifying the connection appears. Tap [Connect], then the connection will be established again.

The message "Bluetooth Authentication Error Check the Certified Status" is indicated and your camcorder cannot access the Internet.

- The Bluetooth device may be deleted from the registration. Set it up again.

The message "Bluetooth Connection Error Select Bluetooth Device" is indicated and your camcorder cannot access the Internet.

- Check your setup according to the procedure described in "Registering a Bluetooth device" (p. 20).

The message "Low Battery" is indicated and your camcorder cannot access the Internet.

- Charge the battery pack or use the AC power adaptor, then connect again.

You forget your ID and/or password.

- Please call Customer Support.

Trouble with email

The message "DNS Error The Requested URL Could Not Found" is indicated and your camcorder cannot send or receive email.

- → **When setting network preferences using the custom setup**
  The DNS setup may be wrong. Check the PPP setup.

Your camcorder cannot send email.

- → The clock setting of your camcorder is not set. Set up the clock setting.
- → **When setting network preferences using the "So-net" option**
  Check your setup according to the procedure described in "Setting network preferences" (p. 34).
- → **When setting network preferences using the custom setup**
  Check your setup according to the procedure described in "3 Setting your provider preferences manually" of "Setting network preferences" (p. 39).
- → Connect again after a while.

Your camcorder cannot receive email.

- → The clock of your camcorder is not set up. Set it up.
- → **When setting network preferences using the "So-net" option**
  Check your setup according to the procedure described in "Setting network preferences" (p. 34).
- → **When setting network preferences using the custom setup**
  Check your setup according to the procedure described in "3 Setting your provider preferences manually" of "Setting network preferences" (p. 39).
- → All of your downloaded email messages are stored in the "Memory Stick." Insert a new "Memory Stick" that has sufficient memory and download your email again. Also, check that the lock switch is set to release.
- → You can restrict the file size of downloaded email messages. Check the setup of the item "Restrict" on the Network Options screen.
- → Up to 50 downloaded email messages can be stored in a "Memory Stick." If you want to store a 51st email message, delete unnecessary email or insert a new "Memory Stick" that has sufficient memory and then download your email again.

All of the email message cannot be received.

- → The maximum size of an email is 4 000 characters. You cannot receive the entire text of email that has more than 4 000 characters.

The message "PPP Authentication Error" is indicated.

- → **When setting network preferences using the "So-net" option**
  Check your setup according to the procedure described in "Setting network preferences" (p. 34).
- → **When setting network preferences using the custom setup**
  Check your setup according to the procedure described in "3 Setting your provider preferences manually" of "Setting network preferences" (p. 39).

You received an email message sent from Mailer Daemon.

- → Your email has not been sent to its destination address. Check the email address. If you receive an email message from Mailer Daemon and the destination address is correct, the server may be down, or the email address may have changed.

Attached files are not saved in the "Memory Stick."

- ➔ Compatible file types are **.jpg**, **.mpg**, **.jpeg** and **.mpeg** only. Check the file type.
- ➔ The message "Memory Stick Directory Error" may be indicated when a "Memory Stick" whose directory structure does not correspond to the DCF standard is inserted.
- ➔ All of your downloaded email messages are stored in the "Memory Stick." Insert a new "Memory Stick" that has sufficient memory and download your email again. Also, check that the lock switch is set to release.
- ➔ You can restrict the file size of downloaded email messages. Check the setup of the item "Restrict" on the Network Options screen.

Trouble viewing web pages

The images are not displayed.

- ➔ Check the setup of the item "Image Display" on the Network Options screen.

Some of the web page or all of the web page is not displayed.

- ➔ When the page has been made using the software, such as Macromedia Flash, the page does not correspond to the browser of your camcorder.

It takes some time to load the web page.

- ➔ When the web page is busy, try to connect through other providers or other access points, or connect during off-peak times.

The web page is not loaded.

- ➔ **When entering its URL**
  Check that the address is correct. (For example, did you enter "0" or "O", "-" or "_")
- ➔ **When accessing through the bookmark or page memo**
  The address may have been changed or the link structure of the web site may have been modified. When the link structure is modified, follow the address to its source. (For example, when you cannot access "http://www.sony.co.jp/xxxx/", then try to access "http://www.sony.co.jp/")

The web page cannot be displayed.

- ➔ The item "Cookie" may not be checked. Check the item "Cookie" on the Network Options screen.

The cookie is not saved.

- ➔ Exit the NETWORK mode, the cookie will be deleted.

The message "DNS Error The Requested URL Could Not Found" is indicated and the web page is not displayed.

- ➔ The setup of the item "DNS" may be wrong. Check the setup of the PPP screen.
- ➔ The setup of the item "Proxy" may be wrong. Check the setup of the Browser screen.

Troubles about the album on the Web

The message "DI Customer ID profile Incomplete" is indicated and your camcorder cannot access the album on the Web.

→ The DI customer ID is required to use the album on the Web.

You cannot view or edit your album, send an invitation card, or upload images. (An error code is indicated.)

→ See "Album error codes" (p. 105).

It takes some time to load the album.

→ When the web site is busy, try to connect through other providers or access points, or connect during off-peak times.

The image cannot be deleted.

→ There may be no images. Tap (Refresh).

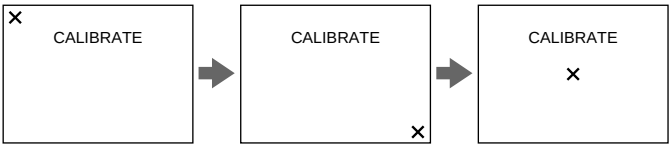
The image cannot be downloaded.

→ There may be no images. Tap (Refresh).

Adjusting the LCD screen (CALIBRATION)

The buttons on the touch panel may not work correctly. If this happens, follow the procedure below.

(1) Set the POWER switch to OFF (CHG).
(2) Eject the cassette from your camcorder, then disconnect any connecting cable from your camcorder.
(3) Set the POWER switch to VCR while pressing DISPLAY/TOUCH PANEL on your camcorder, then keep pressing DISPLAY/TOUCH PANEL for about five seconds.
(4) Follow the procedure below using the stylus supplied with your camcorder.
① Touch ✕ at the upper left corner.
② Touch ✕ at the lower right corner.
③ Touch ✕ in the middle of the screen.



Note

If you do not tap the right spot, ✕ always returns to the position at the upper left corner. In this case, start from step 4 again.

Specifications

Bluetooth

The number of registered devices available
3

Album on the Web

The number of albums
10
The maximum number of images uploaded at one time
99
The maximum file size of images uploaded at one time
3 MB

Email

Sending
- **The maximum number of email destination addresses to which a message can be sent at one time**
  50
- **The registrable number of subjects**
  6
- **The maximum number of characters of a subject**
  24
- **The registrable number of messages**
  6
- **The maximum number of characters of a message**
  512
- **The maximum number of images attached to email**
  99
- **The maximum file size of images attached to email**
  3 MB

Signature
- **The number of characters**
  256

Address book
- **The registrable number of destination addresses**
  50
- **The maximum number of characters of a name**
  24
- **The maximum number of characters of an email address**
  64

Receiving
- **Compatible attachment file standards**
  Extension: .jpg, .mpg, .jpeg, .mpeg
- **The maximum number of characters of an email message**
  Approx. 4 000
- **The maximum number of email messages recordable in a "Memory Stick"**
  50

Browser

The number of bookmarks available
30
The maximum number of characters of a bookmark title
27
The maximum number of page memos recordable in a "Memory Stick"
30
The maximum number of characters of a page memo title
27
The maximum number of characters of URL
255

Messages

Various messages appear on the screen. Check the corresponding descriptions in the following list.

General

Message	Cause and/or Corrective Actions
Bluetooth Connection Error	• The Bluetooth device is too far from the camcorder. • The Bluetooth device is busy.
Bluetooth Authentication Error Check the Certified Status	Register the Bluetooth device again.
Bluetooth Registration Error Check the Passkey	• The pass key was wrong. • The pass key transmission failed.
Bluetooth Communication Disconnected	• The Bluetooth device was turned off. • The Bluetooth device is too far from the camcorder. • The Bluetooth device became impossible to connect.
Bluetooth Connection Error Select Bluetooth Device	No Bluetooth devices are registered. Register the Bluetooth device (p. 20).
PPP Authentication Error Check ID or Password	Your ID or password entered on the PPP screen during manual setup may be wrong.
Phone Line Disconnected	Check the connection status.
Connection Error No Response From PPP Server	• The telephone number entered on the PPP screen in manual setup may be wrong. • The setup of Modem unit on the Network Options screen is wrong.
Bluetooth Connection Error Check Phone Line	Check that the Bluetooth device is connected to a telephone terminal.
Low Battery	The capacity of the battery pack is insufficient. Change the battery pack or use the AC power adaptor.
Profile Error Reset Profile	Check the setup. If an entry is missing, set up again referring to your notes.
DI Customer ID Profile Incompleted * Password Already Set Check the Password Profile	Check your DI customer ID or password entered on the Network Setup screen. For details on “Verify Password,” see “Setting other preferences” (p. 42). You cannot use your album on the Web if you set your preferences manually.
Memory Error	Exit the NETWORK mode, then enter the NETWORK mode again.
Memory Stick Error	The “Memory Stick” may be broken. Do the following; exit the NETWORK mode, turn off the camcorder, remove and insert the “Memory Stick,” then operate the camcorder. If the message still appears, use another “Memory Stick.”
Memory Stick Error Outgoing Mail Canceled	
Memory Stick Error Unable to Open the File	
Memory Stick Error Action Canceled	
Memory Stick Error Incoming Mail Canceled	
Memory Stick Format Error	Format the “Memory Stick” with your camcorder.

Messages

Message	Cause and/or Corrective Actions
Enter Password for DI Customer ID	For details on “Verify Password,” see “Setting other preferences” (p. 42).
Enter PPP Password	
Saving the Profile	Do not turn off the camcorder while the message is indicated.

Album on the Web

Message	Cause and/or Corrective Actions
Album Server Disconnected	Try again after a while.
Upload Error	
Outgoing Mail Error Select Pictures	Select the image or set up the invitation card before uploading (p. 47).
Wrong File Unable to Save This File Check the File Type	You tried to download a file that is not in the JPEG or MPEG format. You can download only JPEG or MPEG files.
Memory Stick Directory Error	You tried to download a file to a “Memory Stick” whose directory structure does not conform to the DCF standard. You cannot download a file to a “Memory Stick” not conforming to the DCF standard.
No Picture Files	There are no images in the “Memory Stick.”

When an 4-digit error code is indicated, see “Album error codes” (p. 105).

Email

Message	Cause and/or Corrective Actions
POP Server Disconnected	The POP server may be down. Connect to the page again after a while.
POP Server Connection Error	• Your password entered on the Mail screen during manual setup may be wrong. Check your password. • Connect the page after a while.
SMTP Server Disconnected	Connect to the page again after a while.
SMTP Server Connection Error	Your password entered on the Mail screen during manual setup may be wrong. Check your password.
PPP Profile Incomplete	Check the “So-net” or custom setup in provider preferences.
Mail Profile Incomplete	Check the “So-net” or custom setup in provider preferences.
No Picture Files	No images in the “Memory Stick.”

Browser

Message	Cause and/or Corrective Actions
You are About to View Pages Over a Secure Connection Do You Want to Continue?	You tried to open an SSL page. When you know that the page is safe, tap [OK].
You are About to Leave a Secure Internet Connection Do You Want to Continue?	
Warrant Date Expired Invalid Data Open Anyway?	
Set the Date and Time Invalid Data Open Anyway?	The clock is not set up on your camcorder. Set up the clock setting.
Page Certification Error Invalid Data Open Anyway?	The certification of the page may be broken, wrong, or it may be of other pages. When you know that the page is safe, tap [OK].
Opening Error Invalid File Type	You cannot display this page on your camcorder.
DNS Error The Requested URL Could Not Found	• The URL may be wrong. • The DNS entry on the PPP screen during manual setup may be wrong. Check this item. • Connect to the page again after a while.
Loading Error	Tap [menu] on the upper-right LCD screen, then tap [END].
Read-Only File in Directory Unable to Delete the File Check the File Status	Files modified with a computer may not be deleted by the camcorder.
Opening File Error	
Read-Only File This File is Locked	
Enter User Name and Password	User authentication is required to access the page. Enter your user name and password.
Timeout Disconnected Automatically	Check the Network Options setup (p. 42).
Loading... Retry Later	The page memo cannot be stored while the unit is loading a web page. Store it again after the web page has been loaded (p. 90).

Album error codes

Error Number	ImageStation	Cause	Corrective Actions
1000	Authentication error occurred. Please check ID and Password.	Login error. ID or password may be incorrect on your camcorder.	Check your ID and password, and try to login again.
1001	Upload error occurred. Please try to upload again later.	Error in finding album.	Check your selection and try again.
1002	Your ID is not registered. Please register.	ID is not registered.	Try to register again by online registration button on your camcorder.
1003	Upload error occurred. Please try to upload again later.	There was an error in saving the file in the album.	Try uploading the file again.
1004	Invitation error occurred. Please try to send again later.	The email address you are trying to send is invalid.	Check the email address and try again.
1006	Invitation error occurred. Please try to send again later.	There is no message in the invitation.	This error should not occur. Call Customer Support if you see this message.
1007	Upload error occurred. Please try to upload again later.	There is an error with the image file in the album.	Check the selected images and try again.
1008	Error occurred. Please re-enter Album.	Login error. Not logged into album.	Check your ID and password, and try to login again.
1009	Upload error occurred. The uploaded image was too large.	The image is too large to upload.	The image cannot be uploaded. Remove it from your selection.
1010	Upload error occurred. Please check the image file.	Unable to read the image format.	The image cannot be uploaded. Remove it from your selection.
1112	Authentication error occurred. Please check ID and password.	Login error	Check your ID and password, and try to login again.
2100	Your message could not send. Please send again.	The server is unable to send now.	Try to send email again after a while.
2200	The server is temporarily busy. Please try again later.	The authentication server is temporarily busy.	Try to send email again after a while.
3094	Upload error occurred. Please check the image file.	Unable to read the video format.	The file cannot be uploaded. Remove it from your selection.
3099	Upload error occurred. The uploaded video was too large.	The video is too large to upload.	The video cannot be uploaded. Remove it from your selection.
3131	Upload error occurred. The total size limit of video is over.	You have exceeded the video storage limit.	Delete some of the other video(s) in your albums and try to upload again.
6000	Your ID validity is expired. Please login again.	The server validity time is expired.	Try to login again.
8025	Authentication error occurred. Please re-enter Album.	Login error	Check your ID and password, and try to login again.

Glossary

Access point (p. 38, 40)
A telephone number used to access the Internet, which is provided by an Internet service provider.
Most providers install access points in various areas. We recommend that you select the most convenient access point which allows you to obtain the lowest telephone charges.

Address book (p. 69)
Used to register email destination addresses.

APOP (p. 41)
APOP is an authentication protocol for security. When your provider supports APOP, we recommend that you check this item. For more information on whether the provider support APOP or not, consult your provider.

@ (At mark)
Used to separate the domain name and the user name.

Attachment (p. 66)
To attach a file to an email message.

Connect time (p. 85)
The time for being connected with an Internet service provider using a dial-up connection. Most Internet service providers charge for the time connected.

Cookie (p. 43)
Used by the operator of an Internet site to identify the user. This is frequently used in online shopping.

Dial-up connection (p. 38, 40)
The dial-up connection is used to access the Internet using a phone line.

DNS (p. 40)
An abbreviation for Domain Name System. This “DNS” is also referred to as a “name server,” “primary DNS server,” “primary name server,” etc. This is a server that replaces a domain name with an IP address. This is specified by an IP address.

Download
Load information from the server through the phone line.

Email (p. 58)
Also referred to as “Email”, “Mail”, etc. Using a network, such as the Internet, you can send and receive a message very quickly. Email is easy to edit or store.

Email address (p. 40)
Also referred to as an “Email address”, “Mail address”, etc. This is the destination address for email. There is no need to specify the country and the house number. The same address does not exist in the world. You can receive your email even if your are in another country.

Forward (p. 79)
To forward a received email message to another person. “Fw:” (Forward) is added to the beginning of the title in order to indicate that the email is a forwarded email.

ID (p. 40)
Used to identify the user in combination with a password when accessing the Internet through the Internet service provider.

Internet (p. 32)
A worldwide network of computers. You can use email, information retrieval services, etc., over this network.

Internet service provider (p. 32)
Also referred to as a “Provider,” an “ISP,” etc. A company that provides access to the Internet.

Link
A related page address listed on a Web page as a Web link.

Password (p. 34, 40)
Used to access the provider in combination with a user ID.

POP3 (p. 41)
An abbreviation for Post Office Protocol, Version 3. This is a server used to receive email.

PPP (p. 39)
An abbreviation for Point to Point Protocol, Version 3. This is a protocol for accessing a provider using a dial-up connection.

Proxy (p. 41)
A server or program to make a computer located inside a firewall pass through the firewall.

Reply (p. 78)
To reply to a previously received email message. When replying, “Re:” (Reply) is added to the beginning of the title in order to indicate that the email is a reply.

Signature (p. 67)
Used to add your name, your address, etc., to the end of a message.

SMTP (p. 41)
An abbreviation for Simple Mail Transfer Protocol. This is a server used to send email.

SSL
An abbreviation for Secure Sockets Layer. A protocol for exchanging information safely between web browsers and web servers. SSL is frequently used for credit card transactions over the Internet. SSL also has a function to verify ownership and to encrypt data.

Subject (p. 61)
The title of an email message. When replying, “Re:” (Reply) is added to the beginning of the title in order to indicate that the email is a reply. When forwarding an email message, “Fw:” (Forward) is added to the beginning of the title in order to indicate that the email is a forwarded email message.

URL (p. 82)
An abbreviation for Uniform Resource Locator. An address on the Internet. By specifying this address, you can access the web page.

Web page (p. 82)
A web site that makes information available on the Internet. When the page includes Web links, you can specify other pages by selecting the link.

Setup memo

Be careful not to reveal these entries.

Network Menu

	Example
Network Setup	
DI Customer Setup	
ID	
Password	
Provider Setup	
So-net	
TEL①	XXXXXXX
TEL②	
TEL③	
Custom	
PPP	
ID	abc123@xxx.so-net.com
Password	hcHZ7yd
DNS1	192.168.0.1
DNS2	192.168.0.2
TEL No. ①	XXXXXXX
TEL No. ②	
TEL No. ③	
Mail	
User ID	abc123
Password	hcHZ7yd
Address	abc123@xxx.so-net.com
POP Server	pop.xxx.so-net.com
SMTP Server	smtp.xxx.so-net.com
Browser	
Proxy	proxy.xxx.so-net.com
Port	8080

Online Privacy Policy

Sony Electronics Inc.

Effective: June 21, 2001
Last Update: November 15, 2001

Your Privacy

At Sony we believe our online visitors have a right to know our practices regarding the information we may collect when you visit our Web sites and what type of information is collected. The guidelines contained herein apply only to your visit to the Web sites operated by or for Sony Electronics Inc. and the entities it controls (collectively, "SEL"). These sites include, but are not limited to, those that contain "sel.sony.com" and those that contain "sonystyle.com" in their URLs. Sites which are linked to/from these sites (including sites of other Sony affiliated companies (e.g., Sony Music Entertainment, Sony Pictures Entertainment, Sony Computer Entertainment America) and via banner ads) may have different policies; therefore, please review the privacy policy notices on those sites for details.

While SEL does not generally require that you provide us with personally identifiable information in order to visit and use the SEL sites, please note that in order to participate in some activities, it will be necessary for you to provide this information. If you choose not to provide it for those activities, you may not be able to participate in them.

Collection of Information

For each visitor to an SEL Web site, SEL's Web server automatically recognizes, collects and/or stores information such as the visitor's IP address/Domain name combination and any referring sites. SEL may use several technologies to accomplish this. Examples of such technologies are cookies and Web beacons.

When you visit SEL's Web sites or advertisements appearing thereon, or use one or more of the SEL Web site services, we may use an industry-wide technology called "cookies" which stores certain information on your computer and which will allow us to customize your experience to better match your interests and preferences or to simply facilitate your signing in to use the services. Most browsers will allow you to erase cookies from your computer hard drive, block acceptance of cookies, or receive a warning before a cookie is stored. However, if you block or erase cookies, we may not be able to restore any preferences or customization settings you previously specified and our ability to personalize your online experience would be limited. Please refer to your browser instructions or "help" screen to learn more about these functions.

SEL may also itself use, or engage third parties to use, Web beacons for researching certain usage and activities on our Web site. The information collected by SEL or requested from third parties through these Web beacons is in an aggregate, non-individually identifiable form and is used to find out more about users including demographic information and usage patterns for more accurate reporting and to improve the effectiveness of our marketing.

SEL may ask you to provide "personal information", meaning individually identifiable information such as your email address, name, mailing address, telephone number, social security number, credit card number, or persistent identifier (such as a customer

number held in a cookie) which is associated with individually identifiable information, to enable you to participate in contests, chat rooms, on bulletin boards, to fill out a registration, or to order products and services using these sites. SEL may combine the information you provide on our Web sites with information we may collect offline from you or from third parties so that we can more effectively tailor our site, services and offerings to you.

Unless you instruct us otherwise, SEL may contact you to provide information about products, services, promotions, contests, or other activities or offerings that may be of interest to you. You can instruct us whether or not you wish to be contacted by checking or unchecking the box indicating your preference, as applicable, at the place where your information is collected, or by other means (such as an email request). In addition, with each communication you receive from SEL, you will be given the opportunity to indicate if you do not wish to receive future communications.

SEL will not share the personal information you provide on the SEL Web sites with any other parties, except (a) with your consent, (b) as may be permitted or required by law or court order and/or (c) to persons or companies with whom SEL contracts to carry out the internal operations of the site or our business (for example, to send you a promotional item that you have requested on the site.)

With your consent, SEL may share your personal information with other affiliated Sony companies (i.e., (i) Sony Corporation, (ii) any company of which more than 50% of its outstanding shares are owned by Sony Corporation, directly or indirectly, and (iii) any company with the name "SONY" as a part of its trade name) who may want to contact you about products, services or other offerings that may be of interest to you. Further, ***with your consent***, SEL may share your personal information with specific third parties outside of the Sony group of companies who may want to contact you about products, services or other offerings that may be of interest to you. Each of these companies may have their own privacy policies. SEL will seek to obtain your consent at the place where the information is collected either by an "opt-out" or "opt-in" method, or by other means (such as an email request). If you consent to receiving communications from any of these affiliated Sony companies, or third parties, you will need to communicate with them directly if you later decide that you no longer wish to receive their communications.

Use and Disclosure of Anonymous Aggregated Information

SEL may also collect, aggregate and maintain anonymous information about the visitors to our Web sites, such as visitors hobbies, interests, purchasing habits, music preferences, and the like. This data can then be used to tailor SEL's Web site content and advertising to deliver a better experience for our visitors. SEL may also share such aggregate information about our visitors with advertisers, business partners, sponsors, and other third parties; for example, to inform them about the percentage of male/female visitors or percentage of visitors within a particular age range.

Security

SEL takes great care in maintaining the security of your personal information and in preventing unauthorized access to it through the use of appropriate technology and internal procedures. However, SEL does not guarantee that unauthorized access will never occur.

Notice To/Regarding Children Under the Age of 13

SEL believes that children using the Internet require special protection, and we urge parents or guardians to explain Internet safety to their children. Parents are urged to spend time online with their children to become familiar with the types of content available on the SEL sites and the Internet in general. Control tools are available from online services and software manufacturers to help create a safer environment for children.

If you are under 13 years of age, you should not provide any personally identifiable information (for example, your last name, home address or e-mail address) on these sites without the knowledge and permission of your parent or guardian. If SEL learns that you are under 13 years of age, SEL will not maintain or use any personally identifiable information about you without the verifiable consent of your parent or guardian, except as allowed by law. This may mean that you will be unable to participate in some activities on the sites without that verifiable consent.

If a child under 13 years of age wishes to participate in any SEL Web site activity, or wishes to take advantage of a product or service offering, available to children, and to do so necessitates the furnishing of any of the child's personal information, please note the following:

(i) The names, addresses, telephone numbers, and email addresses of the operators collecting or maintaining personal information from children through this Web site are:

Sony Electronics Inc.
1 Sony Drive
Park Ridge, New Jersey 07656
Telephone: 201-930-4800
e-mail address: PIM@am.sony.com

Sony Electronics e-Solutions Company LLC
155 Tice Boulevard
Woodcliff Lake, New Jersey 07677
Telephone: 201-930-4800
e-mail address: PIM@am.sony.com

(ii) The types of personal information collected from children may include the name, email address, home address, telephone number and/or any other information reasonably necessary for the child to participate in a particular activity. This information may be collected directly and/or passively (e.g., through a web server that automatically recognized and stores information such as a visitor's IP address/domain name combination).

(iii) The information collected may be used for purposes such as fulfillment of a requested transaction, record keeping, marketing back to the child, or making it publicly available through a chat room or by other means.

(iv) Unless specific consent is obtained from the child's parent or guardian, the child's personal information will not be disclosed to third parties who are not contractors hired to carry out the internal operations of the Web sites, other than as may be required or permitted by law. We have required, or will require, such contractors to

agree to use personal information of site visitors only for the purposes of carrying out these operations and to keep such information confidential. A parent or guardian has the option of consenting to the collection and use of the child's personal information without consenting to the disclosure of that information to third parties.

(v) SEL is prohibited from conditioning a child's participation in an activity on the child's disclosing more personal information than is reasonably necessary to participate in such activity; and

(vi) A parent can review and have deleted the child's personal information, can refuse to permit further collection or use of the child's information, and can revoke or limit consents previously given. For instructions on how to do so, please send an email to: PIM@am.sony.com or write to us at:

Sony Electronics Inc.
Personal Information Management Office
1 Sony Drive
MD TA3-12
Park Ridge, New Jersey 07656

Except as permitted by law, before any collection of a child's personal information takes place at a Web site directed to children or where SEL is knowingly collecting children's personal information, the child will be asked to provide his/her parent's or guardian's e-mail address so that SEL can contact the child's parent or guardian. SEL will then send an email (the "Initial Notification") to the parent/guardian indicating, among other things, the information that the child is requested to provide, the intended use(s) of the information and information on how the parent/guardian can, at their election, delete the child's information from SEL's database or records. Upon receipt of the Initial Notification, a parent or guardian may respond back to SEL to grant his/her consent or to deny consent in which case SEL will delete the parent or guardian's email address and any other personal information, if any, previously obtained for securing parental consent. Upon SEL's receipt of the parent/guardian consent, SEL will send a confirming email to the parent/guardian's email address.

If SEL desires to use a child's information for purposes other than that for which the parent/guardian consent was previously given, SEL will not do so without first getting the parent/guardian consent.

Consent to Processing

By providing any personal information to the SEL Sites, all users, including without limitation users in the member states of the European Union, fully understand and unambiguously consent to the collection and processing of such information in the United States of America.

Policy Governs Use: Changes to Privacy Policy

The terms of this policy will govern the use and any information collected while it is in place. SEL reserves the right to change this policy at any time, so please re-visit this page as often as you wish.

Questions

If you have any questions or comments about our personal information practices or about this Privacy Statement, please feel free to send us an email at PIM@am.sony.com or write us at:

Sony Electronics Inc.
Personal Information Management Office
1 Sony Drive
MD TA3-12
Park Ridge, New Jersey 07656

Please check “http://www.sel.sony.com/SEL/legal/privacy.html” for the latest information.

ImageStation membership Agreement

Membership Agreement (paper copy of terms as of November 2001 provided for convenience, please visit online for current terms).

This Membership Agreement sets forth the terms and conditions on which ImageStation, a division of Sony Electronics Inc., offers products and services to registered users (each a "Member") of the website "www.ImageStation.com."

PLEASE READ THIS MEMBERSHIP AGREEMENT CAREFULLY BEFORE REGISTERING TO BECOME A MEMBER.

By completing the Member registration process and clicking on the "I AGREE" button, on your PC or Network Handycam camcorder, you (hereafter either "you" or "Member") agree to be bound by the terms and conditions of this Membership Agreement

By clicking on the "I DECLINE" button on your PC or Network Handycam camcorder, you will be returned to the previous page, and your application for registration will be deleted.

1. Terms

The Membership Agreement is comprised of (a) all terms and conditions set forth herein; (b) all operating rules and policies that are by published on the Site from time to time, (c) Legal Notices and Trademarks and (d) the Sony Electronics Online Privacy Policy, each as modified from time to time and published at [www.imagestation.com]. In light of the evolving nature of web-based offerings, ImageStation may post a notice on the Site, or broadcast messages through the Service, to inform you of changes to this Membership Agreement, the Service, or other matters of importance. Such posting or broadcast will constitute notice to you. Any amendment to the Membership Agreement shall be effective immediately upon posting of the notice, or broadcast of the message. Your continued use of the Service after such notice or broadcast will reaffirm your agreement to be bound and to abide by this Membership Agreement as amended.

2. The Service

- The term "Service" includes all functionality made available by ImageStation on the Site. ImageStation may add to, delete from, or modify the Service. Unless explicitly stated otherwise, any new text, content, file, data, product, services, information, software, software tool or other feature that augments or enhances the current Service, will be subject to this Membership Agreement.

3. Member's Privileges and Obligations

The Service is available only to individuals over the age of 13. The Service is not available to corporations or other business entities. In order to use the Service, you must first register as a Member. You agree to provide accurate information, as prompted by the registration form, including an accurate email address where you can be contacted. Each Member is allowed to have only one Membership. Membership is intended for personal use only and is non-transferable. You must choose a password. You are responsible for any activity that occurs under your user ID. You agree to immediately notify ImageStation of any unauthorized use of your

user ID or another breach of security in relation to the Service. You may use the Service only for your personal, non-commercial use. You may not take the results from your use of the Service and link to them, or mirror pages from the Site on another website, or create links from other websites onto any area of the Site.

4. Member Content; Member Private Area; Community Area

You may store, display and publish your "Member Content" on the Site. The "Member Content" may include images, video, audio, music, sound files, and other materials, data, or text. Your Member Content is linked to your userID. As a Member, you can display or publish your Member Content:

- As "Private Member Content", in a private area of the Site, which is accessible only to you and your guests, and which require the use of a password (the "Member Private Area") or

- As "Public Member Content", in the public area of the Site, which is accessible by all users of the Site, whether or not they are Members, and which does not require the use of a password (the "Community Area").

You agree not to post, send, transmit, upload, display, publish or distribute through any part of the Site, any Member Content that:

(a) Misappropriates materials of others that are protected by copyright, trademark or trade secrets, patent or other intellectual property law without the express permission of the author or owner;

(b) Contains false or misleading statement of facts or description of the origin of the material or communications;

(c) Violates anyone's copyright, moral rights, author's rights, trade secrets, trademark rights, patent, or other intellectual property or other rights;

(d) Interferes with the privacy rights of any person, or impersonates any person;

(e) Contains a virus, may corrupt files or other content that may compromise or harm the Site or any user thereof;

(f) Makes or purports to make any commercial use of the Site;

(g) Constitutes a criminal offense, gives rise to civil liability, or violates any applicable laws or regulations, or encourages anyone to break the law; or advocates illegal activity; or

(h) Contains links to your Member Private Area (defined below) that does any of the above.

You are responsible for creating and maintaining copies of your Member Content, as back-ups, prior to posting or uploading any material, data, text, image, video, music, sound, audio file, or other content or materials on the Site.

5. Price and Payment

Certain content, products or services on the Site, such as photo printing and gift and hardware sales, are subject to charges and specific terms and conditions, which are

explained in connection with such content and services. The Service and other content, product, services or information on the Site are presently available free of charge, exclusive of Internet or other telecommunications fees. ImageStation may, at its discretion, elect to modify, delete, reduce, augment, or discontinue the Service or any product, service, feature, functionality on the Site, or institute a fee, and will notify the Members of such change. ImageStation shall not be liable to you or any third party for any such change.

6. License Grant and Intellectual Property Rights

In consideration for the Service, and the potential benefits related thereto, you grant ImageStation, its successors, licensees and assigns, a non-exclusive, worldwide, perpetual, royalty free license to use, modify, reproduce, distribute, publish, publicly perform, and publicly display your Member Content, by all means now known, or later created, including but not limited to display on the Internet, and in all forms of media, now known or later created.

- With respect to your Public Member Content, such license includes, without limitation, (a) the right for ImageStation and third parties to access and view the portions of your Public Member Content on the Community Area; (b) the right to access, display, reproduce, modify, any portions of your Public Member Content, and to create, reproduce, display and distribute selected images, frames, thumbnails or stills from such Public Member Content. You agree that ImageStation may use the Member Content that you provide and make available on the Community Area (by selecting such an option when uploading materials on the Site, or at a later time), at any time for any other purposes.

- With respect to your Private Member Content, such license includes, without limitation, granting ImageStation the right to access, display, reproduce, modify, any portions of your Private Member Content as necessary to store, host and display it on the Site and comply with applicable laws.

You acknowledge and agree that certain technical processing or reformatting of your Member Content may be required to (a) perform indexing functions; (b) conform to connecting network technical requirements; (c) conform to the limitations of the Service or other similar requirements.

As between ImageStation and you, you will own your Member Content, and ImageStation owns all right, title and interest (including all intellectual property rights) in and to the Site, the Service, the technology, information, documents, files, webpages and other product developed in connection with the Site or available on the Site.

You agree not to translate, reverse engineer, reverse compile, disassemble or create derivative works from software programming contained in the Site or the Service.

7. Member Profiles

Member Profiles are intended to be brief descriptions of a Member's interest and contact information. Any information you place on your Member Profile is accessible to anyone visiting the Site, unless you have made it private by checking the "Hide" box. You agree not to send transmissions through the Site that attempt to hide your identity or represent yourself as someone else.

8. Responsibility for Member Content

ImageStation does not as a policy review or screen any images, video, text, music, sound, audio files or other Member Content that a Member posts, displays or stores before they appear on the Site. ImageStation's automated machinery and computers indexes the Member Content. ImageStation does not endorse the content or views expressed in any Member Content and is not responsible or liable in any manner for any conduct by any Member or for any Member Content.

You are solely responsible for the Member Content that you provide to ImageStation for hosting, display or access on the Site, on the Community Area and/or on your Private Member Area. This includes, without limitation, responsibility for the nature, content, subject matter, views that you express, display or publish in your Member Content.

You agree not to use the Service for illegal purposes. Your use of the Site, the Service, and the products, services, information available on the Site, is subject to all applicable local, state, national and foreign laws and regulations, and international treaties, including, without limitation, U.S. laws regarding the transmission of technical data exported from the United States.

You represent and warrant that (a) you have the right to enter into this Membership Agreement without any other approvals; (b) you have the right to use, upload, publish, display the Member Content linked to your userID;(c) you have the right to grant the licenses granted herein; and (d) the use by ImageStation of the rights that you grant ImageStation in this Membership Agreement will not violate the rights of any third parties, including without limitation your employer and your clients.

9. Code of Conduct

ImageStation provides Members with storage space on the Site as a service to Members. ImageStation encourages the free exchange of ideas, but has established the following parameters for any Member Content. When using any area of the Site, including, without limitation the Member Private Area, you agree not to post, send, transmit, upload, or otherwise publish any data, text, image, video, music, sound, audio file, text, or other content or material that:

- Contains or displays any expression of bigotry, racism, or hatred, or is ethnically offensive, objectionable or inappropriate;
- Is or might be perceived by ImageStation or ImageStation members or users, as defamatory, libelous, disparaging, obscene, pornographic, profane, threatening, abusive, deceptive, offensive, vulgar, ethnically offensive, objectionable or inappropriate, including nudity, adult content, illegal content, content of a sexual nature, and unacceptable language;
- Is inconsistent with the values or the spirit of the ImageStation Community, as determined by ImageStation in its sole discretion;
- Interferes with anyone else's use of this Site;
- Contains links to your Member Private Area that promotes or does any of the above.

10. Illegal Activities

It is ImageStation's policy to report suspected illegal activities to law enforcement agencies and to cooperate fully with their investigations.

11. Warranty, Disclaimer of Warranty

The Service and the Site, including all content, products, services and information made available or accessed through the Site, are provided "AS IS", with no warranties of any kind. Uploading, downloading or transmitting any Member Content or any other material, data, text, images, video, music, sound or audio files on the Site or through the use of the Service is at your own risk and in your sole discretion. You will be solely responsible for any damages to your computer system or loss of data, or any other damages that result from such uploading, downloading or transmittal, or otherwise.

ImageStation makes no representation or warranty of any kind

(a) that the Site or Service will meet your requirements;

(b) that defects in the software for the Service will be corrected;

(c) that the Service will be timely, secure, error free, uninterrupted;

(d) that the Service or any content, product, services or information on the Site are accurate, correct, reliable or complete;

(e) that Member Content or any material, data, text, images, video, music, sound, audio file, content or materials posted, displayed or stored on or through the Site will not be altered, deleted or damaged, or will be available for access, upload or download at all times or indefinitely;

(f) as to the result that may be obtained from the use of the Service;

(g) that the Site or the Service is free of viruses or other components that may infect, harm, or cause damage to computer equipment, data, software, or any other property when you access, browse, download from, upload to, or otherwise use the Service, the Site or any product or content on the Site.

ImageStation expressly disclaims all warranties of any kind, whether express or implied, including but not limited to any warranty of merchantability, fitness for a particular purpose or non-infringement of any products, content, information or service published on, or available through the Site or the Service.

Some jurisdiction to not allow the exclusion of certain warranties, so some of the above exclusions may not apply to you.

12. Disclaimer of Damages; Limitation of Liability

Even if ImageStation, or any of its authorized representatives have been advised of the possibility of such damages, under no circumstances (including but not limited to ImageStation's negligence), shall ImageStation be liable for any direct, indirect, consequential, incidental, special or punitive damages for any claim, loss and/or causes of action, whether in contract, tort (including but not limited to negligence) or otherwise. related to:

(a) the quality, reliability, accuracy, completeness, of the Service;
(b) any modification, alteration, publication, display, failure to store, failure to index, loss, deletion, alteration, loss of access, or damages of or to your Member Content, computer equipment, software, data, or any text, image, video, music, sound, audio or other material that result from your use of the Site or the Service;
(c) any harm, errors, omissions, cost, losses, or damages arising from the use of, or inability to use (whether because of interruption, suspension, termination or otherwise) of the Site, the Service, Member Content or any content, products, services or information provided on the Site;
(d) any failures, delays, misdeliveries, or interruptions in the Service or any content, products, services or information on the Site;
(e) any harm resulting from downloading or accessing any Member Content, or any other content, products, services or information provided on the Site
(f) any unauthorized access to or alteration of Member Content or any breach of security related to any server used by the Site or the Service; or
(g) the cost of procurement of any substitute goods or services.

Some jurisdictions do not allow the exclusion or limitation of consequential or incidental damages, and therefore, the above limitation may not apply to you. Some Members may have additional rights.

If, despite the above limitations, Sony and/or ImageStation were found responsible to a Member for any reason whatsoever, this liability will not exceed one hundred dollars ($100)

13. Privacy

It is ImageStation's policy to respect the privacy of all of its customers. For more information, please see our full privacy policy published at [www.imagestation.com].

14. Site Content

Domestic and foreign copyright, trademark, patents, and other intellectual property rights law and international treaties, and other laws, protect all material, data, text, images, photos, video, graphics, music, sound and audio files available on the Site ("Site Content"), both as individual works and as a collection. Unless authorized, you may not copy, reproduce, display, perform distribute, or create derivative works from the Site Content, without being expressly authorized to do so by the owners of the intellectual property or proprietary rights in such Content.

You may download or use individual images, photos, video, graphics, music, sound, and audio files that are displayed in the Community Area of the Site only for personal non-commercial use. You may not copy, reproduce, retransmit, distribute, publish, commercially exploit, or otherwise transfer any part of the Site Content in any format, electronic or otherwise.

15. Copyrighted Material

ImageStation respects the intellectual property of others, and requires that its users and Members do the same.

You may not place any material protected by copyright anywhere on the Site without the express permission of the author or owner of the copyright in that material.

ImageStation will promptly take down or block access to infringing or allegedly infringing material on its servers if ImageStation becomes aware that such material infringes the copyright rights of a third party, whether ImageStation identifies such infringement in the course of its ordinary and reasonable business activities, or through notification by a third party. ImageStation will promptly contact the Member responsible for the Member Content, and alert him or her of the allegations of infringement, and of ImageStation's take down or blocking of the allegedly infringing material. If the Member believes that the removal or blocking of his or her material was a result of a mistake or a misidentification of the material, the Member shall provide ImageStation a counter-notification establishing the Member's rights to display the material in question, as well as any other information ImageStation shall request. Upon receipt, ImageStation will promptly forward the counter-notification to the party that claims to be the copyright owner. If that party then does not file suit to enjoin the alleged infringement, ImageStation will re-post or unblock the material within 14 days after receiving the counter notification.

If you believe that your work has been copied in a way that constitutes copyright infringement, and appears on the Site, please provide ImageStation' copyright agent, designated below, the following information:

1. an electronic or physical signature of the person authorized to act on behalf of the owner of the copyright interest;

2. a description of the copyrighted word that you claim has been infringed;

3. a description of where the material that you claim is infringing is located on the Site;

4. your address, telephone number and email address;

5. a statement by you that you have a good faith belief that the disputed use is no authorized by the copyright owner, its agent or the law;

6. a statement by you, made under penalty of perjury, that the above information in your notice is accurate and that you are the copyright owner or authorized to act on behalf of the copyright owner.

ImageStation's agent for notice of claims of copyright infringement on the Site is Christopher W. Ekren who can be reached as follows:

Christopher W. Ekren
Copyright Agent
C/o ImageStation
16765 W. Bernardo Drive
San Diego, CA 92127
Phone: 858-942-7775
Fax: 858-942-8171
Email: Christopher.ekren@am.sony.com

16. Indemnity

Since you are responsible for your Member Content and the consequences of its use and publication, you agree to indemnify and hold ImageStation, its parents, subsidiaries, affiliates, officers, employees, licensors, contractors and users harmless from and against any and all claims, demands, and expenses, including attorneys' fees, made by any third party, due to or arising from: (a) your use of the Site or the Service; (b) your violation of this Member Agreement; (c) your violation of a third party's privacy rights; (d) your violation or infringement of a third party's copyright, trademark, trade secret, patent, or other intellectual property rights; (e) any libelous or unlawful material contained within your Member Content; or (f) your violation of this Membership Agreement.

17. Force Majeure

ImageStation is not liable for any delay or failure in performance resulting directly or indirectly from causes beyond its reasonable control, including, without limitation, failure of the Internet, power failure, failure of computer, telecommunication or other equipment, strikes, labor disputes, riots, insurrections, civil disturbances, shortage of labor or materials, fires, floods, storms, explosions, act of God, war, governmental actions, orders of domestic or foreign courts, non-performance of third parties.

18. Termination of Service

If you object to any portion of this Membership Agreement, or any subsequent modification thereto, or become dissatisfied with the Service, the Site, or any materials, data, text, images, video, audio, music, sound or other Site Content, or any transaction entered into through the Site or Service, your only recourse is to immediately discontinue use of the Service and notice ImageStation of such termination. ***The preceding sentence sets forth your sole and exclusive remedy regarding any objection to the terms of this Membership Agreement, or any dissatisfaction with the Service or the Site***.

ImageStation reserves the right, in its sole discretion, to terminate all or a portion of the Service at any time and for any reason.

ImageStation reserves the right, in its sole discretion, to terminate your membership in the Site, or to remove your Member Content (including unlisted, password protected and unassigned Member Content) or to edit, delete or remove any postings from the Site without prior notice for any cause or no cause in its sole discretion.

Any termination under any provision of this Membership Agreement may be effected without prior notice, and ImageStation may immediately delete and discard all of your Member Content, and bar any further access to such files on the Site or through the Service. Upon any termination of your membership, or of this Membership Agreement, your right to use the Service will immediately cease. ImageStation will have no obligation thereafter to host or provide access to your Member Content, or to forward any materials stored through the Service or any unread or unsent messages. ImageStation may retain certain materials for administrative and other reasons.

19. Notices; Questions

All notices from a Member to ImageStation shall be in writing, and shall be made or delivered to ImageStation via email or conventional mail

If you have any question about the Service, this Membership Agreement, please feel free to contact us support @ImageStation.com.

20. Choice of Law

This Membership Agreement shall be constructed and controlled by the laws of the State of California, excluding its conflict of law provisions. With the exception of ImageStation's rights to pursue injunctive relief in any court of competent jurisdiction, you agree to submit to the exclusive jurisdiction of the state and federal courts of the State of California.

21. General

This Membership Agreement constitutes the entire agreement between you and ImageStation with respect to the Service; and your Member Content, and it supersedes any other agreement, proposals and communications, written or oral, between you and any ImageStation representatives with respect to the Service and your Member Content.

If a court of competent jurisdiction holds that any provision of this Membership Agreement is illegal, unenforceable, or contrary to law, such provision shall be construed, as nearly as possible to reflect the original intent of this Membership Agreement, with the other provisions remaining in full force and effect.

Any failure by ImageStation to exercise or enforce any right or provision of this Membership Agreement shall not constitute a waiver of such rights or provision unless ImageStation acknowledges and agrees to it in writing.

ImageStation may assign this Membership Agreement to any third party at its sole discretion. You shall not assign or sublicense the rights granted under this Membership Agreement without the prior written authorization of ImageStation.

You and ImageStation agree that any cause of action arising out of, or related to the Service or the Site must commence without one (1) year after the cause of action arose, otherwise, such cause of action is permanently barred.

Please check "http://www.imagestation.com/" for the latest information.

http://www.sony.net/

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