

**SONY®**

# ***Digital Home Receiver™***

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Hardware Setup Instructions

 ***CABLEVISION***

***DHG-B45CV***

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## WARNING

To reduce the risk of fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

## Note on Cleaning the Unit

Clean the unit with a soft dry cloth. Never use strong solvents such as thinner or benzine, which might damage the finish of the cabinet.

## Note to CATV System Installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Use of this television receiver for other than private viewing of programs broadcast on UHF or VHF or transmitted by cable companies for the use of the general public may require authorization from the broadcaster/cable company and/or program owner.

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## Features May Change

The features described in this manual may change due to unscheduled automatic software upgrades activated by the service provider without prior notice.

## Customer Service

If you have any problems with this unit, please contact the following:

**CABLEVISION SYSTEMS CORPORATION  
CUSTOMER SERVICE  
TEL: (516) 802-DSTB (3782)**

## Regulatory Information

### Declaration of Conformity

Trade Name: SONY  
Model No.: DHG-B45CV  
Responsible Party: Sony Electronics Inc.  
Address: 1 Sony Drive  
Park Ridge, NJ 07656  
Telephone No: 201-930-6972

This device complies with Part 15 of the FCC rules. Operation is subject to the two following conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.

## NOTIFICATION

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ☐ Ensure that the RF input connector is securely attached.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

## Safety Instruction for Pluggable Equipment

The socket-outlet shall be installed near the equipment and shall be easily accessible.

## Safety

- ☐ Operate the unit only on AC 60 Hz 110-120 V.
- ☐ The plug is designed, for safety purposes, to fit into the wall outlet only one way.
- ☐ If any liquid or solid object should fall inside the cabinet, unplug the unit immediately and have it checked by qualified service personnel before operating it further.

## Installing

- ☐ To prevent internal heat buildup, do not block the ventilation openings.
- ☐ Do not install the unit in a hot or humid place, or in a place subject to excessive dust or mechanical vibration.

## Owner's Record

The model and serial numbers are provided on the front of this instruction manual and at the bottom of the unit. Refer to them whenever you call upon your Sony dealer regarding this product.

## Important Safety Notice

For your protection, please read these instructions completely, and keep this manual for future reference.

Carefully observe and comply with all warnings, cautions and instructions placed on the set, or described in the operating instructions or service manual.

## WARNING

To guard against injury, the following basic safety precautions should be observed in the installation, use, and servicing of the set.

## Use

### Power Sources

This set should be operated only from the type of power source indicated on the serial/model plate. If you are not sure of the type of electrical power supplied to your home, consult your local power company.

### Overloading

Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.

Always turn the set off when it is not being used. When the set is left unattended and unused for long periods of time, unplug it from the wall outlet as a precaution against the possibility of an internal malfunction that could create a fire hazard.

### Object and Liquid Entry

Never push objects of any kind into the set through the cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the set.

### Cleaning

Unplug the set from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners.

Use a cloth lightly dampened with water for cleaning the exterior of the set.

## Installation

### Water and Moisture

Do not use power-line operated sets near water — for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

### Accessories

Do not place the set on an unstable cart, stand, table or shelf. The set may fall, causing serious injury to a child or an adult, and serious damage to the set. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

## Ventilation

The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of the set, and to protect it from overheating, these slots and openings must never be blocked or covered.

- ☐ Never cover the slots and openings with a cloth or other materials.
- ☐ Never block the slots and openings by placing the set on a bed, sofa, rug or other similar surface.
- ☐ Never place the set in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.
- ☐ Do not place the set near or over a radiator or heat register, or where it is exposed to direct sunlight.

## Power-Cord Protection

Do not allow anything to rest on or roll over the power cord, and do not place the set where the power cord is subject to wear or abuse.

## Lightning

For added protection for this receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable. This will prevent damage to the receiver due to lightning and power-line surges.

## Service

### Damage Requiring Service

Unplug the set from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- ☐ When the power cord or plug is damaged or frayed.
- ☐ If liquid has been spilled into the set.
- ☐ If the set has been exposed to rain or water.
- ☐ If the set has been subject to excessive shock by being dropped, or the cabinet has been damaged.
- ☐ If the set does not operate normally when following the operating instructions. Adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the set to normal operation.
- ☐ When the set exhibits a distinct change in performance — this indicates a need for service.

### Servicing

Do not attempt to service the set yourself since opening the cabinet may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

### Safety Check

Upon completion of any service or repairs to the set, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the set is in safe operating condition, and to so certify.

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# *Introducing the Digital Home Receiver*

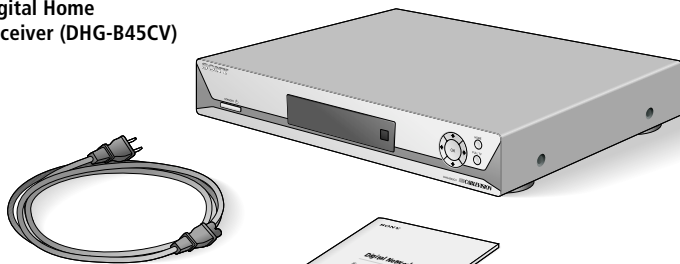
## *Unpacking*

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### *Supplied Items*

The following items are supplied:

Digital Home  
Receiver (DHG-B45CV)



AC Power Cord

Hardware  
Setup Instructions

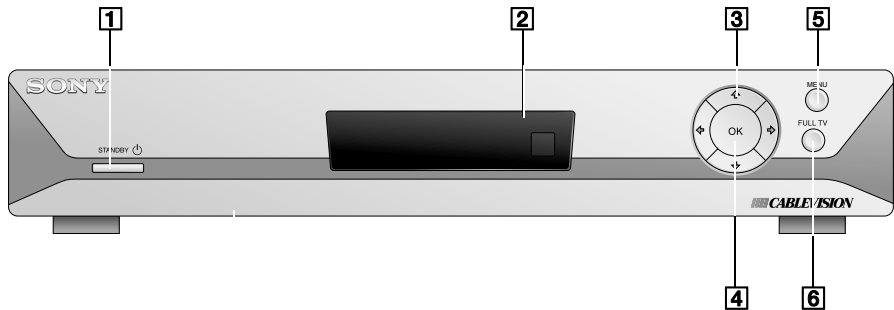
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### *Items Supplied Separately by Cablevision*










The following items are supplied separately by Cablevision:

- ☐ Remote control
- ☐ Access card
- ☐ RF cable (to wall)
- ☐ Cablevision User Guide

## Front Panel

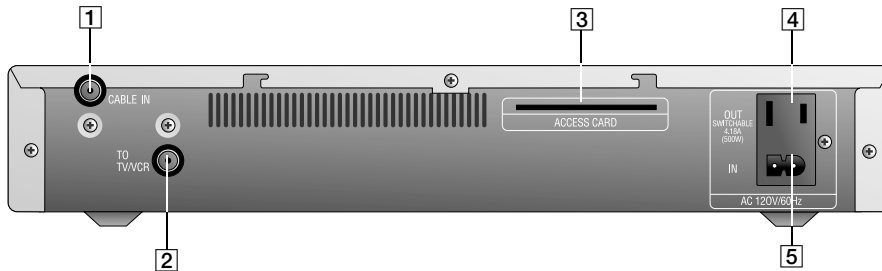


### Front Panel Controls and Indicators

Control or Indicator	Description
<b>1</b> STANDBY 	Switches the Digital Home Receiver between active and standby modes.
<b>2</b> Front Panel Display	Provides channel number and current time.
<b>3</b> Arrows (     )	Moves the highlight within menus and guides. When watching TV in FULL TV mode, the up and down arrows (   ) change the channel. The left and right arrows (   ) decrease and increase the volume of the audio.
<b>4</b> OK	Selects the highlighted on-screen item.
<b>5</b> MENU	Displays the Menu screen (see the Cablevision user guide for details).
<b>6</b> FULL TV	Displays a full screen display of the last channel.




## Rear Panel










Connection	Description
<b>1</b> CABLE IN	Connects to Cablevision cable network signals using an RF coaxial cable.
<b>2</b> TO TV/VCR	Outputs audio (variable) and video signals to the VHF/UHF (or RF) input on your TV or VCR using an RF coaxial cable.
<b>3</b> ACCESS CARD Slot	The slot in which the Access Card is inserted.
<b>4</b> AC OUT	AC power switchable outlet (AC, 60Hz, 120V, 4.16A approx. 500W), for connecting your TV or VCR's AC power cord (see the Cablevision user guide for details).
<b>5</b> AC IN	Inputs AC power from a power outlet using the AC power cord.

## Using the Remote Control (RM-Y806)



 The following describes the Sony RM-Y806 remote control. If Cablevision supplied you with a different remote control, see the manual that came with that remote for details.

Buttons that are highlighted below can also be used to operate your TV and VCR after you've programmed the remote control. For details, see "Programming the Remote Control" on page 5.

Button	Description
MUTE	Mutes the sound. Press again or press VOL to restore the sound.
VCR POWER	Turns the VCR on and off.
TV POWER	Turns the TV on and off.
CABLE POWER	Switches the Digital Home Receiver between active and standby modes.
INPUT	Selects (toggles through) the video inputs.
VCR FUNCTION	Activates the remote control for use with a VCR.
TV FUNCTION	Activates the remote control for use with a TV.
CABLE FUNCTION	Activates the remote control for use with the Digital Home Receiver.
VIEWER	Displays the Viewer screen (see the Cablevision user guide for details).
	Rewind video.
	Play video.
	Fast-forward video.
 and 	Record (press simultaneously).
	Stop video.
	Pause video.
FAV	Displays the Favorites screen (see the Cablevision user guide for details).
0 – 9	Selects a channel number directly. For example, to select channel 6, enter 006. Or you can enter 6 and then # (the ENTER button).
*	Selects the " *" indicated advertisement frame in the displayed screen.
#	ENTER button, used for confirming channel numbers (see 0-9 description above).
GUIDE	Displays the Guide screen (see the Cablevision user guide for details).
MENU	Displays the Menu screen (see the Cablevision user guide for details).

*continued*

<b>Button</b>	<b>Description</b>
FULL TV	Displays a full screen display of the last channel.
Arrows (↔ → ⇧ ⇩)	Moves the highlight within menus and guides.
OK	Selects the highlighted item.
BACK	Displays the previous screen.
FWD	Displays the next screen.
LAST CH	Toggles between the last and current channel.
DISPLAY	Displays the Title Bar (see the Cablevision user guide for details).
VOL +/-	Adjusts the volume.
CH +/-	Changes the channel.
CODE SET	Used for programming the remote control to operate non-Sony video equipment. For details, see "Programming the Remote Control" on page 5.

## Programming the Remote Control

The remote control is preset at the factory to operate any Sony brand TV and VCR. If you have any other brand of TV or VCR, use the following procedures to program the remote to use the highlighted buttons shown on pages 4 and 5.

### To program the remote

- 1 Turn to "Remote Control Programmable Codes" on page 7, and find the 3-digit code for your TV or VCR. If more than one code is listed, use the number listed first to complete the following procedures.
- 2 Press the CODE SET button.
- 3 Enter the 3-digit code using the 0-9 buttons.
- 4 Press the # button (located below the "9" button).

### To check if the code works

- 1 Aim the remote control at the component you just programmed (e.g. aim at the TV and press TV POWER).
- 2 If the component responds, try the CH+ and CH- buttons. If the component responds, you're done.

**If the component does NOT respond**

Try programming the remote using the other codes listed for your brand. If you still cannot get your component to respond after trying all the codes, your component may not be compatible with this remote. If this happens, you must use your component's remote to operate it. Or, as an alternative, you can use the following instructions to program the Digital Home Receiver's remote to control the volume level.

---

**Programming the Remote to Control Volume Level**

If you cannot successfully program the Digital Home Receiver's remote to control your TV (as described on page 5), you can still use this remote to control the volume level (and MUTE) that is output from the Digital Home Receiver's TO TV/VCR jack.

**To program the remote to control the volume level**

- 1 Press the CODE SET button.
- 2 Enter 200 using the 0-9 buttons.
- 3 Press the # button (located below the "9" button).

**To check if the code works**

- 1 Aim the remote control at the Digital Home Receiver.
- 2 Press the VOL+, VOL-, or MUTE button. If the volume level responds, you're done.

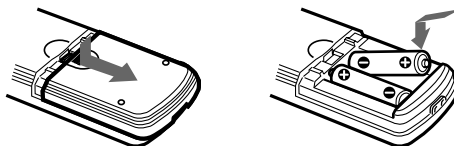
**If you replace the TV or purchase a new one**


Try programming the remote control as described on page 5, or you can continue to control only the volume level as described in this section.

---

**Replacing Batteries in the Remote**

When the batteries need to be replaced, insert two size AA batteries by matching the + and - on the batteries to the diagram inside the battery compartment. Then replace the battery compartment lid.



 Remove the batteries to avoid damage from possible battery leakage whenever you anticipate that the remote control will not be used for an extended period.

Handle the remote control with care. Avoid dropping it, getting it wet, or placing it in direct sunlight, near a heater, or where the humidity is high.

## Remote Control Programmable Codes

### TV Codes

<b>Manufacturer</b>	<b>Code</b>
Sony	101
Akai	103
Bell & Howell	138
Centurion	112
Coronad	113
Daewoo	135, 136
Emerson	120, 121, 122, 123
Fisher	125
General Electric	102, 118
Goldstar	130
Hitachi	131, 132
JVC	128, 129
KTV	133, 134
Magnavox	111
Marantz	124
Panasonic	116, 117, 118
Pioneer	137
Radio Shack	115
RCA	102, 104, 105, 106, 107, 108
Samsung	126, 127
Sears	119
Sharp	114
Symphonic	139
Toshiba	119
Zenith	109, 110

### VCR Codes

<b>Manufacturer</b>	<b>Code</b>
Sony VHS	301
Sony 8mm	302
Sony Beta	303
Bell & How	343
Daewoo	341
Emerson	316, 317, 318, 319, 320
Fisher	330, 333, 334, 335
General Electric	304, 329
Go Video	339, 340
Goldstar	332
Hitachi	304, 305
JVC	314
Kenwood	314, 336, 332, 337
Magnavox	308, 309, 310
Mitsubishi	323, 324, 325, 326
NEC	336, 337
Panasonic	306, 307
Philips	310
RCA	305
Samsung	313, 321, 322
Scott	312
Sharp	327, 328
Shintom	315
Sympho	338
Teknica	342, 338
Toshiba	311
Zenith	331



# Connecting the Digital Home Receiver

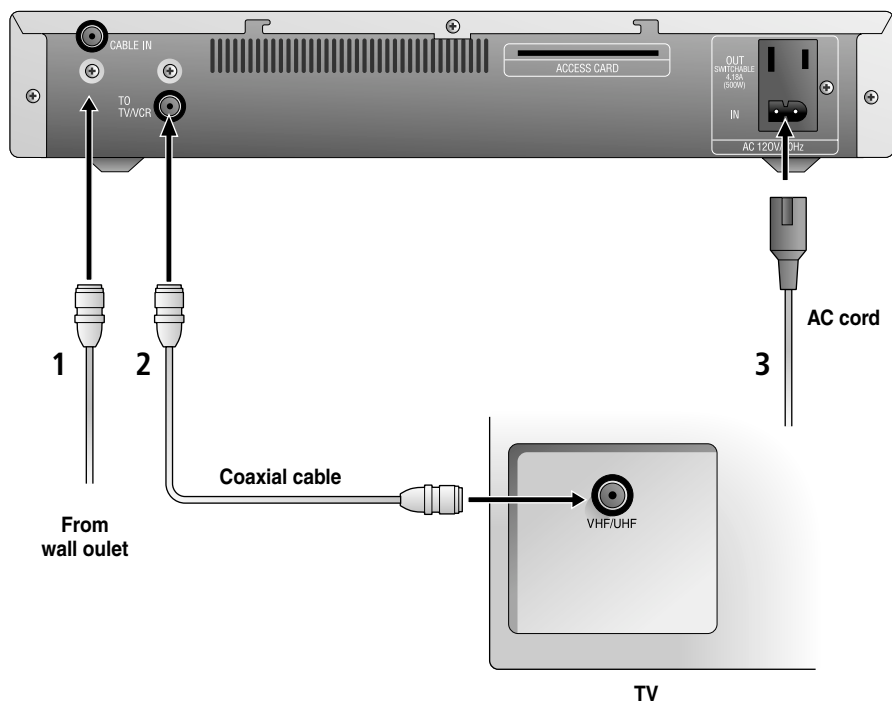
## Overview

This chapter includes illustrated instructions for setting up your Digital Home Receiver:

To Connect	See Page
TV with RF Connector Only	9
TV and VCR with RF Connectors Only	10

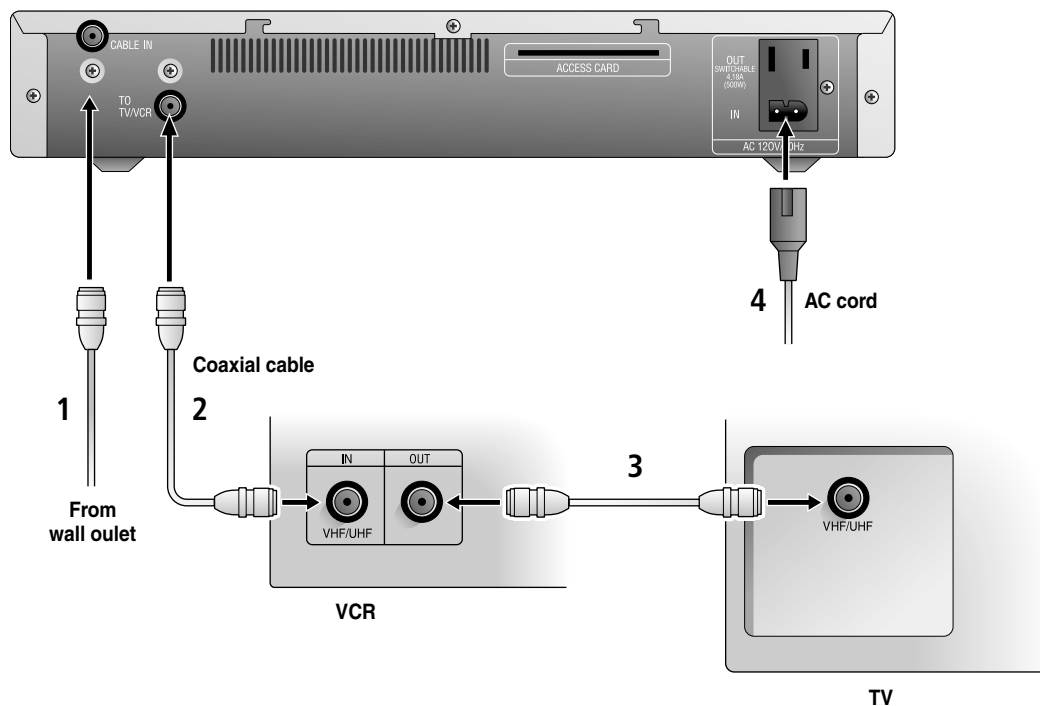
## TV with RF Connector Only

- 1 Connect the coaxial cable from the wall outlet (Cablevision cable network signal) to the Digital Home Receiver's CABLE IN jack.
- 2 Connect the Digital Home Receiver's TO TV/VCR jack to the TV's VHF/UHF IN (or RF IN) jack.
- 3 Connect one end of the AC power cord to the Digital Home Receiver's AC IN jack, then connect the plug end to an AC outlet.
- 4 Tune to channel 3 on your TV to see cable channels.



## TV and VCR with RF Connectors Only

- 1 Connect the coaxial cable from the wall outlet (Cablevision cable network signal) to the Digital Home Receiver's CABLE IN jack.
- 2 Connect the Digital Home Receiver's TO TV/VCR jack to the VCR's VHF/UHF IN (or RF IN) jack.
- 3 Connect the VCR's VHF/UHF OUT (or RF OUT) jack to the TV's VHF/UHF IN (or RF IN) jack.
- 4 Connect one end of the AC power cord to the Digital Home Receiver's AC IN jack, then connect the plug end to an AC outlet.
- 5 Set your VCR's channel switch (usually on the rear panel) to channel 3.





# Other Information

## Troubleshooting

<b>Problem</b>	<b>Possible Remedies</b>
Cannot display cable channels	<p>If you connected the Digital Home Receiver to your TV with an RF connection (as described on page 9) you need to tune your TV to channel 3 in order to see cable channels.</p> <p>If you connected the Digital Home Receiver to your VCR with an RF connection (as described on page 10) you need to set your VCR's RF channel switch (usually on the rear panel) to channel 3 in order to see cable channels.</p> <p>If channel 3 is not an empty channel in your channel line-up, you can set the TV or VCR to channel 4, but you must also change the Digital Home Receiver's RF channel to channel 4 in order to see cable channels. For details see, "Changing the Digital Home Receiver's RF Output Channel" on page 12.</p>
Sony remote control (RM-Y806) does not operate	<ul style="list-style-type: none"><li><input type="checkbox"/> Batteries could be weak. Replace the batteries (see page 6).</li><li><input type="checkbox"/> Check the orientation of the batteries (see page 6).</li><li><input type="checkbox"/> Make sure you press the FUNCTION button (TV, VCR, CABLE) of the device you want to control (see page 4).</li><li><input type="checkbox"/> If you are trying to control a TV or VCR that is not a Sony brand, you must first program the remote to operate these devices (see page 5).</li><li><input type="checkbox"/> Locate the TV at least 3-4 feet away from fluorescent lights.</li></ul>
Volume problems when recording to VCR	<p>If you connected your VCR to the Digital Home Receiver's TO TV/VCR jack and you programmed the remote to control the Digital Home Receiver's volume as described on page 6, be sure to do the following when recording:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Maximize the Digital Home Receiver's volume.</li><li><input type="checkbox"/> Make sure MUTE is off.</li><li><input type="checkbox"/> Make sure you do not change these volume controls while you are recording.</li></ul>

**Changing the Digital Home Receiver's RF Output Channel**

If you connected the Digital Home Receiver to your TV or VCR using an RF connection (as described on pages 9 and 10), you need to set the RF output channel of the Digital Home Receiver to match the RF channel (channel 3 or 4) of the cable service provided in your area. The Digital Home Receiver is shipped with its RF output channel set to channel 3.

**To set the RF output channel of the Digital Home Receiver**

- 1 Using the buttons on the front panel, first press the **STANDBY** button to turn off the Digital Home Receiver, which puts the unit in standby mode.
- 2 To set the Digital Home Receiver to channel 3 or 4:

<i>To Use RF</i>	<i>Press These Front Panel Buttons Sequentially</i>
Channel 3	⬆ (cursor up), ➡ (cursor right), ⬇ (cursor down)
Channel 4	⬆ (cursor up), ➡ (cursor right), ⬆ (cursor up)

- 3 Do one of the following:
  - ❑ If you connected the Digital Home Receiver to your TV (as described on page 9), tune your TV to channel 3 to see cable channels.
  - ❑ If you connected the Digital Home Receiver to your VCR (as described on page 10), set your VCR's RF channel switch (usually on the rear panel) to channel 3 to see cable channels.

## Specifications

### Inputs and Outputs

Cable In	Input	75-ohm F-connector Female (1)
To TV/VCR	Output	75-ohm F-connector Female (1)
AC	Input	Supplied AC power cord
	Output	AC 60 Hz, 120 V, 4.16A (approx. 500W) Switchable

### General

Input frequency	54 MHz – 864 MHz
Output frequency	5 MHz – 42 MHz, 61 MHz – 72 MHz
Power requirements	AC 60 Hz 120 V 0.6A
Power consumption	30W Typical, 120 V
Operating temperature	5°C to 35°C (35°F to 51°F)
Operating relative humidity	45% to 85%
Dimensions	Approx. 355 × 65 × 309 mm (w/h/d) (Approx. 14 × 2-9/16 × 12-3/16 inches) including projecting parts and controls
Mass	Approx. 3.0 kg (6.5 lbs)

### Accessories

#### Supplied

AC power cord (1)

#### Optional Sony Branded Digital Home Receiver Accessories

Remote Commander, RM-Y806 (includes AA batteries)

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