

カメラコントロールユニット/ Camera Control Unit

YS-W100

取扱説明書 2 ページ

お買い上げいただき、ありがとうございます。

お使いになる前に、この取扱説明書をお読みください。

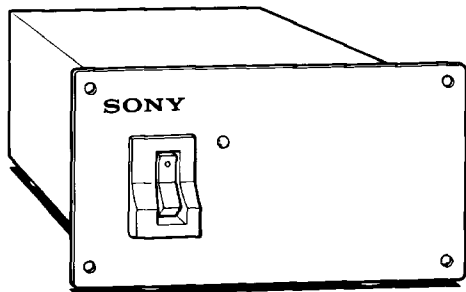
お読みになった後は、後日お役に立つこともありますので、必ず保存してください。

Operating Instructions page 8

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Mode d'emploi page 14

Avant la mise en service de cet appareil, prière de lire attentivement ce mode d'emploi que l'on conservera pour toute référence ultérieure.



Owner's Record

The model and serial numbers are located on the bottom.
Record the serial number in the space provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. YS-W100

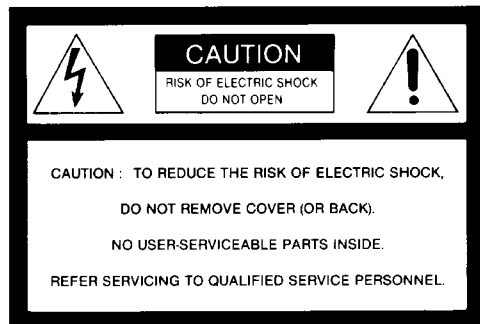
Serial No. _____

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WARNING

To prevent 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.

Warning—This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Important—To insure that the complete system (including this peripheral) is capable of complying with the FCC requirements, it is recommended that the user make sure that the individual equipment of the complete system has a label with one of the following statements.

"This equipment has been tested with a Class A Computing Device and has been found to comply with Part 15 of FCC Rules."

-or-

"This equipment complies with the requirements in Part 15 of FCC Rules for a Class A Computing Device."

-or equivalent.

For the customers in Canada

CAUTION:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

THIS APPARATUS COMPLIES WITH THE CLASS A LIMITS FOR RADIO NOISE EMISSIONS SET OUT IN RADIO INTERFERENCE REGULATIONS OF CANADA.

Precautions

Safety

- Operate the unit only on 120 V AC.
- One blade of the plug is wider than the other for the purpose of safety and will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not going to be used for several days or more. To disconnect the cord, pull it out by the plug. Never pull the cord itself.

Installation

- The unit is designed for operation in a horizontal position. Do not install it in an inclined position.
- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation slots.
When the unit is mounted in a rack, ventilation slot should be opened on the top of the rack.
- Do not install the unit in a hot or humid place or in a place subject to excessive dust or mechanical vibration.

Cleaning

Clean the unit with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzene as they might damage the finish of the cabinet.

Repacking

Retain the original carton and packing materials for safe transport of this unit in the future.

Outline and Features

The YS-W100 is a control unit for security surveillance system for use with a video camera and monitors. The unit supplies power and sync signals to the camera, and transmits video signals from the camera to the monitors.

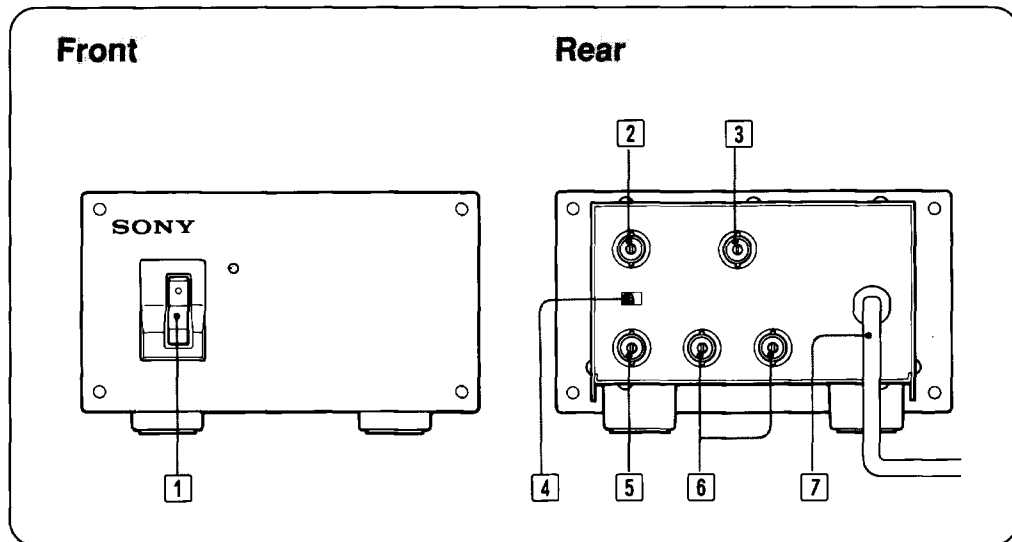
Use only the Sony HVM-200 and HVM-3200 for a video camera to be connected.

When you connect other video camera, the system does not operate.

Features

- When two or more YS-W100 units are used, the same sync signal from the first YS-W100 can be supplied to cameras connected to the others.
- The video signal, external sync signal and the power can be transmitted with one coaxial cable, which allows easy installation.

Location and Function of Parts



1 POWER switch

Depress the ON side to turn on the power.
Depress the OFF side to turn off the power.

2 SYNC IN connector (BNC type)

When two control units are used, connect to the VIDEO OUT connector or the SYNC OUT connector of the other control unit for synchronization.
See the "Connecting two or three control units" on page 12.

3 CAMERA IN connector (BNC type)

Connect to the video output of the Sony HVM-200 or HVM-3200 video camera.

4 75Ω ON/OFF switch

Set to ON to terminate the SYNC IN connector at 75Ω.
Set to ON when one control unit is used. When two or more control units are connected, set to ON for the first and last control units. Set to OFF for other control units in the connection.

5 SYNC OUT connector (BNC type)

Loop-through output of the SYNC IN connector.
When three control units are used, connect to the SYNC IN connector of the other control units for synchronization.
See the "Connecting two or three control units" on page 12.

6 VIDEO OUT 1, 2 connectors (BNC type)

Connect to the video input of a monitor. The pictures input from the CAMERA IN connector are displayed on the monitors.
When two control units are used, connect it to the SYNC IN connector of the other unit for synchronization.
See the "Connecting two or three control units" on page 12.

7 AC power cord

Notes

- Turn on the power of the control unit after connecting the camera. Otherwise the pictures will not be displayed on the monitor.
- When turning on this unit again after turning it off, wait for three or four seconds before depressing POWER.

Connections

Notes on Connections

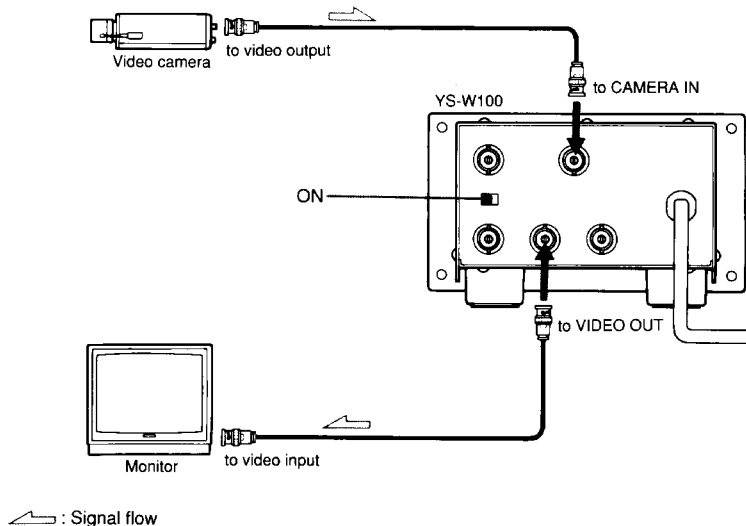
- Only the Sony HVM-200 or HVM-3200 video camera can be used with the YS-W100.
- Turn off all equipment before connection. If the YS-W100 is turned on before connecting cameras, the power will not be supplied to the camera.
- Use 75-ohm coaxial cable for connection between the YS-W100 and a camera. Refer to the cable length in the following tables as too long cables may cause incorrect operation.

Type of cable	Maximum extendible length
RG-59B/U or 3C-2V	130 m/426 feet (320 m/1049 feet)
RG-6A/U or 5C-2V	300 m/984 feet (500 m/1640 feet)
RG-11A/U or 7C-2V	600 m/1968 feet (680 m/2231 feet)

Lengths in parentheses: when a camera is operated on 24 V AC.

- Do not connect the signal splitter or booster amplifier between the control unit and cameras.

Connecting One Camera and One Monitor



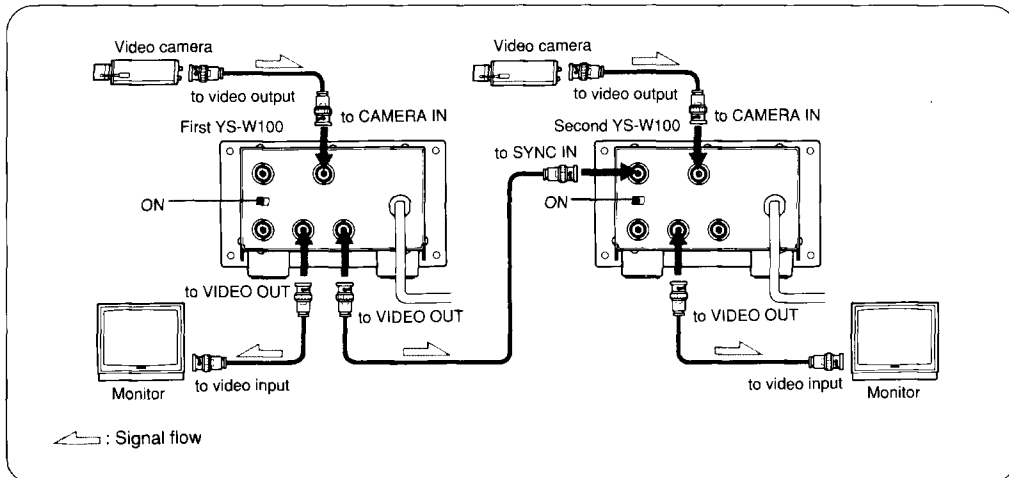
Connecting Two or Three Control Units

The sync signal of the first control unit can be supplied to the cameras connected to the second and third control units as the external sync signal in order to synchronize these cameras.

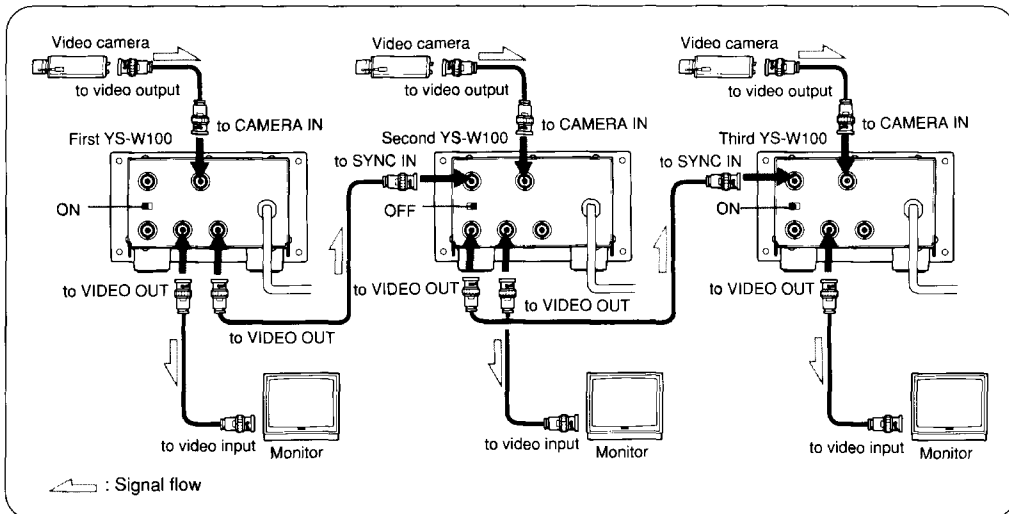
Note

Turn on the power of each control unit after completing all the connections.

Connecting two control units



Connecting three control units



Specifications

Power requirements	120 V AC, 60 Hz
Power consumption	22 W
Inputs	CAMERA IN: BNC connector NTSC color, 1 Vp-p, 75 ohms, unbalanced, sync negative, Frequency division multiplex system
	SYNC IN: BNC connector H sync: 15.73426 kHz V sync: 59.94 Hz Composite sync: 4 Vp-p, 75 ohms VS: 1 Vp-p, 75 ohms VBS: 1 Vp-p, 75 ohms
Outputs	VIDEO OUTPUT 1, 2: BNC connector 1 Vp-p, 75 ohms SYNC OUT: BNC connector Through out of SYNC IN signal.
Operating temperature	-10°C to +40°C
Dimensions	140.0 × 85.2 × 283.1 mm (w/h/d) (5 ⁵ / ₈ × 3 ³ / ₈ × 11 ¹ / ₄ inches) including projecting parts and controls
Weight	Approx. 2.1 kg (4 lb 10 oz)

Design and specifications are subject to change without notice.