

# HVS-190S/190OU

# HVS-190I Quick Setup Guide

HVS-190S / 190OU Packing List  
 HVS-190S, HVS-190OU  
 MU/OU Connection Cable, AC cord, AC Adapter,  
 Quick Setup Guide (This guide)

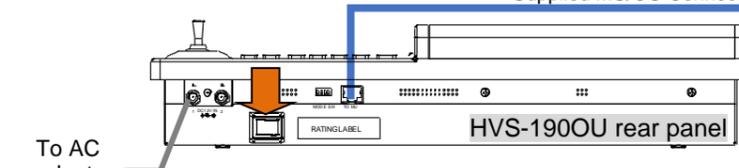
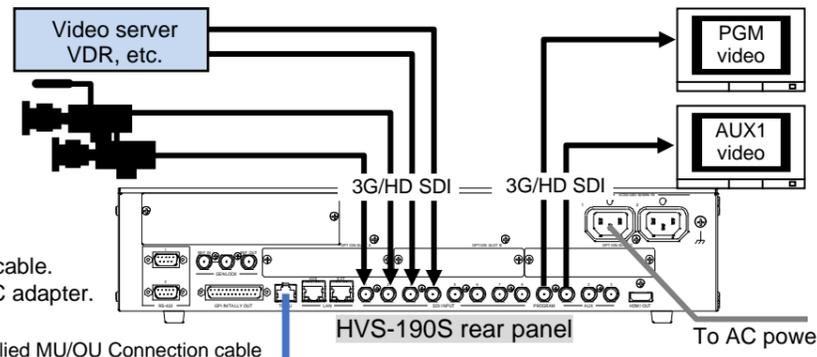
HVS-190I Packing List  
 HVS-190I  
 AC Adapter, Power cord  
 Quick Setup Guide (This guide)



## 1. Connection

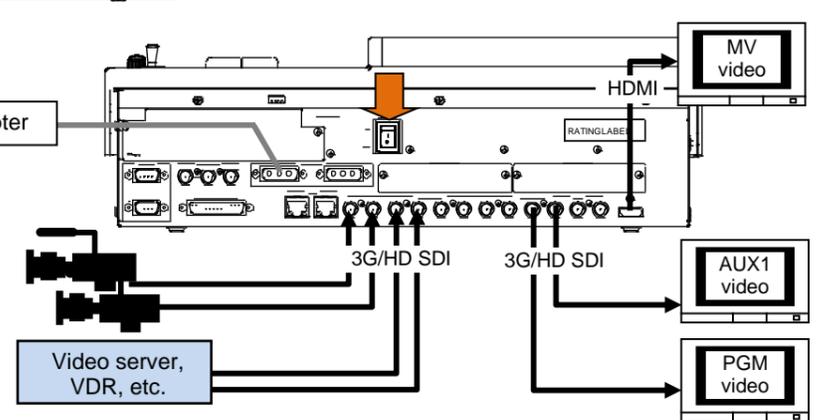
### HVS-190S/190OU

- Connect SDI video signal inputs.
- Connect SDI video signal outputs.
- Connect HVS-190S and 190OU using the supplied cable with 190OU.
- Supply power to HVS-190S using the supplied AC cable.
- Supply power to HVS-190OU using the supplied AC adapter.
- Turn on power switches on the HVS-190S front panel and the 190OU rear panel.



### HVS-190I

- Connect SDI video signal inputs.
  - Connect SDI video signal outputs.
  - Connect the AC adapter to the switcher.
  - Supply AC power to the AC adapter.
  - Turn on the power switch on the rear panel.
- Supply AC power after the AC adapter is connected to the switcher. Otherwise the switcher internal parts may be damaged.



## 2. Setup

### Select the System Signal Format

- The [MENU] button on the control panel should blink at power ON. Press [MENU], then [SETUP].
  - The [SETUP] menu top page appears in the menu display. Turn [F1] to select SYSTEM, then press [F1] to display the submenu.
  - Turn [F1] to select FORMAT, then press [F1] to display the submenu.
  - Turn [F1] to select the signal format, then press [F1]. Change the aspect ratio and switch timing, as necessary.
  - Press the page up button to return to the [SETUP > SYSTEM] menu.
  - Turn [F1] to select REBOOT, then press [F1]. A confirmation message will appear. Press [ENTER] in the SELECT/KEYPAD block to reboot the switcher.
- ▶ See Sec. 2-2. "Selecting the Video Format (System Mode)" in the User Manual for more details.

### Set Date, Time and Time Zone

Open the [SETUP > SYSTEM > TIME] menu to set date, time and time zone.  
 ▶ See Sec. 17-1-2. "Date and Time Settings" in the User Manual for more details.

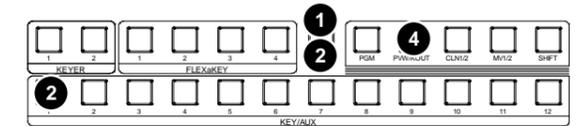
### Set the Frame Synchronizer Function to ON if using an internal lock

- Open the [SETUP > INPUT > SIGNAL] menu.
  - Turn [F1] to select IN01. Turn [F4] to set FS to ON.
  - Turn [F1] to select IN02. Turn [F4] to set FS to ON. Set FS to ON for other inputs.
- ▶ See Sec. 7-2. "Frame Synchronizer" in the User Manual for more details.

## 3. Select Output Video

### To Output PVW (Preview) Video from AUX1

- Press [AUX SEL] to turn on the button light.
- Press [1] (AUX1) in the bottom row while holding down [AUX SEL].
- Release [AUX SEL].
- Press [PVW/KOUT] to display the PVW video on AUX1 output.

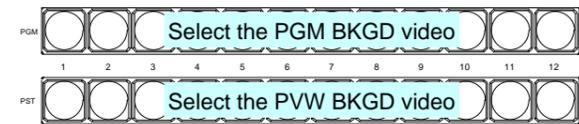


### To Output MV (Multi-view) Video from HDMI

- Open the [SETUP > OUTPUT > HDMI] menu.
- Turn [F1] to select MV1. (Refer to Sec. 2-4-2 "Viewing the Multi-view Video on the HDMI OUT" in the User Manual for more details.)

### To Select the PGM (program) / PVW Video

The PGM bus buttons are used to select the PGM (background) video. (The PGM video is displayed in the PGM output on the rear panel.)  
 The PST bus buttons are used to select the PVW (background) video. Press a button on the PGM or PST bus to see how the output video changes.

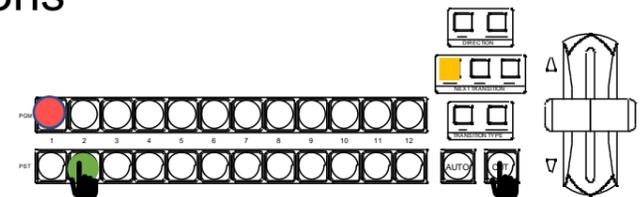


Now, press [AUTO] in the bottom right of the control panel (with [BKGD] lit). Or move the fader from end to end. The PGM and PVW (AUX1) video images are switched with each other. This is called a "background transition".

## 4. Perform Background Transitions

### Setup

Select the next video on the PST bus. Verify that [BKGD] lights up as shown at right. If not, press the button to turn on the button light.

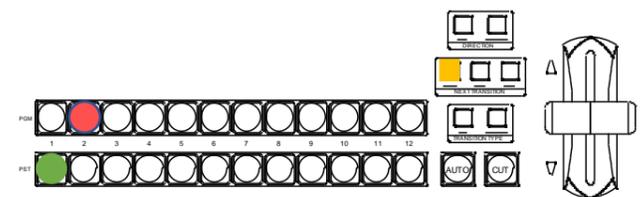


### To Perform CUT Transitions

Press [CUT]. The PGM video immediately changes.

### To Perform MIX Transitions

Press [MIX]. Then press [AUTO]. (Or move the fader from end to end.)



### To Perform Pattern Transitions

Quickly press [WIPE/EFF] twice. The [BKGD/TRANS] menu will appear on the menu display. Turn [F4] to select a pattern. Press [AUTO]. (Or move the fader from end to end.)

▶ See Sec. 2-3. "Video Switching" in the User Manual for details on background transitions.

### Precautions

- Operate the unit **only** at the specified supply voltage.
- Ensure** the unit is properly grounded at all times.
- Ensure** the power cord and connectors are firmly connected.
- Do not** access circuitry with power applied to the unit.
- Unit **should not** be operated or stored with the cover, panels, and/or casing removed.
- Unit **should not** be operated or stored in a humid, dusty, etc. environment. Doing so could result in fire or electrical shock.
- Do not** allow fluids, metal fragments, or any other foreign objects to enter the unit. If foreign matter does enter the unit, turn the power off and disconnect the power cord immediately. Remove the material or contact your authorized service representative.
- If you notice any strange smells or noises coming from the unit, turn the power off immediately, disconnect the power cord, then contact your authorized service representative.

You can download manuals and other documents by registering your email address.

<https://www.for-a.com/>



# HVS-190S/190I

# HVS-492OU/WOU/ROU/491OU

## Quick Setup



HVS-190S/190I Packing List  
 HVS-190S/190I  
 AC Adapter (HVS-190I only)  
 Power cord  
 Quick Setup Guide (This guide)

HVS-490Series OU Packing List  
 HVS-492OU/492WOU/492ROU/491OU  
 LAN cable  
 Power cord

## 1. Connection

### HVS-190S

- Connect SDI video signal inputs.
- Connect SDI video signal outputs.
- Supply power to HVS-190S using the supplied AC cable.
- Turn on the power switches on the front panel.

### HVS-492OU/492WOU/492ROU/491OU

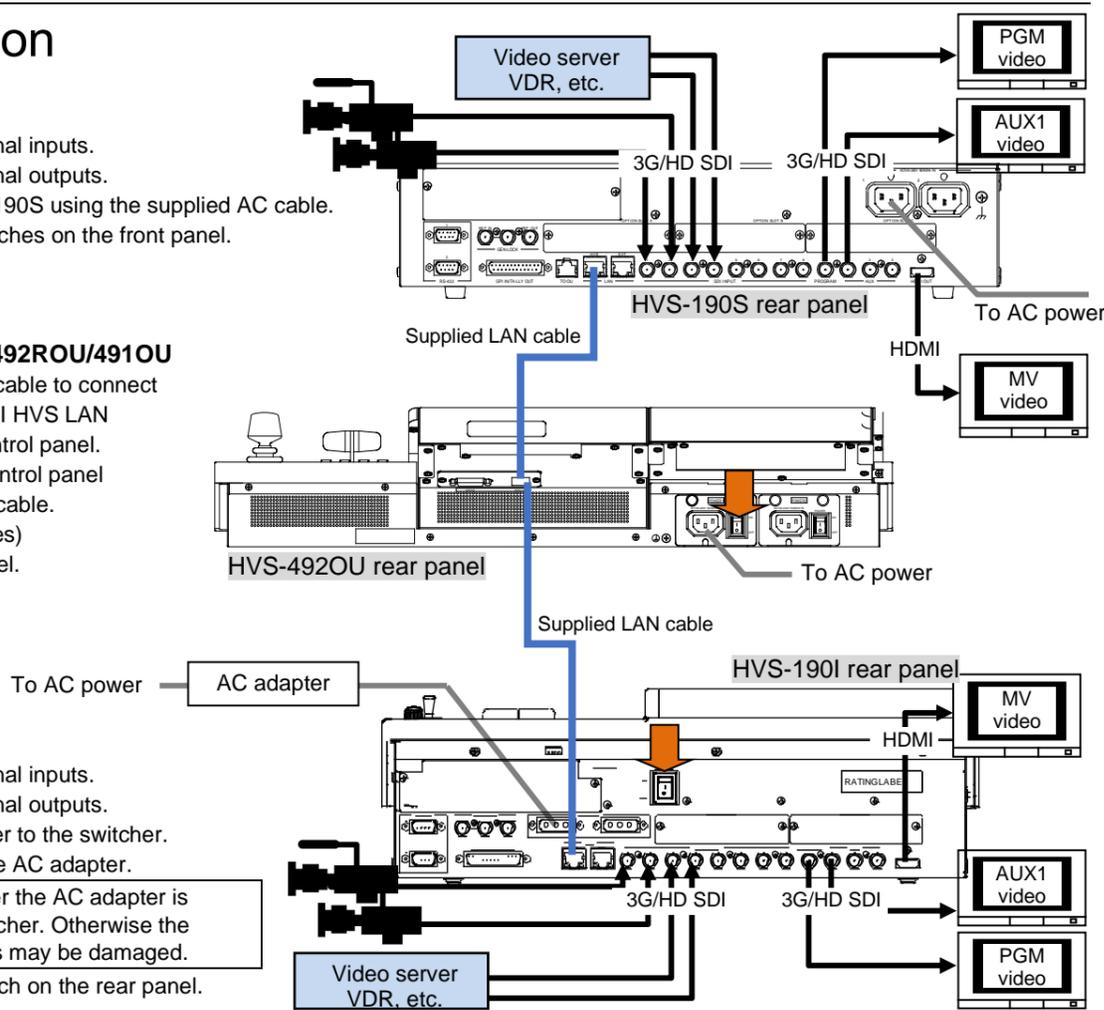
- Use the supplied LAN cable to connect HVS-190S or HVS-190I HVS LAN to HVS LAN on the control panel.
- Supply power to the control panel using the supplied AC cable.
- Turn on power switch(es) on the rear control panel.

### HVS-190I

- Connect SDI video signal inputs.
- Connect SDI video signal outputs.
- Connect the AC adapter to the switcher.
- Supply AC power to the AC adapter.

Supply AC power after the AC adapter is connected to the switcher. Otherwise the switcher internal parts may be damaged.

- Turn on the power switch on the rear panel.



## 2. Setup

### Select the HVS-190 for MU

- A menu is displayed on the control panel at power ON.
- Tap the **PANEL** tab on the touch panel menu screen.
- Tap **NETWORK** to display the [PANEL > NETWORK > NETWORK] menu.
- Press the down arrow (▼) button to go to PAGE 2. Turn **F1** to select HVS-190 and press **F1**. Tap **YES** on the confirmation dialog box to restart the control panel. After restart, control panel buttons will light up when the control panel is connected to HVS-190S/190I. If the buttons stay unlit, set the MU (HVS-190S/190I) IP address (HVS LAN port, default:192.168.0.10). Press **F2** on the [PANEL > NETWORK > NETWORK] menu PAGE 2. Enter the address using the keypad and press **Enter**.

Note that older versions of control panel (HVS-490 Series OU) cannot connect to the switcher (HVS-190 Series MU). If the connection is supported by the control panel, HVS-190 can be selected in the menu. Otherwise, an update is required. Consult your FOR-A reseller.

### Select the System Signal Format

- Open the [SETUP > SYSTEM > FORMAT] menu.
- Turn **F1** to select the signal format, then press **F1**. Tapping **YES** restarts the switcher. After a restart, the new format is applied.
- Open the [SETUP > SYSTEM > FORMAT] menu and turn **F2** to select an aspect ratio.

### Set Date and Time

Open the [SETUP > SYSTEM > TIME] menu. Set the date in PAGE1 and time in PAGE2.

### Set the Frame Synchronizer Function to ON if using an internal lock

- Open the [SETUP > INPUT > SIGNAL] menu.
- Turn **F1** to select IN01. Turn **F4** to set FS to ON.
- Turn **F1** to select IN02. Turn **F4** to set FS to ON. Set FS to ON for other inputs in the same manner.

## 3. Select Output Video

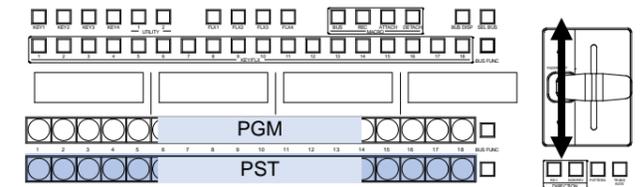
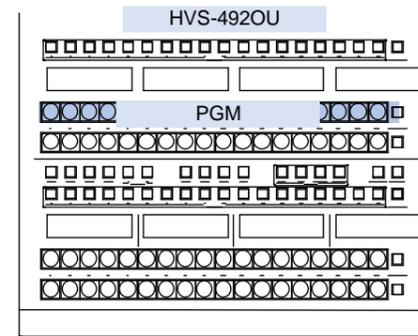
### To Select the PGM (program) Video

Press a bus button on the PGM row.  
 The corresponding video will appear on **PROGRAM** output.

### Change the PGM Video

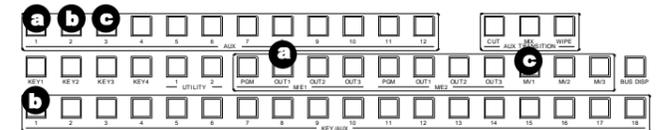
- Press a button on the PST row to select a next video.  
 The PGM video will change to the next video.  
 This is called a "background transition."
- Move the fader from end to end.  
 The PGM video changes to the previous video.

\* The PGM and PST signal selections switch as soon as the PGM video changes, and the next video can always be selected on the bottom (PST) row.



### Select AUX Output Video

- To display the M/E1 Preview video on the AUX1 screen, locate the bus selection buttons and KEY/AUX bus\* on the M/E1 bus and press **AUX1**, then press M/E1 **OUT1**.
  - To display the Input 1 video on the AUX2 screen, press **AUX2**, then press **1** on the KEY/AUX bus\*.
  - To display a multi-view video on the AUX3 screen, press **AUX3**, then press **MV1**.
- \* KEY/FLX/AUX bus (HVS-491OU)



### To Output MV (Multi-view) Video from HDMI

- Open the [SETUP > OUTPUT > HDMI] menu.
- Turn **F1** to select MV1 OUT. (Refer to Sec. 2-6-2 "Viewing the Multi-view Video on the HDMI OUT" in the User Manual.)

## 4. Perform Background Transitions

Select a next video on the PST bus. Verify that **BKGD** next to the fader is turned on. If not, press the button to turn on the button light.

### Transitions

#### - CUT

Press **CUT**. The background image changes instantly.

#### - MIX

Press **MIX**. Then press **AUTO**. (Or move the fader from end to end.)

#### - Pattern

- Press **WIPE**.
- Press **BKGD** twice quickly to display the [M/E FLEXaKEY > M/E > BKGD PGM > TRANS > TRANS] menu.
- Turn **F4** to select a pattern.
- Press **AUTO**. (Or move the fader from end to end.)

