1. Connection

HVS-190S/190OU
(1) Connect SDI video signal inputs.
(2) Connect SDI video signal outputs.
(3) Connect HVS-190S and 190OU using the supplied cable with 1900U.
(4) Supply power to HVS-190S using the supplied AC cable.
(5) Supply power to HVS-190S using the supplied AC adapter.
(6) Turn on power switches on the HVS-190S front panel and the 190OU rear panel.

2. Setup

Select the System Signal Format
(1) Menu button on the control panel should blink at power ON. Press [MENU] then [SETUP]
(2) The [SETUP] menu top page appears in the menu display. Turn [D] to select [SYSTEM], then press [F2] to display the submenu.
(3) Turn [D] to select [FORMAT], then press [F2] to display the submenu.
(4) Turn [D] to select the signal format, then press [F2]. Change the aspect ratio and switch timing, as necessary.
(5) Press the page up button to return to the [SETUP] > [SYSTEM] menu.
(6) Turn [D] to select [REBOOT], then press [F1]. A confirmation message will appear. Press [ENT].
- See Sec. 2.2. “Setting 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.

Set the Frame Synchronizer Function to ON if using an internal lock
(1) Open the [SETUP] > [INPUT] > [SIGNALL] menu.
(2) Turn [D] to select [IN01]. Turn [F2] to set FS to ON.
(3) Turn [D] to select [IN02]. Turn [F2] 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
(1) Press [F4] to turn on the button light.
(2) Press [F1] in the bottom row while holding down [F2] to display the PVW video on AUX1 output.

To Select the PGM (program) / PVW Video
The PGM bus buttons are used to select the PGM (background) video. (The PVW video is displayed in the PGM output on the rear panel.)

To Perform Background Transitions
Setup
Select the next video on the PSTM bus.
- See Sec. 2.3. “Video Switching” in the User Manual for details on background transitions.

Set the Frame Synchronizer Function to ON if using an internal lock
(1) Open the [SETUP] > [INPUT] > [SIGNALL] menu.
(2) Turn [D] to select [IN01]. Turn [F2] to set FS to ON.
(3) Turn [D] to select [IN02]. Turn [F2] 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.

4. Perform Background Transitions

To Output MV (Multi-view) Video from HDMI
(1) Open the [SETUP] > [OUTPUT] > [HDMI] menu.
(2) Release all of the output buttons.
(3) Press [PVW] to display the PVW video on AUX1 output.

To Select the PGM (program) / PVW Video
The PGM bus buttons are used to select the PGM (background) video. (The PVW video is displayed in the PGM output on the rear panel.)

Now, press [PVW] in the bottom right of the control panel (with [PGM] 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”.

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 cabling 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.

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