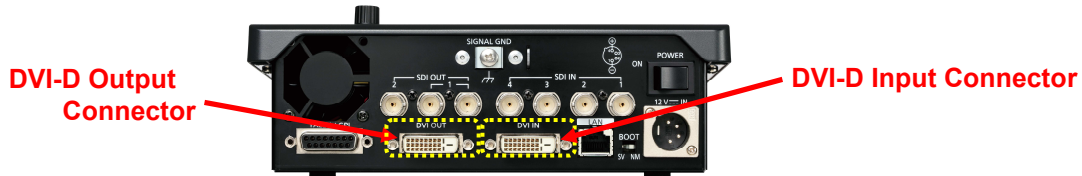


AW-HS50 – DVI Input & Output

★ AW-HS50 switcher has one DVI-D input and one DVI-D output.

This is to explain supported resolutions and setting procedures for the input and output.

(AW-HS50 Rear Panel)



Input

* Input signal is automatically recognized according to its resolution. Listed in Figure 1 are the resolutions of images that can be input.

(Figure 1: Supported Resolutions)

XGA	1024 X 768/60Hz
WXGA	1280 X 768/60Hz
SXGA	1280 X 1024/60Hz
WSXGA+	1680 X 1050/60Hz
UXGA	1600 X 1200/60Hz
WUXGA	1920 X 1200/60Hz
1080/59.94p	1920 X 1080/59.94Hz
1080/50p	1920 X 1080/50Hz

<Note>

- If an input signal has resolution other than the above, it cannot be taken in properly.
Then the output image may be a black screen or distorted.
- HDCP is not supported. If a copyright-protected DVD player or PC is connected as a source, the output image is a black screen or distorted.
- Analog signals cannot be input.
- * The angle of view of an input signal image can be changed as necessary. – (Figure 2)

(Figure 2: Input View Angle Settings)

Fit-V	The aspect ratio of the input image is maintained, and the size of the image is enlarged or reduced in accordance with the vertical resolution.
Fit-H	The aspect ratio of the input image is maintained, and the size of the image is enlarged or reduced in accordance with the horizontal resolution.
FULL	The size of the image is enlarged or reduced in accordance with the system resolution. <ul style="list-style-type: none"> • The aspect ratio of the image is not maintained. • The enlargement and reduction ratios differ between the horizontal and vertical directions.

① Hold down OSD ON button – (Fig.3-A) for 2 seconds to open the menu. (Hold it down again for 2 seconds to close the menu.)

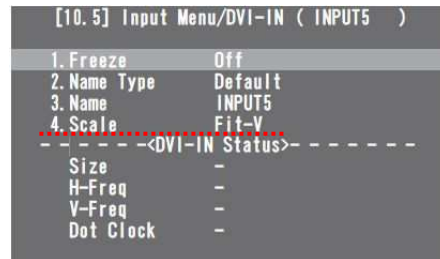
② Use OSD/TIME dial – (Fig.3-B) to change the menu setting below.

Menu: [10] Input Menu > 5. DVI-IN > 4. Scale ⇒ [Fit-V, Fit-H, FULL] – (Figure 4) * Default: [Fit-V]

(Figure 3: AW-HS50 Control Panel)



(Figure 4: AW-HS50 Menu Display Screen)



■ Output

- DVI output resolution can be selected from the list below – (Figure 5) by the menu setting.

(Figure 5: Supported Resolutions)

Auto	Using the DVI signals, the information of the device at the output destination is gathered, and the images are output at the optimum resolution. • The vertical frequency is set to 60 Hz, and the maximum resolution is WUXGA.
XGA	1024 × 768
WXGA	1280 × 768
SXGA	1280 × 1024
WSXGA+	1680 × 1050
UXGA	1600 × 1200
WUXGA	1920 × 1200
1080/59.94p	1920 × 1080
1080/50p	1920 × 1080

① Hold down OSD ON button – (Fig.3-A) for 2 seconds to open the menu. (Hold it down again for 2 seconds to close the menu.)

② Use OSD/TIME dial – (Fig.3-B) to change the menu setting below.

Menu: [11] Output Menu > 5. DVI-OUT: Size ⇒ [(Fig.5: Supported Resolutions)] – (Fig.6-A) * Default: [Auto]

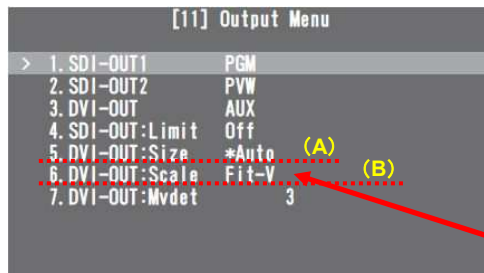
<Note>

- When the resolution setting is [Auto], DVI signal is used to gather information about the device to which it is output so that the image is output at the most suitable resolution.
- If the image is not displayed correctly in spite of [Auto] setting, please change over to a setting other than [Auto].
- Analog signals cannot be output.

* The angle of view of an output signal image can be changed as necessary. – (Figure 7)

Menu: [11] Output Menu > 6. DVI-OUT: Scale ⇒ [Fit-V, Fit-H, FULL] – (Fig.6-B) * Default: [Fit-V]

(Figure 6: AW-HS50 Menu Display Screen)



(Figure 7: Output View Angle Settings)

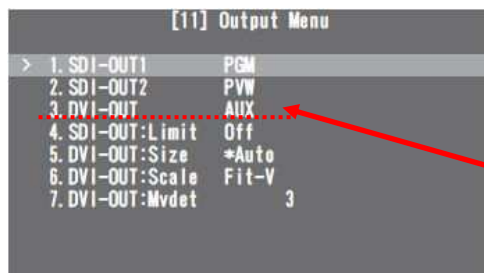
Fit-V	The aspect ratio of the output image is maintained, and the size of the image is enlarged or reduced in accordance with the vertical resolution. <ul style="list-style-type: none"> Black images are inserted into areas where there are no images. Parts of images that protrude are cropped.
Fit-H	The aspect ratio of the output image is maintained, and the size of the image is enlarged or reduced in accordance with the horizontal resolution. <ul style="list-style-type: none"> Black images are inserted into areas where there are no images. Parts of images that protrude are cropped.
FULL	The size of the output image is enlarged or reduced in accordance with the system resolution. <ul style="list-style-type: none"> The aspect ratio of the image is not maintained. The enlargement and reduction ratios differ between the horizontal and vertical directions.

■ Assigning the output signal

DVI output signal can be assigned to any of [PGM, PVW, CLN, AUX, MV, KEY OUT].

Menu: [11] Output Menu > 3. DVI-OUT ⇒ [PGM, PVW, CLN, AUX, MV, KEY OUT] – (Fig.8) * Default: [AUX]

(Figure 8: AW-HS50 Menu Display Screen)



(Figure 9: Output Signal)

PGM	This is the main line output of the switcher. Images with wipe, mix, key, PinP or other effects added are output.
PVW	The PVW images which enable the next operation to be checked are output.
CLN	Clean signals (images resulting when the key and PinP effects have been removed from the PGM signal) are output.
AUX	The signal selected using the AUX bus is output.
MV	The multi view display signal is output.
KEY OUT	The key signal is output.