



Broadcast HD Monitor



HD-9443-AU

User Guide
V1.001

INDEX

1. Electrical Specification.....	01
2. On Screen Control Function.....	03
3. Menu Functions	04
4. Rear view of connectors.....	06
5. Tally Control	07
6. Mechanical Dimension.....	08

1. Specification

Video Input	1 x D-SUB	VGA IN
	1 x BNC	HD/SD SDI Auto-switch
	3 x BNC	YPbPr
	1 x RCA	Analog Input
	1 x Mini-Din	S-Video
	1 x D-SUB(9 pin)	Tally Input
Audio Input	1 x BNC	AES Input
	2 x BNC	Analog Audio L / R
Output	1 x BNC	SDI Channel (Active Through Out)
	1 x Headphone jack	Φ3.5mm stereo
Input Signal	Analog	Composite (CVBS) / S-Video 0.8Vpp
	SD-SDI	270Mbps, 525i (60/ 59.94) / 625i (50)
	HD-SDI	1080P/30Hz, 1080P/29.97Hz,
		1080P/25Hz,1080P/24Hz, 1080P/23.98Hz
		1080i/60Hz, 1080i/59.94Hz, 1080i/50Hz
		1035i/60Hz,1035i/59.94Hz
		720P/60Hz, 720P/59.94Hz, 720P/50Hz
	VGA	640 X 350 (70/ 85)
		720 X 350 (70/ 85)
		640 X 400 (56/ 70/ 85)
		720 X 400 (70/ 85)
		640 X 480 (60/ 66/ 72/ 75/ 85)
		800 X 600 (56/ 60/ 70/ 72 / 75/ 85)
1024 X 768 (60/ 70/ 72/ 75/ 85)		

LCD	Size	4.3"
	Display Area	93 x 55.8 mm
	Resolution	800 x 480 (16:9)
	Dot Pitch	0.116 mm
	Color	16.7M colors
	Luminance of White	200cd/m ²
	Contrast	400:1
	Response time	20 msec
	Viewing Angle (Typical)	H: 130 degrees ; V: 110 degrees
Power	AC 100 - 240V (50 / 60Hz)	
Power Consumption (Approx.)	36 Watts	
Operating Temperature	0 °C to 50 °C	
Storage Temperature	-10 °C to 60 °C	
Dimensions (W x H x D)	483.5 x 132 x 175 mm (3U)	
Accessory	Power supply /AC Power Cord	
Gross Weight	6.5Kg ± 500 g	

2. On Screen Control Function



1. PC: Select VGA input.
2. V1: Select Video 1 (Composite Video) input.
3. V2: Select Video 2 (S-Video) input.
4. YPbPr: Select YPbPr (Component) input.
5. SDI: Select HD or SD input (auto-switch).
6. MENU: Show function menu list, when you push this key.
7. ▷ : Increase the degree of the function that you selected.
8. ◁ : Decrease the degree of the function that you selected.
9. ø3.5mm stereo headphone jack.
10. Power On/Off button: When you push this button, it will Power On or Off of LCD(LED green light up).

3. Menu Functions

Display Mode

4:3 and 16:9 video mode for user selection.

Brightness

Adjust the brightness of screen.

Adjustment range 0~15.

Contrast

Adjust the contrast of screen.

Adjustment range 0~127.

Color Mode

Adjust independent R.G.B Color level.

Color- R

Color- G

Color- B

Saturation

Adjust the Saturation of screen :

Adjustment range 0~255.

HUE

Adjust the HUE of screen :

Adjustment range 0~255.

Sharpness

Adjust the Sharpness of screen :

Adjustment range 0~15.

Blue Only

Select only Blue channel for display of image.

H/V delay

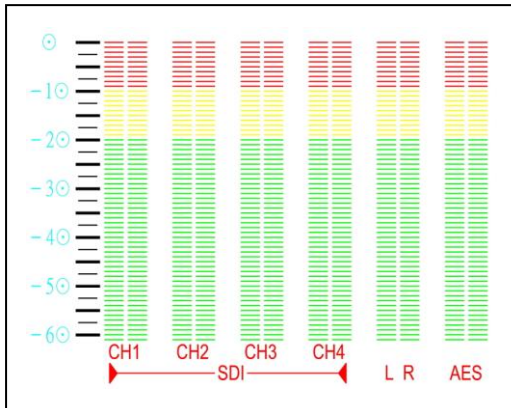
Used for displaying Sync and Blanking timing.

Marker

Select 4:3 or 16:9 safe area of screen (this feature support to SDI mode only).

VU Meter

Select VU Meter on / off (including 3 sources SDI, AES and Analogue L/R).



Audio Out

Select the front panel ϕ 3.5mm stereo headphone jack output on /off.

-Audio Out CH1 ~CH4

Select embedded audio CH1~CH4 < support Max 8 channels >.

Level meter scale is adjustable from -60 to 0 dBfs.

-Audio Out AES

Select AES audio output.

Level meter scale is adjustable from -60 to 0 dBfs.

-Audio Out L/R

Select Analogue L/R audio output.

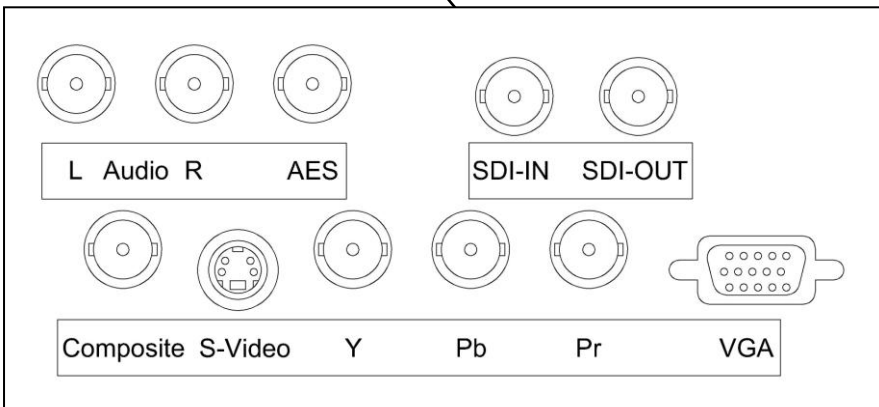
Level meter scale is adjustable from 0 to 60dB.

■■■Support 1* Audio out only, user use this menu to select embedded Audio/AES or Analogue L/R assignments

Reset

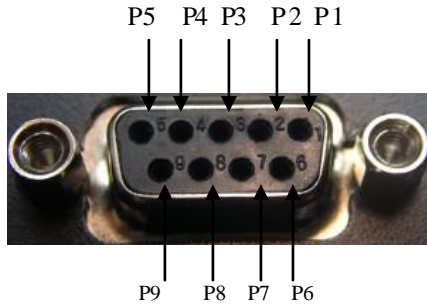
Resets the setting back to the factory default.

4. Rear View of connectors



5. Tally Control Pin define

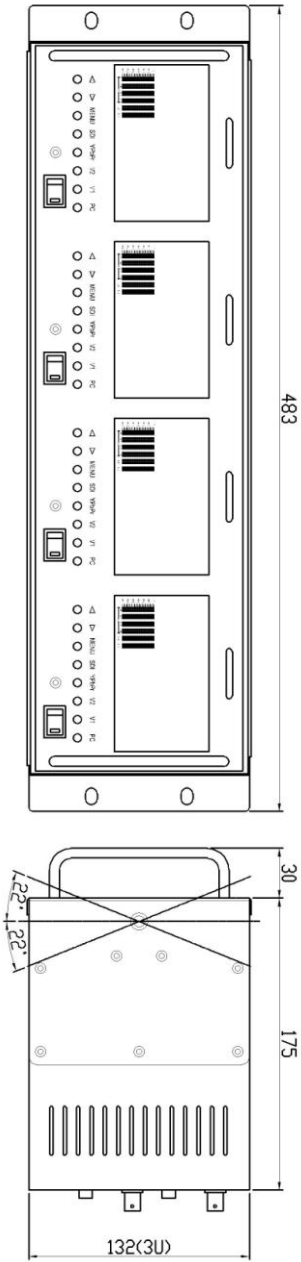
A: Direction of Dub 9 pin.



B:

Display 1	Pin 1 & Pin 6
Display 2	Pin 2 & Pin 7
Display 3	Pin 3 & Pin 8
Display 4	Pin 4 & Pin 9

6. Mechanical Dimension



Unit : mm