



## Broadcast HD Monitor



HD-9270-AU

User Guide  
V1.001

# INDEX

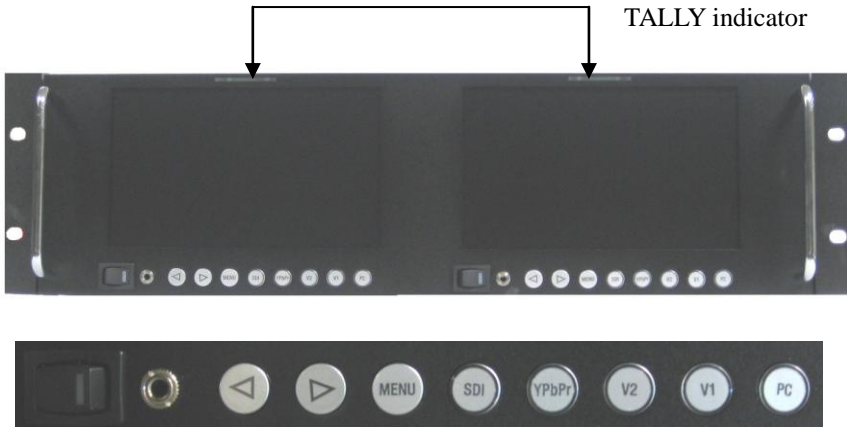
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# 1. Specification

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	7"
	Display Area	153 x 90 mm
	Resolution	1024 x 600 (16:9)
	Dot Pitch	0.297 mm
	Color	262K colors
	Luminance of White	250cd/m <sup>2</sup>
	Contrast	400:1
	Response time	20 msec
	Viewing Angle (Typical)	H: 140 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 150 mm ( 3U )	
Accessory	Power supply /AC Power Cord	
Gross Weight	6Kg ± 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. 3.5mm headphone jack: select AES/Analogue or SDI audio output channel.
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

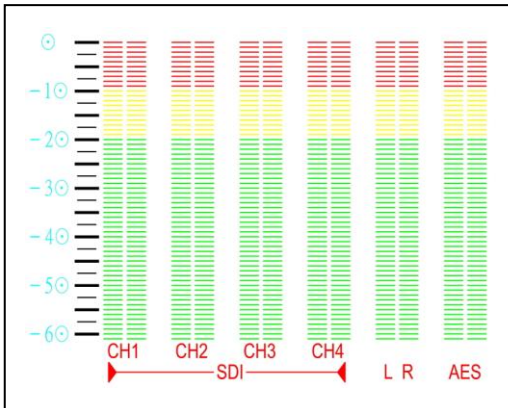
Used for displaying Sync and Blanking timing.

## 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.



## Audio Out

Select the front panel  $\phi$ 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.

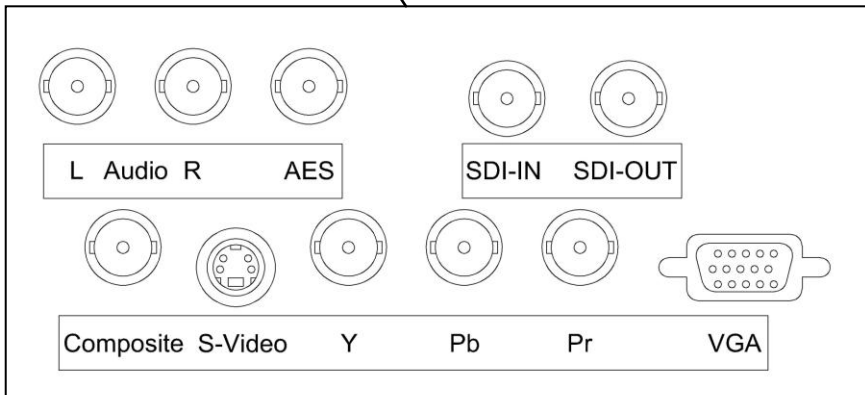
Level meter scale is adjustable from -60 to 0 dBfs.

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

### Reset

Save your personal setting and exit to menu mode.

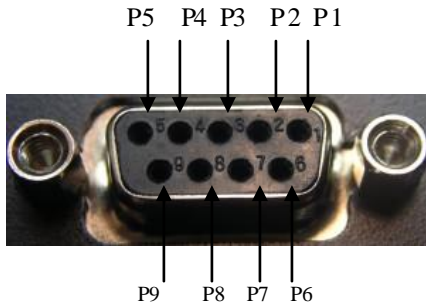
## 4. Rear View of connectors





## 5. Tally Control Pin define

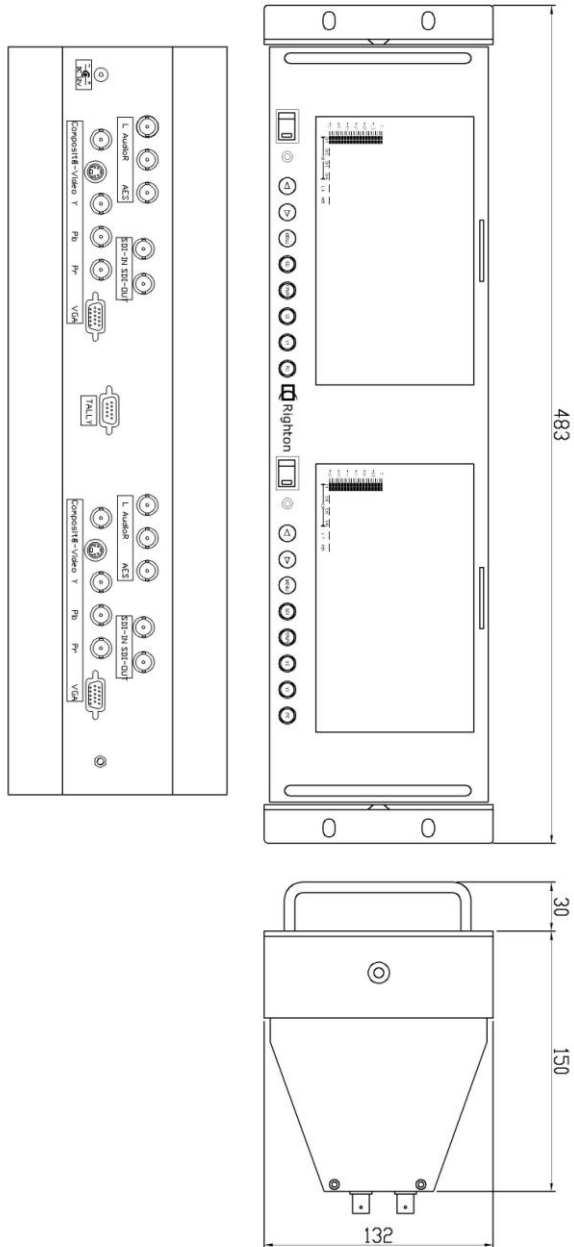
A: Direction of Dub 9 pin.



B:

Display 1	Pin 1 & Pin 6
Display 2	Pin 2 & Pin 7

# 6. Mechanical Dimension



Unit : mm