



Broadcast 3G SDI Monitor



3G-9443

User Guide
V1.001

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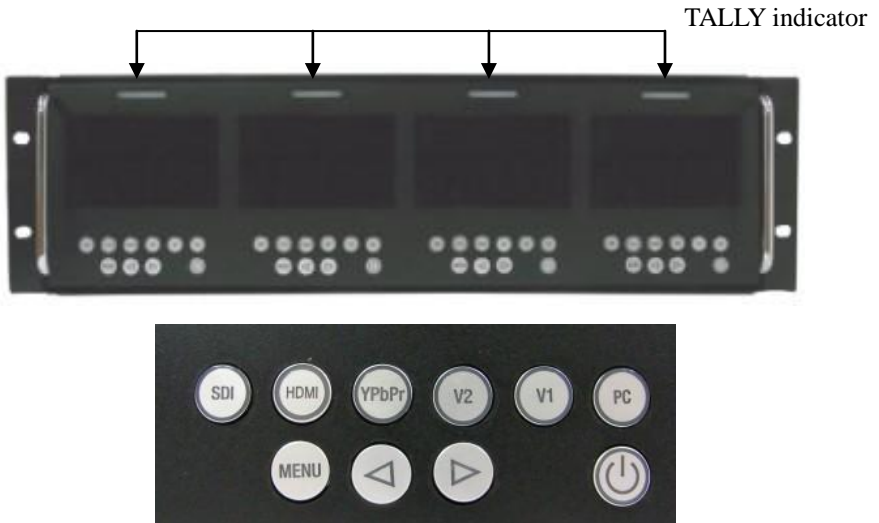
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1. Specification

Input	1 x D-SUB	VGA IN
	1 x BNC	3G/HD/SD SDI Auto-switch
	1 x HDMI	HDMI IN
	3 x BNC	YPbPr
	1 x RCA	Analog Input
	1 x Mini-Din	S-Video
	1 x D-SUB(9 pin)	Tally Input
Output	1 x BNC	3G/HD/SD SDI Channel (Active Through Out)
Input Signal	Analog	Composite (CVBS) / S-Video 0.8Vpp
	SD-SDI	270Mbps, 525i (60/ 59.94) / 625i (50)
	3G-SDI	1080P/50/59.94/60Hz
	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
	HDMI	1080P/1080i/720P/525i/625i
	VGA	640 X 350 (70)
		720 X 350 (70)
		640 X 400 (56/ 70)
		720 X 400 (70)
		640 X 480 (60/ 66/ 72/ 75)
800 X 600 (56/ 60/ 70/ 72 / 75)		
1024 X 768 (60/ 70/ 72/ 75)		

LCD	Size	4.3"
	Display Area	93 x 55.8 mm
	Resolution	800 x 480 (16:9)
	Dot Pitch	0.297 mm
	Color	16.7M colors
	Luminance of White	200cd/m ²
	Contrast	400:1
	Response time	20 msec
	Viewing Angle (Typical)	H: 160 degrees ; V: 130 degrees
Power	AC 100 - 240V (50 / 60Hz)	
Power Consumption (Approx.)	45 Watts	
Operating Temperature	0 °C to 85 °C	
Storage Temperature	-20 °C to 95 °C	
Dimensions (W x H x D)	483.5 x 132 x 150 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. HDMI: Select HDMI input.
6. SDI: Select 3G/HD or SD input (auto-switch).
7. MENU: Show function menu list, when you push this key.
8. ▷ : Increase the degree of the function that you selected.
9. ◁ : Decrease the degree of the function that you selected.
10. Power On/Off button: When you push this button, it will Power On or Off of LCD.

3. Menu Functions

Brightness

Adjust the brightness of screen.

Adjustment range 0~15.

Contrast

Adjust the contrast of screen.

Adjustment range 0~100.

Color Mode

Adjust independent R.G.B Color level.

Color- R

Color- G

Color- B

Saturation

Adjust the Saturation of screen.

Adjustment range 0~100.

Hue

Adjust the Hue of screen.

Adjustment range 0~100

Sharpness

Adjust the Sharpness of screen :

Adjustment range 0~14.

Blue Only

Select only Blue channel for display of image.

Display Mode

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

Marker On/Off

Select 4:3/16:9 Safe Area marker.

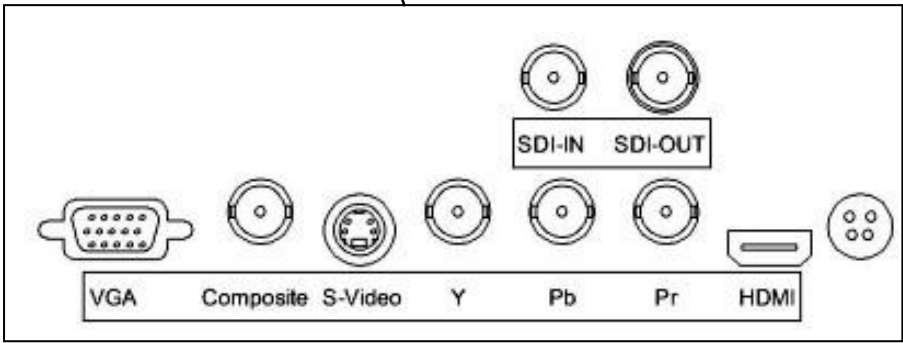
Reset

Reset the setting back to factory default.

Exit

Save your personal setting and exit to menu mode.

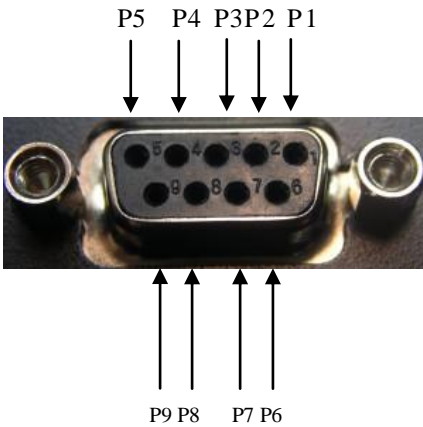
4. Rear View of connectors



5. Tally Control Pin define

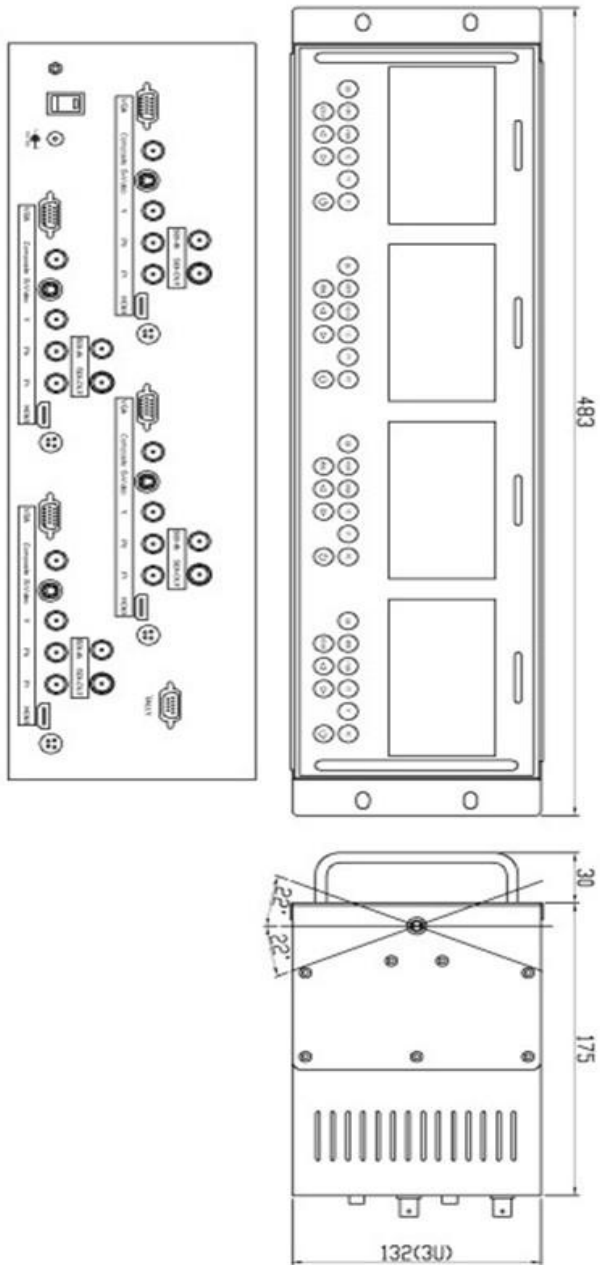
A: Direction of Dub 9 pin.

B: Configuration of Tally.



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



7. Accessories

1. Power Supply 12V/5Ampere
2. Power core (US or Europe Lead)