



HDTV Color Monitor

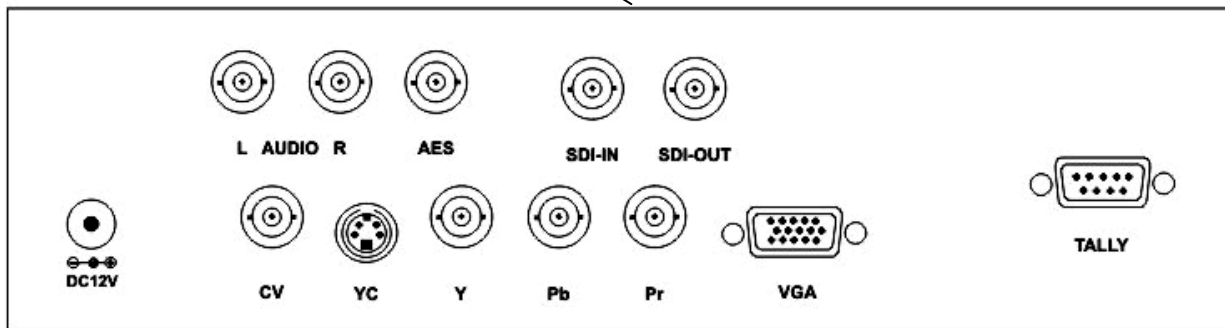
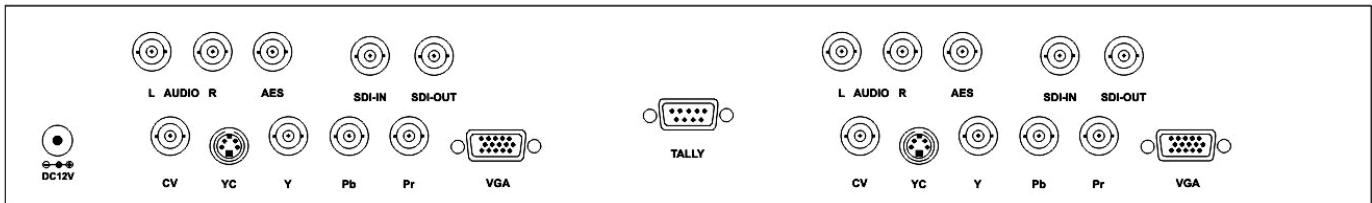
Model LM-702HDA

LM-702HDA is a high performance Multi-format, Dual 7" Color LCD Monitor for the broadcast and professional market. A multitude of video signal formats may be accurately monitored. The high brightness, wide viewing angle, excellent contrast ratio and high definition color result in an outstanding image. The unit features inputs for SDI (either SD or HD) with an active output, Analog RGBHV, YPbPr Component Video, a Composite Video and a YC input. NTSC and PAL Television Standards are supported and automatically detected. SDI, AES and analog audio monitoring is standard and front panel tally LED's can be activated externally via the DB9 connector. The OSD Menu contains all the necessary controls to adjust Contrast, Brightness, Sharpness, Color Level (R-G-B), and other parameters necessary for optimum monitor performance. Results of these adjustments can be viewed via the On Screen Display. A Sync Delay (Pulse Cross) mode allows viewing of the vertical and horizontal sync and vertical blanking intervals. A Blue Only mode facilitates accurate monitor setup when viewing color bars. A rack mount kit is included that can tilted up or down. Although the monitor has excellent viewing angles, the tilt feature can be beneficial when circumstances necessitate mounting the monitor considerably above or below normal eye level.



Key Features of the LM-702HDA

- Inputs: SD/HD-SDI, RGBHV, YPbPr, CV & YC
- Resolutions up to 1024x768, 1080p
- High Brightness, Pro Grade LCD Panels
- 262,000 Colors
- 400:1 Contrast Ratio
- Blue Only and Sync Delay modes for easy setup
- Audio Monitoring and Dual Tally LED's
- 140° Left/Right and 110° Up/Down View Angles
- Vertically Tiltable Rackmount Housing
- Locking External DC Power Supply



LM-702HDA Connector Panel Detail



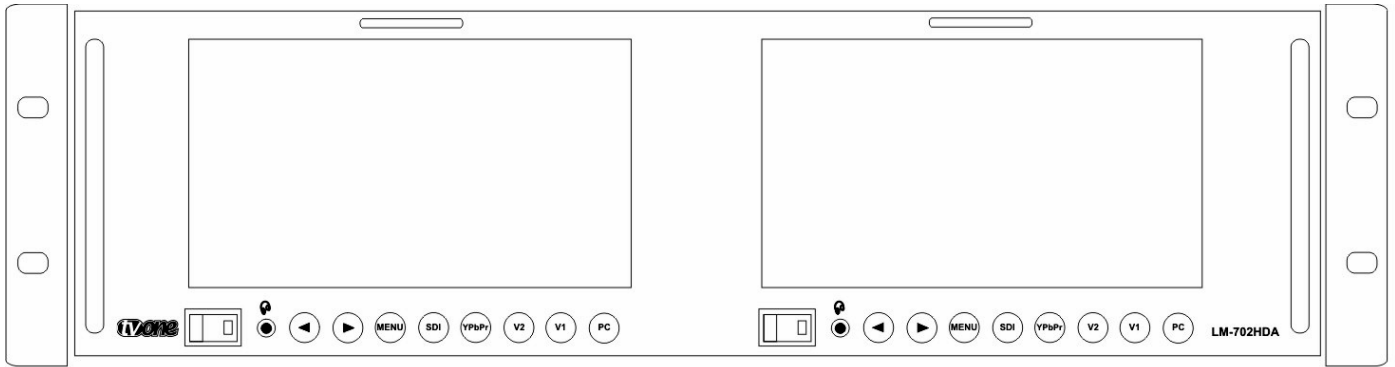
HDTV Color Monitor

Model LM-702HDA

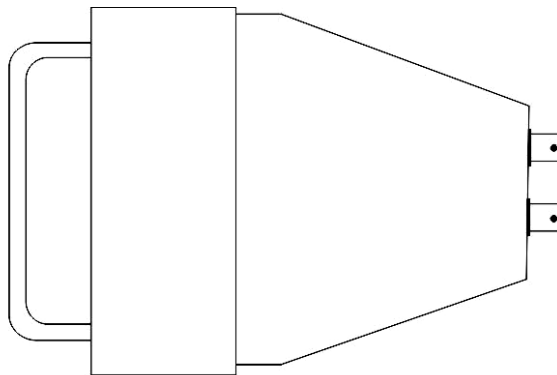
Specifications

LCD Panel		Audio Monitoring Capability	
Display Size	7.0" (177mm) (Diagonal)	Input Connectors	SDI, AES via BNC, Analog via RCA
Display Area	6.03" x 3.54" (153 x 90mm)	SDI Input	Selectable, up to 4 Stereo Channels
Panel Resolution	1024 x 600 (16:9)	AES Input	1 Stereo Channel
Dot Pitch	0.297mm	Analog Input	L and R Channels
Color Resolution	262,000 Colors	Visual Audio Level	Pseudo VU Meter via OSD
Contrast Ratio	400:1	General	
Brightness	250 cd/m2	Display Element	Active Matrix TFT
Response Time	20 msec	Video Adjustments	Brightness, Contrast, Sharpness, Color Level (RGB)
Left/Right View Angle	140°	TV Standards	NTSC/ PAL Auto-detect
Up/Down View Angle	110°	Aspect Ratio Modes	16:9, 4:3
Aspect Ratio	4:3 or 16:9	SD-SDI	
Video Inputs		HD-SDI	1.485, 1.4835Gpbs
SD/HD-SDI	1x via BNC with Active Output	Blue Only Mode	For Setup with Color Bars
Analog RGBHV	1x via HD-15 Female	Sync Delay Mode	For Checking Sync
Composite Video	1x via BNC Connectors	Front Panel Controls	
YC (S-Video)	1x via 4-Pin Mini-DIN Connector	Menu Navigation	Menu, Left, Right
YPbPr Component	1x via 3 BNC Connectors	Input Select	SDI, YPbPr, CV, SV, PC (RGBHV)
SD/HD-SDI Input Range		Power	On/Off
SDTV	480i, 576i	Limited Warranty	
HDTV	1080P/30Hz, 1080P/29.97Hz, 1080P/25Hz, 1080P/24Hz, 1080P/23.98Hz 1080i/60Hz, 1080i/59.94Hz, 1080i/50 1035i/60Hz, 1035i/59.94Hz 720P/60Hz, 720P/59.94Hz, 720P/50	Unit, except LCD	1 Year Parts and Labor
Analog Component Input Range		LCD Panel	Panel Manufacturer's Terms
SDTV	480i, 576i	Mechanical	
HDTV - YPbPr	480p, 576p, 720p, 1080i, 1080p	Size (H-W-D)	132x483.5x150mm(5.2x19x5.9")
Analog RGBHV Input Range		Weight (Net)	5.5 kg (12.1 lbs)
640x350	70, 85Hz	Rackmount	3RU - Tilt Up/Down
720x350	70, 85Hz	Environmental	
640x400	56, 70, 85Hz	Operating Temp.	0° to +50° C (+32° to +122° F)
720x400	70, 85Hz	Operating Humidity	10% to 90%, Non-condensing
640x480	60, 66, 72, 75, 85Hz	Storage Temperature	-10° to +60° C (+14° to +140° F)
800x600	56, 60, 70, 72, 75, 85Hz	Storage Humidity	10% to 90%, Non-condensing
1024x768	60, 70, 72, 75, 85Hz	Power Requirement	
Composite & S-Video Input Range		External Power Supply	100-240VAC@36Watts for 12 VDC
Vert. Frequency	NTSC 60Hz, PAL 50Hz	Regulatory Approvals	
Horiz. Frequency	NTSC 15.75KHz, PAL 15.625KHz	Monitors	FCC, CE, RoHS
Tally Control		Power Supplies	UL, CUL, CE, PSE, GS, RoHS
Tally Input	1x via DB9 Connector	Accessories Included	
		1x Power Adapter	US, UK or Euro
		1x Operations Manual	
		4x Rackmount Screws	
		Product Item Number	
		LM-702HDA	Dual 7" Rack Mount LCD Monitor

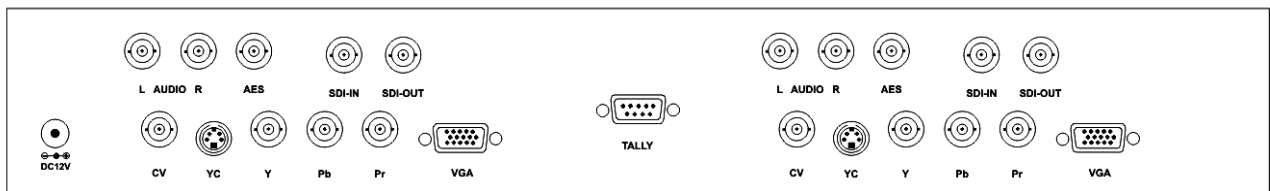
Panel Drawings



LM-702HDA Front Panel



LM-702HDA Side View



LM-702HDA Connector Panel