

# Marshall LCD Rackmount Monitors Electronics

Marshall Electronics (Broadcast Multimedia - [www.lcdracks.com](http://www.lcdracks.com)) continues to gain recognition as the leading manufacturer of LCD rack mountable monitors in the world. Marshall's range of rack mounted and stand alone LCD monitor solutions has been expanded to accommodate industry transitions to DTV and High Definition Imaging. New conversion and distribution products employ the latest technologies and are designed to provide the most cost effective "digital glue" solutions available in the market.

In 2002, Marshall signed an exclusive distribution agreement with IKEGAMI Japan for private labeling of Marshall racks to the Japanese market under the IKEGAMI name.

Marshall's product offerings have grown to meet the demands of customers worldwide. These customers include broadcast, video, film, news, and multimedia professionals.



## **High Quality LCD Rack Mountable Monitors**

### **In-Monitor Display (IMD)**

Marshall Electronics leads the industry with the first full lineup of LCD panels with In-Monitor Display functionality. These new monitors and racks are cost-effective "all-in-one" solutions for post production houses, broadcasters, and mobile units. Marshall's IMD series is a fully-integrated solution that allows UMD information and tallies to be displayed directly within an LCD flat panel monitor, while saving precious rack space. A variety of features are readily available including on-screen Video Time Code, three-colour "Soft" Tallies, and Audio Presence Indicator. These displays also include Marshall's new RotoMenu™ feature which allows fast, direct, and easy menu navigation.

Marshall's IMD monitors integrate easily with existing Tally systems and controllers, while supporting Image Video, NVISION, TSL, and MEI protocols. Also a perfect solution for large Video Wall applications and systems. Can also be used as standalone displays with HDSDI loop-through.

### **SunBright**

The new line of SunBright Monitors, are designed specifically for outdoor applications with high ambient light. SunBright technology minimizes surface reflection of both outdoor and indoor light, while featuring a much wider colour reproduction range than typical transmissive/reflective LCDs or even those with increased backlight performance. SunBright super-transmissive LCDs provide improved visibility by producing high-contrast images and a wider viewing angle, even under diverse and challenging lighting environments! This innovative technology dramatically boosts the efficiency of the LCD backlight's light utilization, while maintaining extended temperature ratings and low power consumption for outdoor operation.

### **Digital Audio Monitors**

The AR-DM Series Rackmount Digital Audio Monitors – are high quality, ultra-nearfield audio monitoring systems for space critical environments with interchangeable input / output modules and field-upgradeable firmware capability.

### **Video Assist Monitors**

Stand-alone monitors with high resolution high brightness LCD panel ensures you see high quality pictures under various types of lighting conditions. Monitor case made from durable black anodized brushed aluminum and has protective glass in front of LCD panel.

# Marshall Electronics

## Models & Descriptions

Due to the large number of monitors made by Marshall it is impossible to list them all. Please visit [www.lcdracks.tv](http://www.lcdracks.tv) to find the latest monitors from Marshall.

### V-LCD50-HDMI

5" V-LCD50-HDMI offers standard features including a wide variety of formats and markers, 4 user-configurable front panel function buttons, RGB Check Field / Field Detect, RGB gain and bias control.



V-LCD70XP-3GSDI



V-R261-DLW



V-R371-IMD-HDSDI

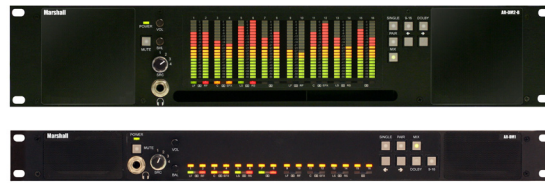
"All-in-one" In-Monitor Display solution without added depth

- High Resolution 1920 x 1200 RGB Dots
- On-Screen Audio Presence Indicator
- On-Screen Video Time Code
- RS-422/485 connection with loop-through for control communication / IMD functionality
- Field upgradeable firmware capability via RS-422/485 port

### V-LCD65SB-HDA

6.5" SunBright High Resolution LCD Monitor with SD/HD Component and Composite Inputs. Ideal as a field monitor with direct access to advanced features such as Image Flip, Aspect Ratio, Center Marker, Safe Area, RGB Calibration, and more.

Digital Audio Monitors	
AR-DM1 -	16 Channel Digital Audio Monitor - 1RU
AR-DM1-B -	16 Channel Digital Audio Monitor with Tri-Color LED Bar Graphs - 1RU
AR-DM2-B -	16 Channel Digital Audio Monitor with Tri-Color LED Bar Graphs - 2RU
AR-DM2-L -	16 Channel Digital Audio Monitor with Dual High-Resolution LCD Displays - 2RU
AR-AM1 -	Analog Audio Monitor with Digital Signal Processing
AR-AM4 -	Analog 4-Channel Audio Monitor with Digital Signal Processing



AR-DM2-B

AR-DM1

Model	Screen Size	Resolution	Inputs	Model	Screen Size	Resolution	Inputs
<b>Orchid Series</b>				<b>1 SCREENS</b>			
OR-434	4.3"	800 x 480	HDSDI	V-R171P-4A-PAL	17"	1280 x 1024	CV, Y/C, DVI, SXGA
OR-503	5"	800 x 480	HDSDI	V-R201-IMD-TE	20"	1680 x 1050	HDSDI / SDI
OR-701A	7"	800 x 480	SDI	V-R261-DLW	26"	1920 x 1200	3GSDI / DVI
OR-702	7"	800 x 480	HDSI	V-R261-IMD-HDSDI	26"	1920 x 1200	HDSDI / SDI
OR-841-HDSI	8.4"	1024 x 768	HDSI	V-R371-IMD-HDSDI	37"	1920 x 1200	HDSDI / SDI
<b>MD Series</b>				<b>2 SCREENS</b>			
V-MD201	20"	1920 x 1200	CV, YpPr	V-R72P-2SD	7"	800 x 480	Y/C, CV, YpPr, SDI
MD-3GSDI-A		3G/HD/SDI Input Module with Loop-Through		V-R72P-2HDSDI	7"	800 x 480	HDSDI / SDI
MD-HDSDIx2-A		Two-channel HDSDI Input Module		V-R82DP-HDSDI	8.4"	800 x 600	HDSDI / SDI
MD-HDMIx2-A		Two-channel HDMI Input Module		V-R842DP-AFHD	8.4"	1024 x 768	Y/C, CV, YpPr, HDSDI / SDI, VGA, DVI
MD-DVI-A		DVI-I Input Module		V-R902DP-AFHD	9"	800 x 480	Y/C, CV, YpPr, HDSDI / SDI, VGA, DVI
MD-TC-A		TeleCube™ Input/Output Base Module		<b>3 SCREENS</b>			
				V-R53P	5"	320 x 234	CV, VGA
				V-R573P	5.7"	640 x 480	CV
<b>Lynx Series</b>				<b>4 SCREENS</b>			
M-Lynx-10	10"	800 x 600	CV, Y/C, VGA, Audio	V-R63P	5.8"	1200 x 234	CV
M-Lynx-10W	10"	1024 x 600	CV, VGA, Audio	V-R63P-SDI	5.8"	400 x 234	CV, SDI
M-Lynx-15	15"	1024 x 768	Y/C, CV, YpPr, VGA, DVI	V-R653P-HDSDI	6.5"	800 x 480	HDSDI / SDI
M-Lynx-15WM	15"	1024 x 768	Y/C, CV, YpPr, VGA, DVI, Audio	V-R653-IMD-TE	6.5"	1024x768	HDSDI / SDI
M-Lynx-17	17"	1280 x 768	Y/C, CV, YpPr, VGA, DVI, Audio	V-R653SB-IMD	6.5"	1024x768	HDSDI / SDI
M-Lynx-17SDI	17"	1280 x 768	SD/SDI	<b>4 SCREENS</b>			
M-Lynx-19	19"	1280 x 1024	Y/C, CV, YpPr, VGA, DVI, Audio	V-R44P	4"	480 x 234	CV
M-Lynx-19SDI	19"	1280 x 1024	SD,SDI	V-R44DP-SDI	3.5"	640 x 480	SDI
				V-R44P-HDSDI	3.5"	640 x 480	HDSDI / SDI
				V-R44P-DVI	3.5"	640 x 480	DVI
<b>Video Assist</b>				<b>8 SCREENS</b>			
V-LCD50-HDMI	5"	800 x 480	HDMI	<b>10 SCREENS</b>			
V-LCD651ST-3GSDI	6.5"	1024 x 768	CV, YpPr, 3G/HD/SDI	V-R28P	2"	480 x 240	CV
V-LCD70XP-3GSDI	7"	800 x 480	CV, YpPr, 3G/HD/SDI	V-R28P-SDI	2"	480 x 240	SD
V-R70P-HDSDI	7"	800 x 480	HDSDI / SDI				
V-LCD84SB-AFHD	8.4"	800 x 600	Y/C, CV, YpPr, HDSDI / SDI, VGA, DVI				
V-R901DP-AFHD	9"	800 x 480	Y/C, CV, YpPr, HDSDI / SDI, VGA, DVI	V-R25P	2.5"	480 x 234	CV
V-R104DP-HDSDI	10.4"	800 x 600	HDSDI / SDI	V-R35P-SDI	3.5"	320 x 234	SDI
INPUT LEGEND: Y/C = S-Video / CV = Composite / YpPr = Component / SDI = Serial Digital Interface / HDSDI = HD-Serial Digital Interface / 3G = 3Gb/s SDI / VGA = Analog PC / DVI = Digital Visual Interface							



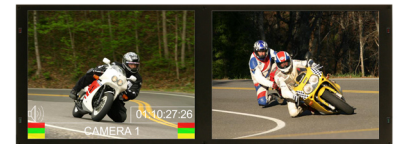
V-R44DP-SDI



V-R902DP-TE



V-R82DP-HDSDI



V-R1042-IMD-TE4U



V-R653-IMD-TE



V-R151P-4PAL