

PREVIEW™ HD DUAL 7.0

Vaddio™ HD Series Rack Mount LCD Monitors

OVERVIEW

The PreVIEW HD Dual 7.0 is part of Vaddio's new line of HD LCD monitors. With two 7" LCD monitors, these PreVIEW HD monitors provide clean, sharp 16:9 video images. The native widescreen LCDs now have an internal menu to adjust the settings (brightness, contrast, color, etc.) of each monitor. In addition, there is also an overscan option.

In addition to standard SD, HD and S-video inputs with loop-thru outputs, there is also the addition of an analog RGB input on a VGA connector. Tally lights are above each monitor to provide visual indication of which feed is live. The high-resolution LCD screens (800 x RGB x 480) are backlit by LEDs for a brighter, more evenly lit screen when compared with fluorescent backlit monitors. The Dual 7.0 monitors have 1.2 million pixels for greater detail required to focus HD cameras. The monitors can be tilted up and down for the optimum viewing angle.

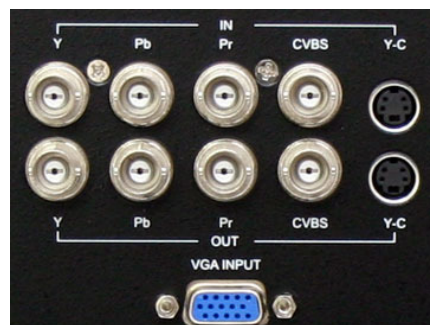
Vaddio's PreVIEW HD line of monitors are excellent for a variety of applications that require high resolution monitoring of HD cameras, including houses of worship, training rooms and board rooms at corporate facilities, as well as instructional facilities at teaching hospitals.



Figure 1: Front panel of PreVIEW HD Dual 7.0 LCD monitors

WHAT'S INCLUDED

- PreVIEW HD Dual 7.0 rack mount monitors
- 12 VDC PowerRite™ Power Supply with US, UK and Euro Power Cords
- One (1) – 6-pin Phoenix-type connector (Tally)
- Documentation



BACK PANEL



Figure 2: Back panel of PreVIEW HD Dual 7.0, showing the input, output, tally and power connections

TECHNICAL SPECIFICATIONS

PreVIEW HD Dual 7.0	
Part Number	PreVIEW HD Dual 7.0 LCD Rack Mount Monitors 999-5510-012 (PAL and NTSC)
Displays	Two (2) 7.0" diagonal LCD panels
Backlight	LED
Panel Resolution	800 x RGB x 480 (1.2 million pixels)
Viewing Angle	55° (up) / 55° (down) / 70° (left) / 70° (right)
Dot Pitch	0.1905 (H) x 0.1905 (W) mm
Response Time	20 ms
Contrast Ratio	400:1
Aspect Ratio	16:9 (native) / 4:3 – switchable
Sampling Rate	8 bit, 100% digital processing
Brightness	500 cd/m2
Video Signals	NTSC (composite and S-video), 720p and 1080i (Y Pb Pr) PAL (composite and S-video), 720p and 1080i (Y Pb Pr)
RGBHV Resolutions	640 x 480, 800 x 480, 800 x 600, 1024 x 768, 1280 x 1024
Video Inputs	<ul style="list-style-type: none"> ▪ Component (Y Pb Pr) x 2 – BNC connectors ▪ Composite x 2 – BNC connectors ▪ S-video x 2 – Mini-DIN 4 connectors NOTE: All inputs auto detect NTSC/PAL & auto terminate loop-thru
RGB Input	<ul style="list-style-type: none"> ▪ RGBHV – VGA connector NOTE: When using the VGA input, do not connect other video inputs (i.e. composite, S-video, etc.), as all video signals will degrade on that monitor's LCD screen
Video Outputs	<ul style="list-style-type: none"> ▪ Component (Y Pb Pr) x 2 – BNC connectors ▪ Composite x 2 – BNC connectors ▪ S-video x 2 – Mini-DIN 4 connectors NOTE: Power has to be turned on for loop-thru to work
Tally	6-pin Phoenix-type connector
Power	12 VDC
Dimensions	19" (W) x 5.2" (H) x 3.4" (D) – (482.6mm x 132mm x 86mm)
Front Panel Buttons	Menu, Up, Down, Source and Power buttons with on-screen programming.
Compliance	FCC and CE
Weight	6.4 lbs (2.9Kg) (approximate)



Figure 3: Front panel of PreVIEW HD Dual 7.0 LCD monitors