

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.



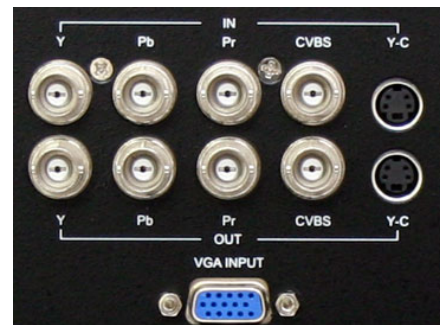
Figure 1: Front panel of PreVIEW HD Dual 7.0 LCD monitors

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.

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, 1366 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 All inputs NTSC/PAL – auto detect and auto terminate loop-thru outputs |
| RGB Input | <ul style="list-style-type: none"> ▪ RGBHV – VGA connector |
| 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 Power has to be turned on for loop-thru to function |
| 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