

# VADDIO™ PREVIEW™ DUAL 6.4 LCD RACK MOUNT MONITOR

## PreVIEW Dual 6.4 (Part Number 999-5500-002)

### PreVIEW Dual 6.4 Overview:

The Vaddio PreVIEW Dual 6.4 LCD Rack Mount Monitor features two 6.4" (16.26cm) high resolution active matrix LCD Monitors for exceptional video clarity and color handling. The PreVIEW Dual 6.4 is a robust preview monitor solution equipped with two 960 x 234 resolution LCDs for previewing details and has brightness, contrast and color controls for fine tuning the video display. Each of the LCD panels on the Dual 6.4 have their own input and amplified loop through on BNC connectors for ease of configuring video systems. Constructed of heavy gauge aluminum and steel, the enclosure is both tough and attractive and can be tilted  $\pm 25^\circ$  for setting up optimum viewing angles when installed in standard racks.

The inputs are set-up for auto recognition of NTSC and PAL video formats and unlike many of the rack mount LCD monitors available today, the Vaddio PreVIEW Monitors are both FCC and CE certified. The price/performance and overall value of the Vaddio PreVIEW Series LCD Rack Mount Monitors is unmatched in today's market.



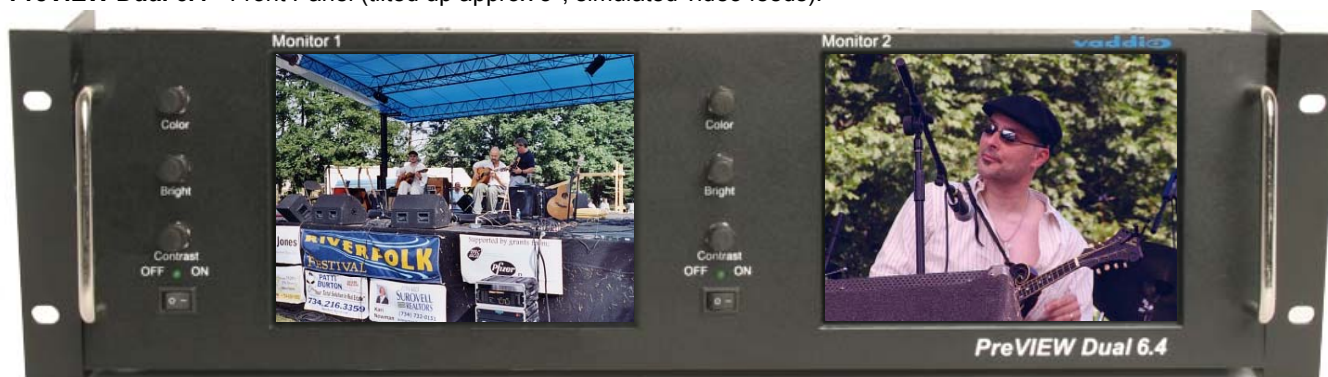
**FC CE**

**Figure 1:** PreVIEW Dual 6.4 in a 3RU enclosure is FCC and CE certified and carries the FCC and CE marks.

### UNPACKING

Each PreVIEW Dual 6.4 system contains the following items, please unpack and identify the following parts: One (1) PreVIEW Dual6.4 Rack Mount LCD Monitor, One (1) 12 VDC, 3.8 Amp Power Supply, AC Cord Set with US type and Euro type cable and Documentation.

**PreVIEW Dual 6.4 - Front Panel (tilted up approx 5°, simulated video feeds):**



**Figure 2:** Front Panel of PreVIEW Dual 6.4 with color, brightness, contrast and on/off controls for each LCD monitor.

**Figure 3:** Back panel of PreVIEW Dual 6.4 showing 2-BNC connectors (in & out) per LCD and power connector



**Table 1: General Specifications**

Specification	Vaddio PreVIEW Dual 6.4 LCD Rack Mount Monitor
Displays	Two (2) 6.4" Diagonal LCD Panels
Panel Resolution	960 x 234
Active Area	5.1" (12.96cm) x 3.83" (9.734cm)
Dot Pitch	0.135mm x 0.416mm Dot Pitch
Brightness and Contrast Ratio	330 (cd/m <sup>2</sup> ) Brightness, 350:1 Contrast Ratio
Video Signals	NTSC & PAL, auto-recognition
Video Inputs	Two (2) on BNC Connectors, 1 V p-p, 75 ohm
Video Outputs	Looping Outputs (active components) on two (2) BNC Connectors
Dimensions	19.125" (48.58cm) W x 5.25" (13.34cm) x 2.75" (6.985cm) D
Front Panel Controls for each LCD Monitor	On/Off Switch, Color, Brightness and Contrast Controls
Compliance	FCC and CE (carries both marks)

**Intended Use:**

Before operating the Vaddio PreVIEW Series LCD Rack Mount Monitors, please read the documentation thoroughly. The systems were designed, built and tested for use indoors, and with the provided power supply. The use of a power supply other than the one provided or outdoor operation has not been tested and could damage the device and/or create a potentially unsafe operating condition.

**Save These Instructions:**

The information contained in this manual will help you install and operate your PreVIEW system. If these instructions are misplaced, Vaddio keeps copies of Specifications, Installation and User Guides and most pertinent product drawings for the Vaddio product line on the Vaddio website. These documents can be downloaded from [www.vaddio.com](http://www.vaddio.com)



**Use only the power supply provided with the PreVIEW system. Use of any unauthorized power supply will void any and all warranties.**

**Important Safeguards:**

- Read and understand all instructions before using. Do not operate any device if it has been dropped or damaged. In this case, a Vaddio technician must examine the product before operating. To reduce the risk of electric shock, do not immerse in water or other liquids and avoid extremely humid conditions and environments.
- The LCD panels are covered with a thin protective film. Remove this film by carefully lifting the film at a corner and carefully peel back. Do not scratch or apply pressure to the LCD surface. Scratched, cracked or broken LCD panels are not covered under warranty.
- Use all four screws when racking the PreVIEW series monitors. The tilting mechanism requires four screws for proper operation.
- The video inputs are 75 ohm and the looping outputs are active and require power to output the signal.



## FCC Part 15 Compliance and CE Declaration of Conformity

**FCC Part 15 Compliance**

This product is herewith confirmed and found to comply with the requirements set up by ANSI C63.4 & FCC PART 15 regulations for the evaluation of electromagnetic compatibility. This Device complies with Part 15 of the FCC rules Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference including interference that may cause undesired operation of the device.

**Standards:**

FCC Part 15:2005, Subpart B, Class B

ANSI C63.4:2003

CISPR 22:1997+A1:2000+A2:2002

CISPR 16-1:2003

**European Compliance**

This product meets the requirements for the below standards and hence fulfills the requirements of the EMC Directive 89/336/EEC as amended by Directives 92/31/EEC and 93/68/EEC within the CE Marking Requirement.

**Standard(s) To Which Conformity Is Declared:**

EN55022: 1998+A1:2000+A2:2003 Class B

EN61000-3-2: 2000

EN61000-3-3: 1995+A1:2001

EN55024: 1998+A1:2001+A2:2003

IEC61000-4-2: 1995+A1:1998+A2: 2000

IEC61000-4-3: 2002

IEC61000-4-4: 2004

IEC61000-4-5: 1995+A1:2000

IEC61000-4-6: 1996+A1:2000

IEC61000-4-8: 1993+A1:2000

IEC61000-4-11: 1994+A1:2000