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Camera and Electronic Products for Integrators

VADDIO™ PREVIEW™ QUAD 4 LCD RACK MOUNT MONITOR

PreVIEW Quad 4 (Part Number 999-5500-004)

PreVIEW Quad 4 Overview:

The Vaddio PreVIEW Quad 4 LCD Rack Mount Monitor features four 4" (10.16cm) high resolution active matrix LCD Monitors for exceptional video clarity and color handling. The PreVIEW Quad 4 is a simple and straight forward four LCD rack mount monitor without controls for previewing general shots and areas without the need for extreme detail.

All four of the 480 x 234 resolution LCD panels on the Quad 4 have their own input and amplified loop through on BNC connectors for ease of configuring video production systems.

Figure 1:
PreVIEW Quad 4 (top) 2RU enclosure is FCC and CE certified and carries the FCC and CE marks.

Constructed of heavy gauge aluminum and steel, the enclosure is both tough and attractive and can be a tilted ± 25° for setting up optimum viewing angles. The PreVIEW Quad 4 is 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.

UNPACKING

Each PreVIEW Quad 4 system contains the following items, please unpack and identify the following parts: One (1) PreVIEW Quad 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.

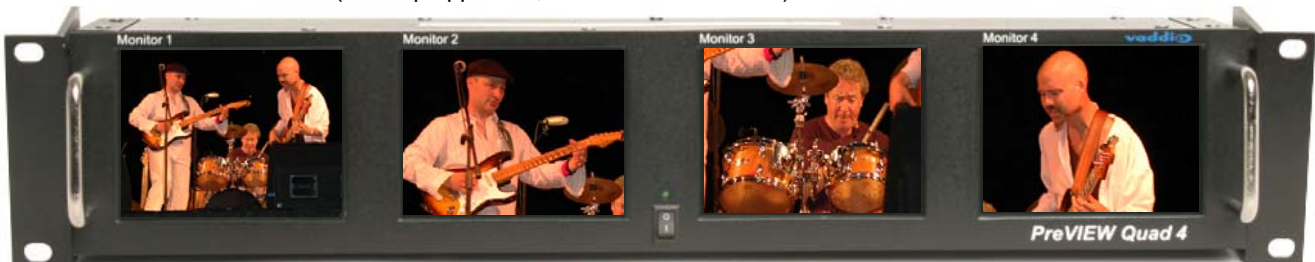**PreVIEW Quad 4:** Front Panel (tilted up approx 5°, simulated video feeds):

Figure 2: Front panel of PreVIEW Quad 4 with handles for positioning and master on/off switch.

Figure 3: Back Panel of PreVIEW Quad 4 showing 2-BNC connectors (in & out) per LCD and power connector.

Table 1: General Specifications

Specification	Vaddio PreVIEW Quad 4 LCD Rack Mount Monitor
Displays	Four (4), 4" Diagonal LCD Panels
Panel Resolution	480 x 234
Active Area	8.21cm x 6.18cm
Dot Pitch	0.171mm × 0.264mm
Brightness and Contrast Ratio	250 (cd/m^2), 350:1
Video Signals	NTSC & PAL, auto-recognition
Video Inputs	Four (4) on BNC Connectors, 1 V p-p, 75 ohm
Video Outputs	Looping Outputs (active components) on four (4) BNC Connectors
Dimensions	19.125" (48.58cm) W x 3.5" (8.89cm) H x 2.75" (6.985cm) D
Front Panel Controls	One Master On/Off Switch for all four (4) monitors with integrated Green LED
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 free of charge.

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.

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

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