

February 13, 2006

PANORAMA<sup>dtv</sup>, the video division of Wohler Technologies, Inc.

# PANORAMA<sup>dtv</sup> RM-2440

**Compact Dual-Standard Quad 4" 4:3 LCD Color Monitor with Optional Audio Indication and Input Capabilities**



## Features:

- Quad 4 LCD Color Video Monitor
- Adjustable Screen Angle (-55°) for Efficient Viewing
- Field Serviceable, Designed for Easy Field Maintenance
- Optional (Field Installable) Audio Indication Module Available (plugs into rear d-sub and uses Tally Lights)
- Optional (Field Installable) SDI Input Module With reclocked SDI and Converted Analog Monitoring Outputs
- Two Composite Video Inputs per Screen, 8 total
- Mix & Match Analog and Digital Video Inputs
- Switchable 75 Ohm or Hi Z Loop-Throughs for all 8 channels
- Front Panel Controls for Color, Tint/Hue, Contrast And Brightness
- Compact 2U, 3.2 Deep and Lightweight
- Dual Standard NTSC/PAL Auto-Sensing
- Red/Green/Yellow Tally Lights
- Low Operating Temperature
- Low Power Consumption
- Front Panel A/B Switching

RM-2440 is a quad 4.0 LCD color video monitor, with a 4:3 aspect ratio. The standard version has 2 composite video inputs per screen, 8 total (NTSC and PAL autosensing). Each BNC composite video input has a passive loop-through and a 75 ohm termination switch. The high quality LCD chassis offers adjustable viewing angles for efficient operator viewing.

Optional field-installable modules may be added (one per LCD screen), each one provides an SDI video input channel with a reclocked SDI video output and a converted composite video output. Use of an SDI module disables your second composite input.

Built-in Red/Green/Yellow tally lights from a rear panel connector can be interfaced to most tally systems.

An optional field-installable Audio Indication Module can be plugged in to the tally system for audio confidence monitoring needs.

The RM-2440 is ideal for confidence audio/video monitoring of multiple audio and video feeds for mobile trucks, news and transmission control rooms, duplication and post production applications.

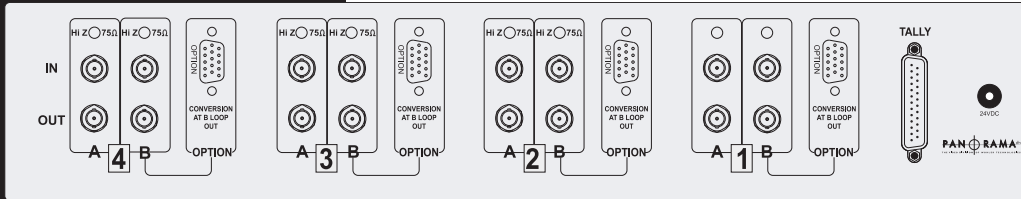
Built and rigorously tested in the USA the RM-2440 is backed by a strong warranty and a Satisfaction Guaranteed return policy.



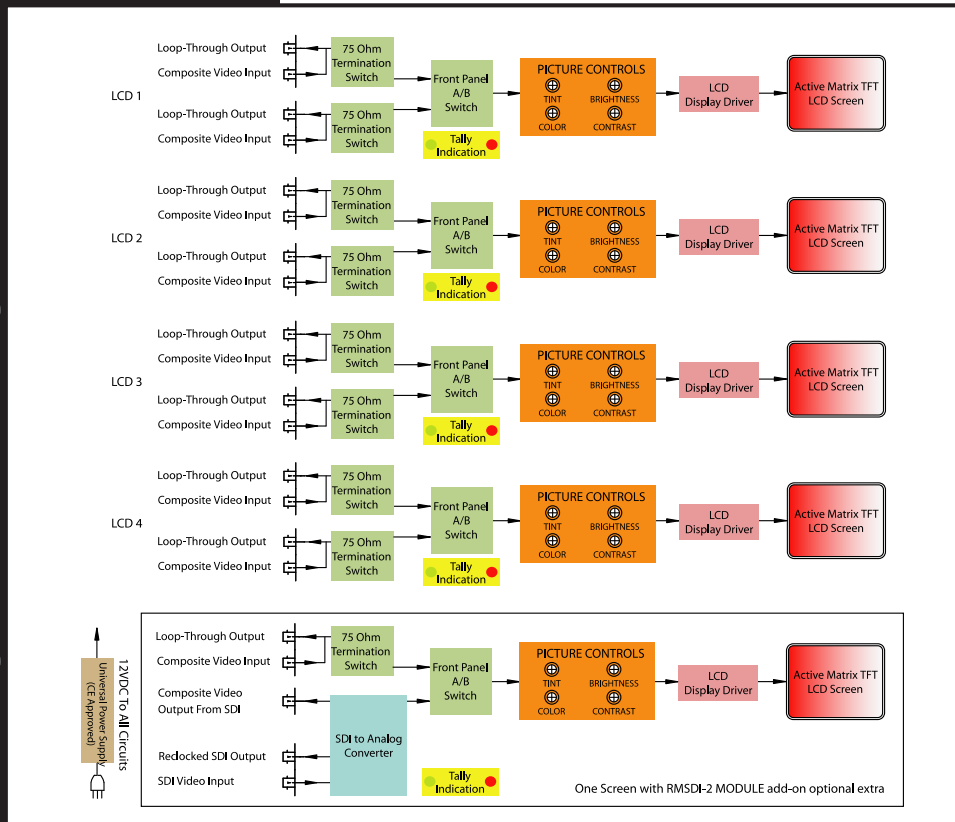
# PANORAMAdtv RM-2440

Compact Dual-Standard Quad 4" 4:3 LCD Color Monitor

## Rear Panel:



System Diagram:



## Specifications:

Video input	2 composite video inputs per screen
Video input termination	selectable 75 ohm termination
Video output	2 loop-through composite video outputs per screen
Screen size	4 diagonal, 3.23 H x 2.43 V
Screen type	active matrix TFT
Source selection	A/B selection
Display modes	.NTSC/PAL autosensing
Aspect ratio	.4:3
Picture controls	.brightness, chroma, tint & contrast
Resolution (dots x lines)	.480 x 234
Dot pitch	.0171mm ø 0.264mm
Color configuration	.RGB stripe
Viewing angle	.top=10°, bottom=30° left=45°, right=45°
Contrast ratio	.150 (typ.)
Brightness	.300 NITS (cd/m <sup>2</sup> )
LCD lamp life	.10,000 hours (min.) 15,000 hours (avg.)
Chassis type	.2U, 19 rack mounting (EIA-310D)
Dimensions (W x D x H)	.19 W x 3.2 D x 3.4 H (483 x 81 x 89mm) (does not include depth of connectors)
Weight	.approx. 6lbs (2.72 kg)
Power consumption	.24W typical, 42W max.
Power supply	.110/220 External Power Supply Included

## Optional Extra

SDI Option	.Field installable option board, SDI (ITU-R 601) input, relocked SDI output, composite output of SDI input, use of SDI module disables 2nd composite video input - use one 1 option board per screen.
Audio Indication Option	.Field installable option module uses 25-pin to 8 XLR cable to monitor 4 stereo pair of analog audio