

PANORAMA<sup>®</sup> the Video Division of Wohler

RM-3270W-A™ DUAL 7-INCH MONITOR



PRELIMINARY

### Wohler Solutions: Unsurpassed Quality, Service, and Value Delivered by the Leader in Broadcast Monitoring Applications

The RM-3270W-A is designed for confidence monitoring of analog video with analog and AES audio in the production environment. Each of the screens can display standard definition video on a high resolution wide screen plus has meters for up to 4 channels of audio per screen.

Additional overlays can be added by the operator for Safe Area and Safe Title markers, Center mark and Display Name.

The slim and light weight design provides 2 screens in a very compact 3 rack units, while the chassis is only 2.44 inches deep.

## FEATURES

- UP TO 4 AUDIO METERS CAN BE ASSIGNED TO ANY AUDIO CHANNEL
- ACCEPTS 3 CVBS INPUTS ON THE SAME CONNECTION
- 16:9 OR 4:3 ASPECT RATIOS
- SAFE AREA DISPLAY MARKER
- SAFE TITLE DISPLAY 90% AND 80%
- FRAME MARKS 4:3, 2.35:1, 1.85:1, 15:9, 14:9, 13:9
- 3 USER PROGRAMMED FUNCTION BUTTONS
- IN MONITOR DISPLAY UP TO 10 CHARACTERS IN RED, YELLOW, GREEN, OR WHITE
- DESIGNED FOR HIGH RESOLUTION STANDARD DEFINITION IMAGING
- INSTALLS IN 19-INCH EQUIPMENT RACK
- SLEEK AND COMPACT DESIGN WITH NO WASTED SPACE

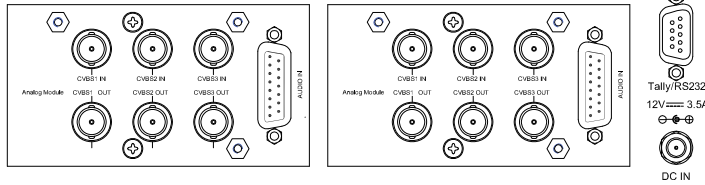
Auto-sensing on  
input signal

4-channel audio meter  
display for balanced  
AES/Analog

UMD



Safe & Area Marker



## GENERAL/PHYSICAL SPECIFICATIONS

Power Requirements	12 VDC
Power Consumption	Approximate 10 Watts
Dimensions (Basic) (W x H x D)	19.125 x 5.15 x 2.44 (inch), 485 x 131 x 62 (mm)
Weight Approximate	4 lbs / 1.81 kg
Space Required	3 rack units of EIA-19 standard equipment rack
Supplied Accessories	AC power adapter (100-240VAC to 12VDC) with EIA region appropriate power cord
Optional Accessories	None available

## TECHNICAL SPECIFICATIONS

Inputs (Connector)	3 BNC connectors for CVBS and 4 analog audio inputs plus 2 AES per screen (DB-15), Tally (DB-9)
Outputs	Loop out from all BNC connectors
Display Type	Active color matrix amorphous Silicon TFT
Screen Treatments	Anti-glare 3H hardness
Active Viewing Area	6.22" (H) x 3.58" (V), 157.99mm (H) x 90.93mm (V)
Resolution	800 x 480
Pixel Pitch	0.1905mm (H) x 0.1905mm (V) per RGB pixel cluster
Pixel Response	<25 ms
Luminance	400 cd/m <sup>2</sup>
Contrast	400:1
Viewing Angle	60° H 50/60° V
Chromaticity	72% ITU-R BT.709-5, SMPTE C and EBU profiles
Color Depth	262K colors

Specifications and features subject to change. 10/08

## BENEFITS

- **Compact Design** – Occupies only 3RU.
- **Low Weight** – Under 4 lbs. Using PANORAMAdv monitors in an OB-Van can save thousands of pounds gross weight resulting in significant savings for interstate transportation tolls and fuel expenditures.
- **Low Power** – Requires 80% less power than a 2 individual, small screen CRT unit.
- **Environmentally Friendly** – The components used in the construction of the RM-3270W-A units contain no contaminants, compared to a CRT that has several pounds of lead and other hazardous substances.
- **Brighter Screen** – Each RM-3270W-A screen can be easily adjusted to a brightness of 400-cd/m<sup>2</sup> and can be used in a much wider range of ambient lighting conditions than the typical CRT at 100-cd/m<sup>2</sup>.
- **Accurate Color Reproduction** – The RM-3270W-A is a totally digital device and unlike CRTs, uses the end to end precision of CCIR-601/656 digital values for chrominance and luminance while producing 72% color gamut.
- **Valuable Features For Production** – Frame markers and area markers provide the correct tools for shot composition in any environment.
- **Display Metering For Up to 4 Channels of Audio** – Saves cost and space where only signal level and peak display are needed.
- **Audio Headphone Out** – The audio from any screen can be selected to the headphone providing aural confidence of signal.



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