

PANORAMAdtv, the video division of Wohler Technologies, Inc.

PANORAMAdtv VAMP-1

Analog Audio/Video Color Monitor



Features:

- Video & Audio Monitoring in 2U
- 4" Color LCD Video Screen - Auto NTSC / PAL
- Self-Powered Speaker System
- Level Meters & Phase - High-Resolution 53-Segment Tri-Color LEDs
- Single Group of Two Audio Channels
- Internal or External Speaker Switch (No Amplifier Needed)
- Headphone Jack (mutes speakers)
- Low Power Consumption
- SDI/AES Digital version also available (VAMP-2 SDI)
- Other Analog Version with A/B switching available (VAMP-24)

VAMP-1 offers the ability to monitor both audio and video from a single analog source. All contained in one space saving 2U unit.

The built in Color LCD screen offers simple confidence monitoring of video in either NTSC or PAL.

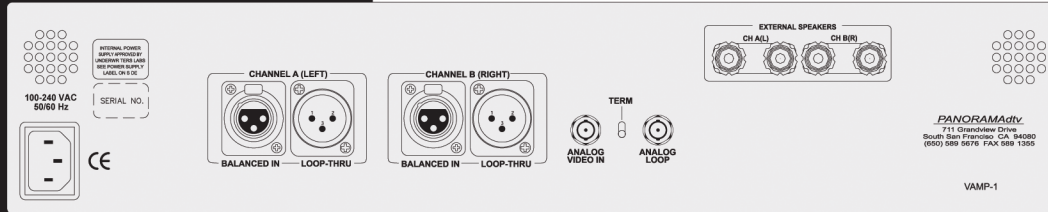
The analog audio section has a single group of two channels with supporting hi-resolution 53-segment tri-color LED bargraph level meters.

VAMP-1 is ideal for broadcast facilities needing confidence-level audio/video monitoring where operator-convenient rackspace is at a premium.

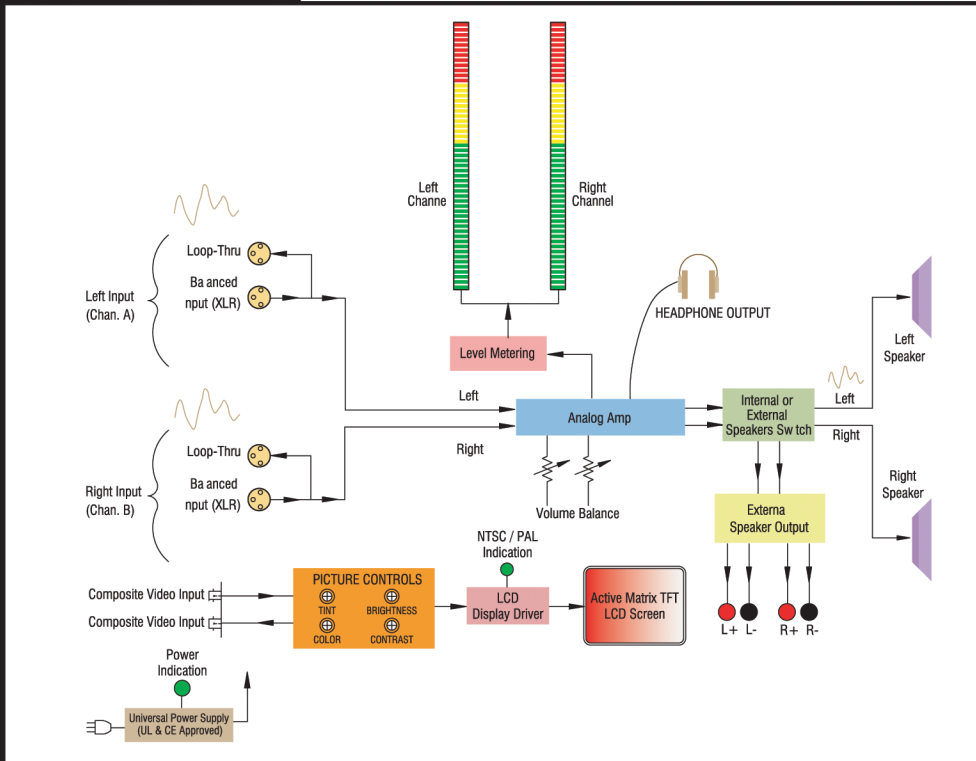
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Rear Panel:



System Diagram:



Specifications:

Peak acoustic output	100 dB SPL (@ 2 ft.)
Electrical response	20Hz - 20kHz ± 1dB
Acoustic response, 1/6 octave	170 Hz - 16 kHz (±5 dB) (-10dB @ 140Hz, 20kHz)
Speaker amp power output	20 W transient / 11 W cont RMS each side (4 ohm)
Distortion, electrical	Less than 0.1% at any level below limit threshold
Distortion, acoustic	Typically less than 1.5% at frequencies above 200 Hz; 6% or less at worst case
Hum and noise	More than 70 dB below full output
Input	Composite Analog - IV pk-pk NTSC/PAL Auto-sensing
Display Resolution	480H x 230V
Screen type, size	TFT 4" Diagonal
Controls	Brightness, Chroma, Tint, Contrast
Magnetic Shielding	<0.4 gauss any adjacent surface
Weight	17 lbs. (7.7 kg)
AC mains power requirements	100-25-VAC, 50/60Hz auto select
Power consumption (avg,max.)	.60W
Dimensions (H x W x D)	3.5 x 19 x 12 inches (89 x 483 x 298mm)