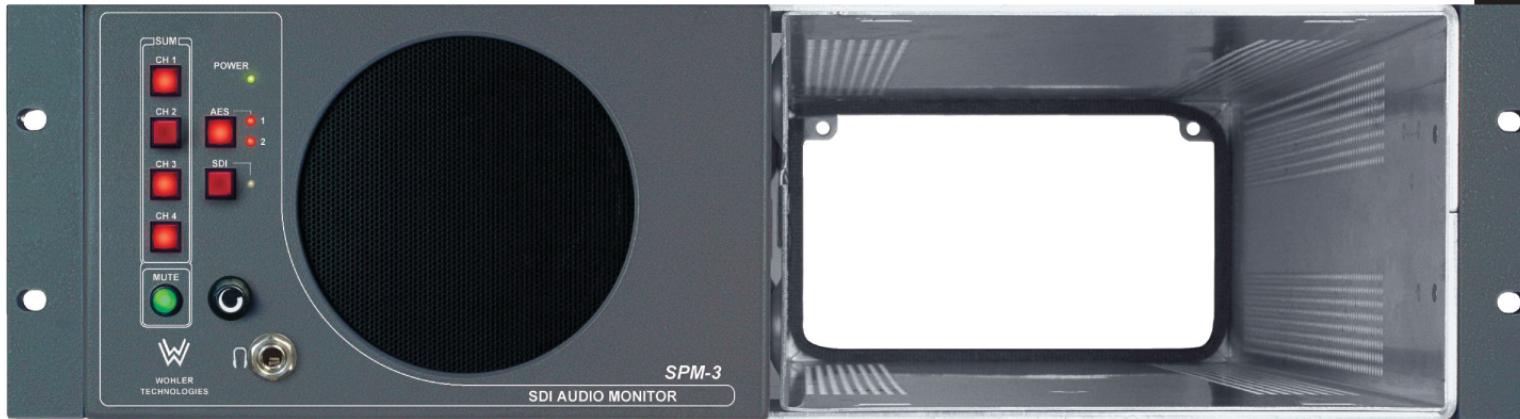


World Leader • In-Rack • Audio & Video Monitoring

WOHLER SPM-3

Half-Rack, Four Channel SDI & AES/EBU Digital Audio Confidence Monitor

February 26, 2004



Unit shown in a standard 1/2 rack chassis, not included

Features:

- 3U Half-Rack Chassis for Compact Mounting next to Test Equipment or Video Monitors
- Fits in Standard Tektronix™ Half Tub
- Powerful, 95dB SPL at 1' (0.3m)
- 1 SDI Input (All 4 Channels of Group One) with Reclocked SDI Output
- 2 AES/EBU Digital Inputs
- 4 Balanced Analog Outputs from Digital Inputs
- Any Combination of 4 AES/EBU or 4 SDI Channels may be Summed
- Volume Control
- AES & SDI Signal Present LEDs
- Mute Switch with LED Indication
- Headphone Jack, Mutes Speaker
- Thorough Magnetic Shielding for Placement next to Video Monitors
- Blowout-Proof Speaker
- Internal Universal AC Mains Power Supply
- Quick and Simple Installation

The SPM series of audio confidence monitors from Wohler Technologies offer voice quality confidence monitoring of up to 4 channels. Channels may also be summed together in any combination with convenient front panel control buttons.

4 models are available offering a choice of analog, AES/EBU digital, analog & AES/EBU digital or SDI & AES/EBU digital input sources.

Units fit into a standard Tektronix™ half tub, ideal for placement next to video monitors or test equipment.

SPM series units have a front panel volume control, mute button and active channels are indicated with convenient LED indication allowing the operator to tell at a glance which channels are active.

The SPM series of audio confidence monitors are completely magnetically shielded to allow interference-free operation immediately adjacent to all CRT video monitors. The chassis size makes the unit ideal to sit alongside video monitors and other half rack devices.

Built and rigorously tested in the USA, the SPM series is backed by a strong warranty and a "Satisfaction Guaranteed" return policy.

**I-TECH
COMPANY**
www.i-techcompany.com
Toll Free: 1-888-483-2418
USA: 1-510-429-9288
Fax: 1-510-372-2736

Audio Monitoring

Level Metering

Alarm Systems

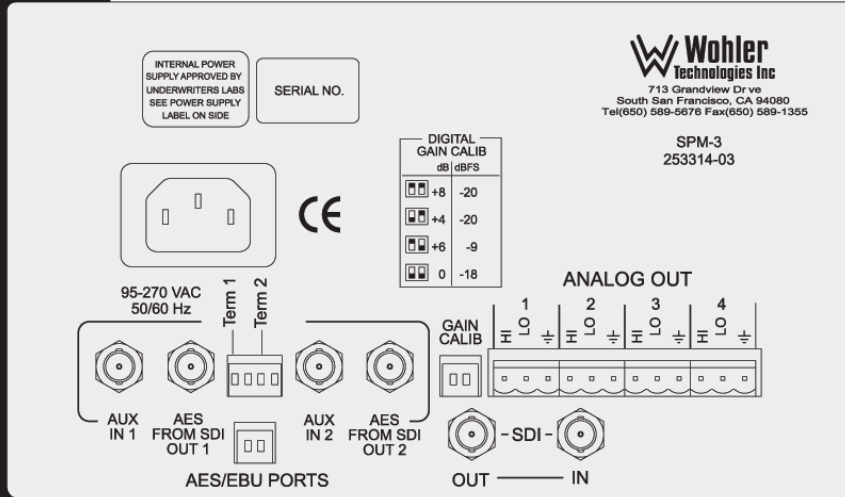
Video Monitoring

Wohler

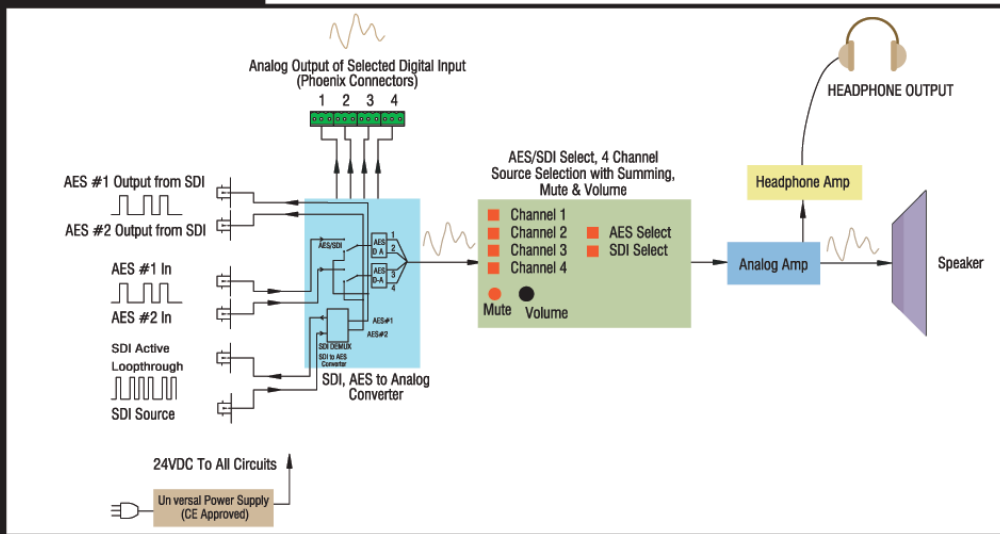
WOHLER SPM-3

Half-Rack, Four Channel SDI & AES/EBU Digital Audio Confidence Monitor

Rear Panel:



System Diagram:



Specifications:

Input signal types	SDI and AES/EBU
SDI input connectors	1 x BNC (75 Ohm)
SDI output connectors	1 x BNC (75 Ohm, re-clocked)
AES/EBU input connectors	2 x 75 Ohm BNC
AES/EBU output connectors	2 x 75 Ohm BNC
AES/EBU sampling rates	31 kHz to 48 kHz
AES/EBU termination	by DIP switch on rear panel
Analog output of digital source	4 x phoenix
Output gain adjustment	by DIP switch on rear panel
SDI receiver type	auto equalizing with clock regeneration
SDI input formats	component, either 525 or 625 line w/ 48 KHz audio
SDI audio sampling rate	48 kHz
Acoustic frequency response	60 Hz to 15 kHz (± 0.5 dB)
Maximum acoustic output	95dB at 1 foot (0.3m)
Electrical distortion	<0.2% @ any volume
Magnetic shielding	< 1 gauss any adjacent surface
Hum and noise	better than -70 dB below full output
Dimensions (HxWxD)	.52 x 8.4 x 17" (132 x 213 x 432mm)
Weight	13 lbs. (5.8kg)
Power supply	universal AC input (100-240V) UL/CSA approved
Power consumption	.30W (avg. / max)