

# Lindos

## LG1 PORTABLE DIGITAL / ANALOGUE GENERATOR



- Portable battery-powered AES-EBU and analogue generator
- 32k, 44.1k, 48k sample rates plus external lock
- 24bit wordlength
- 1kHz and 400Hz modulation
- Selectable digital output levels, 0dB FS, -8dB FS, -18dB FS
- Selectable analogue output levels, +8dBu, 0dBu, -10dBu
- Channel ident on CH-B digital and right channel analogue
- Balanced AES-EBU digital and left / right analogue outputs
- Validity bit selection for audio / data identification
- Convenient belt-clip
- 2 hour rechargeable battery life with “low battery” warning
- Attractively priced
- Matching LM1 monitor available



LM1 Monitor with LG1 Generator

Always handy thanks to the belt clip

Lindos

Lindos Electronics, Saddlemakers Lane, Melton, Woodbridge, Suffolk IP12 1PP  
Tel: +44 (0) 1394 380307 Fax: +44 (0) 1394 385156 email: info@lindos.co.uk

## LG1 PORTABLE DIGITAL / ANALOGUE GENERATOR



### REAR PANEL

The LG1 is a portable, battery powered unit that generates digital and analogue audio test signals that may be injected into the signal path when testing device performance or signal path continuity with a Lindos LM-1 monitor or any other audio monitor or metering device.

The LG-1 generates an AES/EBU digital audio signal, 400Hz or 1kHz, at the three most commonly used sampling rates of 32kHz, 44.1kHz or 48kHz. The unit may also be synchronised to an external digital reference signal. Digital signal levels of -18, -8 and 0dBFS are front panel selectable. Stereo analogue tones of 400Hz or 1kHz may also be selected at levels of -10, 0 and +8dBu.

To distinguish between the CH A and CH B (left and right) signals, the unit provides the option to cycle and/or invert the CH B signal or turn it off completely. A send invalid function on the LG-1 sets the invalid bit in the AES/EBU bit stream.

Powered by four rechargeable AA ni-cad cells and equipped with a belt clip, the LG-1 is always ready to go. For bench work, the unit may also be powered via an AC adapter (supplied). With the AC adapter plugged in, the batteries recharge whilst in use.

Balanced 110Ω AES/EBU connections are made via an XLR male connector located on the rear panel. A female XLR connector is provided for the digital reference input. Balanced, low impedance, stereo analogue audio signals are provided on two tip-ring-sleeve jacks on the rear panel.

**Lindos**

Lindos Electronics, Saddlemakers Lane, Melton, Woodbridge, Suffolk IP12 1PP  
Tel: +44 (0) 1394 380307 Fax: +44 (0) 1394 385156 Email: [info@lindos.co.uk](mailto:info@lindos.co.uk)

# Lindos

## LM1 PORTABLE DIGITAL / ANALOGUE MONITOR



- Portable battery-powered AES-EBU and analogue monitor
- 32k, 44.1k, 48k sample rates plus non-standard lock
- Headphone output with volume control
- 110 W or Hi-Z digital input
- Accurate level indication for both digital and analogue inputs
- Digital status and error monitoring
- 18 bit D-A converter for “better than CD” resolution
- Convenient belt-clip
- 4 hour rechargeable battery life with “low battery” warning
- Attractively priced
- Matching LG1 generator available



LG1 Generator with LM1 Monitor

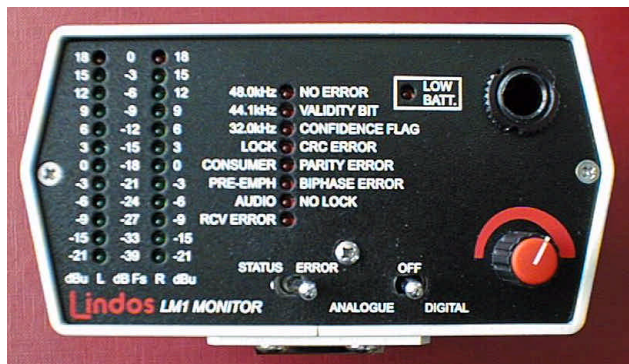


Always handy thanks to belt clip

Lindos

Lindos Electronics, Saddlemakers Lane, Melton, Woodbridge, Suffolk IP12 1PP  
Tel: +44 (0) 1394 380307 Fax: +44 (0) 1394 385156 email: info@lindos.co.uk

## LM1 PORTABLE DIGITAL / ANALOGUE MONITOR



FRONT PANEL



REAR PANEL

The LM-1 is a low cost, portable beltback unit for monitoring digital audio (AES/EBU, S/PDIF) or analogue audio signals. The LM-1 has a headphone output and LEDs to display basic signal parameters and the “health” of a digital audio signal.

The LM-1 is well suited for use in professional or consumer environments such as broadcast installations, production studios, signal distribution facilities or any other place where digital or analogue audio signals are used. Analogue or digital programme audio can be listened to on the stereo headset output and left / right levels are displayed on the LED bargraph meters.

When monitoring AES/EBU or S/PDIF signals, the LM-1 displays many critical signal parameters such as sampling frequency, audio level, emphasis, professional or consumer format and any data error that may be occurring. If data errors are detected, detailed information can be displayed for system analysis and troubleshooting. The digital input will accept signals with sampling frequencies between 30kHz and 50kHz.

**Lindos**

Lindos Electronics, Saddlemakers Lane, Melton, Woodbridge, Suffolk IP12 1PP  
Tel: +44 (0) 1394 380307 Fax: +44 (0) 1394 385156 Email: info@lindos.co.uk