



The Musician's Recording Interface

OVERVIEW

Introducing M: the musician's choice. Perfect for use at home, in the studio, or any musical environment for that matter, this stylish unit boasts two inputs and two outputs. It is super-easy to use: plug and play, with simultaneous monitoring and recording capabilities through two dedicated I/O.

Input one is a dedicated mic/line and input two is a high impedance instrument, which allows for many musical combinations. Audio capture is also of the highest order thanks to M's top quality converters and industry proven mic preamps; and when listening back, a dedicated high-power headphone output guarantees that classic warm analogue control path in a fun and easy to use package.

And like the rest of the desktop range, M benefits from a non-slip base and optional mic-stand adaptor plate. It is powered by a twist-lock 12V DC power supply (provided as standard) or Power over Ethernet (PoE) for maximum flexibility and ease of set-up, anywhere you want it.

Musical. Power. Practical.

KEY FEATURES

2 inputs / 2 outputs / 48V Phantom / high pass filter and dedicated metering

Just 9cm cubed in high grade aluminium extrusion for rugged yet flexible use

Use as a stand-alone device or as an interface to a larger DiGiGrid system

Analogue controls for pure sonic performance

High resolution input and output meters

Connects to the SoundGrid network via a single Ethernet cable

Compliant with the Soundgrid Studio ASIO/Core Audio driver



DiGiGrid audio interfaces give you the freedom to connect all your DAWs and hardware devices quickly and easily, and the power to run up to hundreds of plugins in real time. Waves, the world's leading developer of audio plugins, and DiGiCo, the world's leading manufacturer of professional mixing consoles, have joined forces to create the most advanced audio interfaces on the market, with award-winning preamps and superior networking and processing capabilities.

TECHNICAL SPECIFICATIONS

FRONT

- 1 x Headphone output (1/4" TRS)
- 1 x Instrument input (TRS)
- 1 x Mic/Line input (XLR)

REAR

- 1 x SoundGrid RJ45 Ethernet port (PoE compatible)
- 1 x Quarter turn lock power connector



A&E SPECIFICATION

The DiGiGrid M shall be an audio interface for the SoundGrid Network.

The front of the unit shall have a headphone output (1/4" TRS) with an analogue level control on the top of the unit. This level control shall have segmented LED metering around it. It shall also have an XLR Mic/Line input with physical controls for phantom power and a switchable high pass filter; and a 1/4" TRS Instrument input. Each shall have segmented LED metering, physical controls for gain and a mix button. Pressing the mix button shall send the input signal directly to the headphone output buss.

The rear of the unit shall have an RJ45 ethernet port for connection to the SoundGrid network. This port shall also allow the unit to be powered by PoE. Alternatively, there shall be a quarter turn lock power connector on the rear of the unit to power it.

There shall be an optional mic-stand adaptor plate that can be mounted to the base of the unit. This shall allow the unit to be fixed to the top of a mic-stand.

The dimensions of the M shall be: 90 (w) x 108.6 (d) x 113.9 (h) mm
The weight of the M shall be: 0.7kg

AUDIO SPECIFICATIONS

Sample Rate: 44.1kHz / 48kHz / 88.2kHz / 96kHz
Mic Input
Input Impedance: 1K5 Ohms
Gain Range: 0 to +70dB
Frequency Response: -3dB <10Hz to 100kHz
Harmonic Distortion: 0.005% (40dB Gain)
Noise EIN: Typ -127dB (70dB Gain)
High Pass Filter: -3dB 100Hz 18dB/Octave
Instrument Input
Input Impedance: 1M Ohms
Gain Range: +6 to +30dB
Frequency Response: -3dB <10Hz to 100kHz
Harmonic Distortion: 0.005%
Noise Min Gain: -82dBu
Noise Max Gain: -73dBu

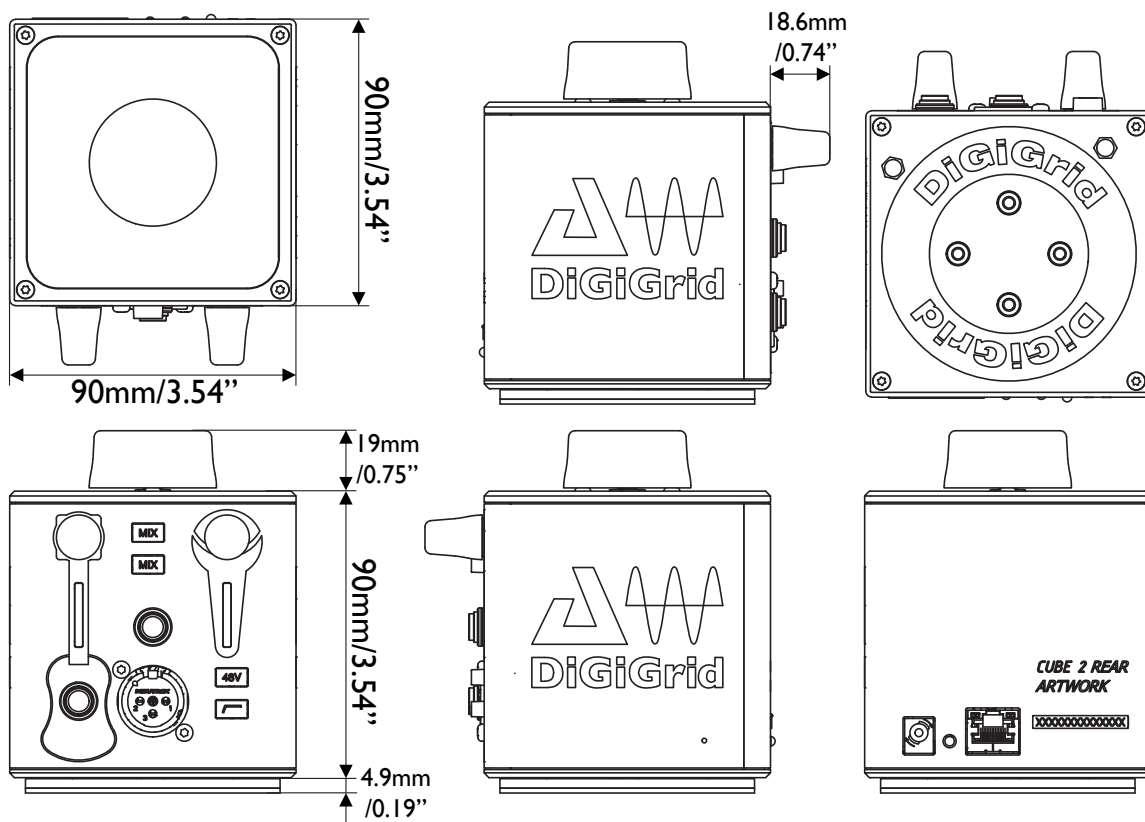
HEADPHONES

Gain Range	Infinity to +10dB	
Max Output Level	Load	Level RMS
	16 Ω	2.3V
	32 Ω	3.7V
	100 Ω	6.0V
	200 Ω	7.5V
	600 Ω	8.8V

SoundGrid audio networking gives you the freedom to connect multiple I/Os, mixing consoles, DAW computers and DSP servers to the same system, all using standard Cat 5e/Cat 6 Ethernet cables. Boasting state-of-the-art AD/DA convertors, DiGiGrid intergaces ensure high fidelity with uncompromising dynamic range, plus the ease and flexibility of the SoundGrid network.

LINE DRAWING

All dimensions in mm



PHYSICAL

Dimensions: 90mm (w) x 108.6mm (d) x 113.9mm (h)

Weight: 0.7kg (1.5kg boxed)

Power Requirements: 12V, 1250mA DC

Product Code: X-DG-M

Product Code: X-DG-MSA (Mic Stand Adaptor)

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