DiGiGrid

MGO
Optical MADI Interface

OVERVIEW

The DiGiGrid MGO interface gives you the ability to connect any optical MADI-enabled device to Waves SoundGrid, for networking and processing. Use hundreds of Waves and third-party plugins to record, process and playback up to 128 audio channels, with super-low latency of only 0.8 milliseconds. This compact and portable MADI interface even lets you record to two computers at the same time, so you can use one for virtual soundcheck, the other for backup. Whether you're in a hotel room, on the tour bus or between flights, you can get to work setting up your next show – on your laptop.

With a DiGiGrid MGO MADI-to-SoundGrid interface and an Ethernet cable, real-time low-latency networking and processing is at your fingertips.

KEY FEATURES

MADI-to-SoundGrid interface

Plug any MADI-enabled device into SoundGrid

Record, process* and playback up to 128 channels

Record to multiple computers simultaneously**

Compliant with the SoundGrid Studio ASIO/Core Audio driver

*Real-time processing requires a DiGiGrid SoundGrid Server

**Requires a network switch

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

2 x LC Optical MADI I/O interfaces (MultiMode)

AUDIO SPECIFICATIONS

Sample Rate: 44.1kHz / 48kHz / 88.1kHz / 96kHz

OPTIONS

Upgrade to SingleMode Optics per optical interface

REAR

1 x SoundGrid RJ45 Ethernet port

1 x Word Clock Input (BNC)

1 x Screw Lock Power connector

1 x Kensington Security Slot

A&E SPECIFICATION

The DiGiGrid MGB shall be an audio interface for the SoundGrid Network with Optical MADI connectivity.

The front of the unit shall have 2 MADI LC Optical MultiMode interfaces to support 112/128 channels I/O at 48kHz and 56/64 channels I/O at 96kHz. The rear of the unit shall have an RJ45 port for connection to other SoundGrid devices. It shall also have a Word Clock input, a reset switch, a Kensington Security Slot and a professional grade screw lock power connector.

The clock synchronisation source shall be chosen from (in fallback order) Word Clock, MADI (port A), SoundGrid (sync over ethernet) or internal. There shall be a software option to switch between SMUX and Hi-Speed MADI at 96kHz. There shall also be an option to switch between 64 channel and 56 channel MADI.

There shall be an option to upgrade the SFP for each Optical interface to SingleMode.

The dimensions of the MGO shall be: 106 (w) x 148.2 (d) x 29 (h) mm
The weight of the MGO shall be: 0.5kg

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.

148.2mm/5.83"

106mm/4.17"

29mm /1.14"

PHYSICAL

Dimensions: 106mm (w) × 148.2mm (d) × 29mm (h)

Weight: 0.5kg (1.5kg boxed)

Power Requirements: 5V, 2A DC

Product Code: X-DG-MGO

DiGiGrid
www.digigrid.net