MGB
Coaxial MADI Interface

OVERVIEW

Compact and portable, the DiGiGrid MGB interface lets you plug any coaxial MADI-enabled device into the power of the Waves SoundGrid networking and processing platform. Record, process and playback up to 128 audio channels, using hundreds of Waves and third-party plugins, with super-low latency, clocking in at only 0.8 milliseconds! You can even record to two computers simultaneously: One for virtual soundcheck, the other for backup. So if you're on the tour bus, in your hotel room, at the airport – wherever – you can quickly and conveniently setup your next show, using only your laptop.

With a DiGiGrid MGB MADI-to-SoundGrid interface, real-time low-latency networking and processing is only an Ethernet cable away.

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 BNC MADI I/O interfaces

AUDIO SPECIFICATIONS

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

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 BNC MADI connectivity.

The front of the unit shall have 2 MADI BNC 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.
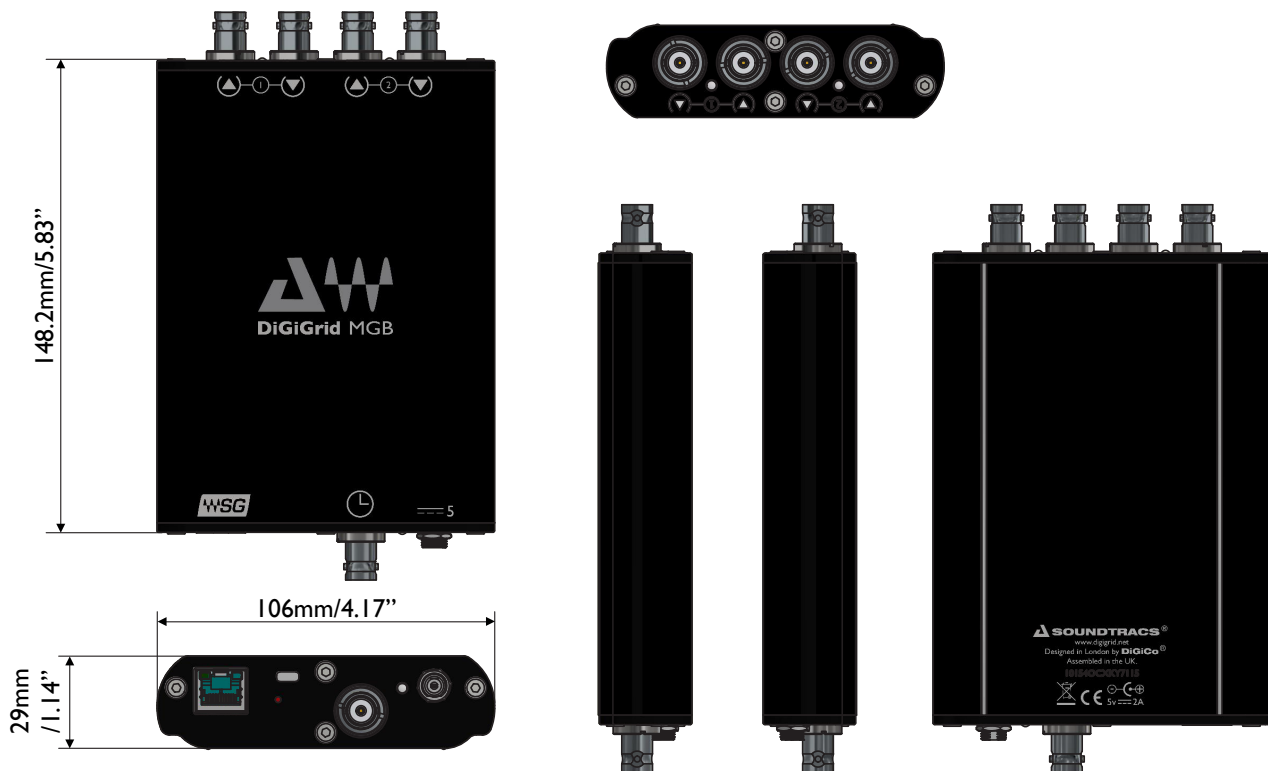
The dimensions of the MGB shall be: 106 (w) x 148.2 (d) x 29 (h) mm
The weight of the MGB shall be: 0.5kg

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.

LINE DRAWING
All dimensions in mm

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-MGB

DiGiGrid
www.digigrid.net