



## OVERVIEW

The DiGiGrid Rackmount Quad MADI Interface allows you to record up to 128 channels at 96kHz. Expanding on the DiGiGrid MGB and MGO interfaces, the MGR broadens the MADI range. Housed in a 1U chassis and offering redundant power supplies and a built in switch, the MGR is ideal for all high channel count high sample rate MADI recordings.

With a DiGiGrid MGR MADI-to-SoundGrid interface, high channel count recording and low latency processing is only an Ethernet cable away.



## KEY FEATURES

Quad BNC MADI-to-SoundGrid interface

Optional optical MADI Card available

Dual Redundant Power Supplies

Built-in SoundGrid network switch

Plug any MADI-enabled device into SoundGrid

Record, process\* and playback up to 128 channels at 96kHz\*\*

Record to multiple computers simultaneously

Compliant with the Soundgrid studio ASIO/Core Audio driver

1U Rackmount unit

\*Real-time processing requires a DiGiGrid SoundGrid Server

\*\*Recording and playback of more than 128 channels at 48kHz requires a second computer



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 EtherCON port
- 2 x Power buttons

### OPTIONS

- Quad BNC
- Quad Optical
- Dual BNC & Dual Optics
- Optical module card

### REAR

- 4 x BNC MADI I/O interfaces
- 1 x SoundGrid RJ45 Ethernet port (switched with front EtherCON port)
- 1 x Word Clock Input (BNC)
- 2 x AC PSUs

### AUDIO SPECIFICATIONS

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



## A&E SPECIFICATION



# DiGiGrid

The DiGiGrid MGR shall be an audio interface for the SoundGrid Network with BNC MADI and/or Optical MADI connectivity.

The front of the unit shall have an On/Off button for each power supply and an EtherCON port for connection to other SoundGrid devices. The rear of the unit shall have an RJ45 port that is switched to the EtherCON port on the front of the unit. It shall also have 4 MADI BNC interfaces (two MGB modules) to support 224/256 channels I/O at 48kHz and 112/128 channels I/O at 96kHz. The rear shall also have a Word Clock input and two redundant AC inputs.

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 switch one or both of the BNC modules to Optical MADI (MGO) modules. There shall also be an option to individually purchase an optical MADI module.

The dimensions of the MGR shall be: 482.6 (w) x 306 (d) x 43.6 (h) mm  
The weight of the MGR shall be: 4.5kg

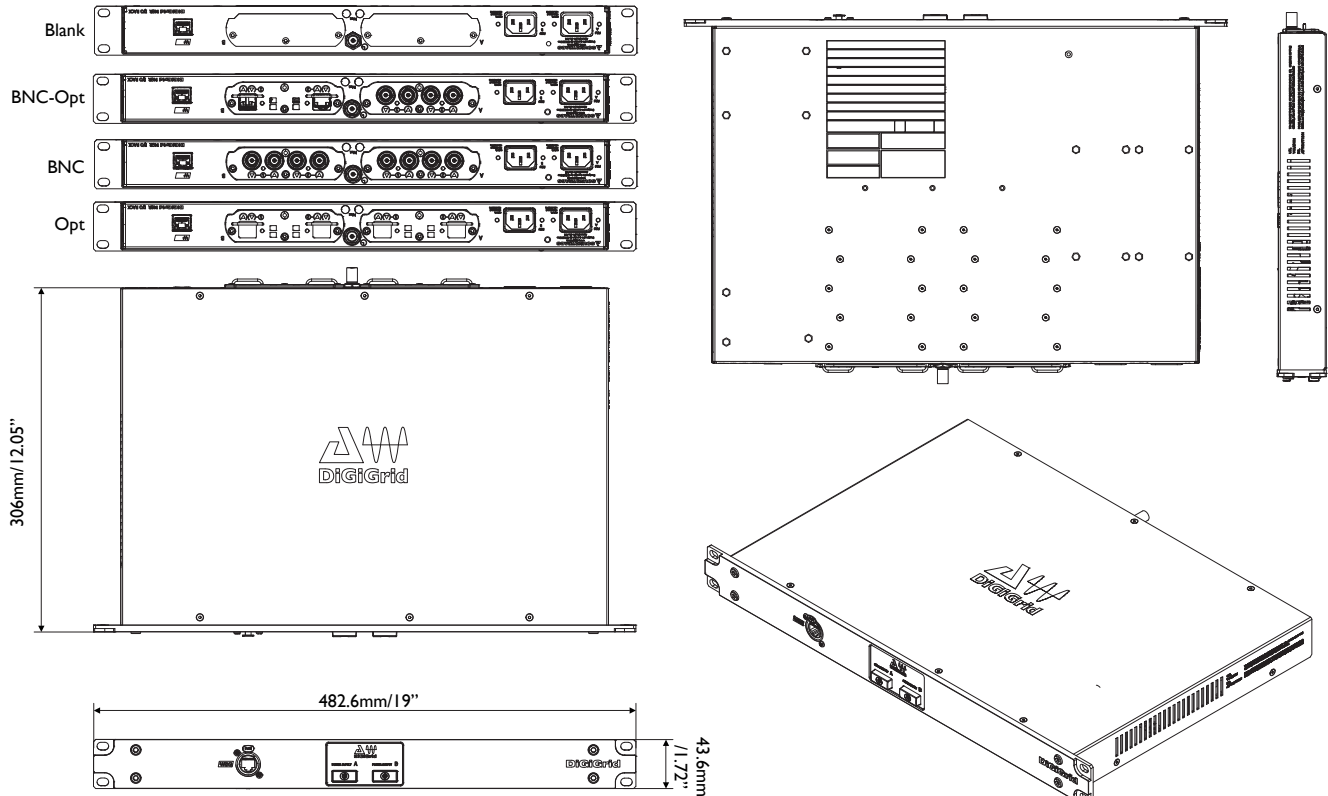


SoundGrid audio networking gives you the freedom to connect multiple I/Os, mixing consoles, DAW computers and DSP servers to the same system, all using standard Cat 5e/Cat 6 Ethernet cables. Boasting state-of-the-art AD/DA convertors, DiGiGrid interfaces ensure high fidelity with uncompromising dynamic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



## LINE DRAWING

All dimensions in mm



### PHYSICAL

Dimensions: 482.6mm (w) x 306mm (d) x 43.6mm (h)

Weight: 4.5kg (7kg boxed)

Power Requirements: 100-240 VAC, 1.5A, 50/60Hz

Product Code: X-DG-MGR (Quad BNC)

Product Code: X-DG-MGR-O (Quad Optical)

Product Code: X-DG-MGR-BO (Dual BNC & Dual Optical)

Product Code: X-DG-MGR-OPTIC (Optical MADI card for MGR)

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