



Desktop Interface

OVERVIEW

Designed in much the same way as M & Q, the DiGiGrid D is the more expansive option, allowing the user to get even more creative with this clever little desktop interface.

With four inputs rather than two, and six outputs, D provides great flexibility in all applications. Inputs 1 & 2 are mic/line, and 3 & 4 are line/instrument. There are two outputs with level control ideal for monitoring, and two further fixed level line outputs.

At home, in the studio or out on location, monitor with headphones or speakers, and enhance your favourite DAW to expand your recording capabilities.

As with the entire range, further expansion is simple: D integrates seamlessly with other DiGiGrid products, to provide the user with mountains of extra I/O, and overall functionality.

Dynamic. Powerful. Practical.



KEY FEATURES

Compact format 4 input, 6 output 96kHz advanced audio interface

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)

REAR

2 x Mic inputs (XLR)
2 x Line/instrument inputs (TRS)
2 x Fixed level line outputs (TRS)
2 x Variable level line outputs (TRS)
1 x SoundGrid RJ45 Ethernet port (PoE compatible)
1 x Quarter turn lock power connector
1 x Reset switch





A&E SPECIFICATION

The DiGiGrid D 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. The rear of the unit shall have 2 XLR Mic inputs. The top of the unit shall have physical controls for each mic input to control gain, phantom power, phase inversion, a switchable high pass filter and a mix button. Pressing the mix button shall send the mic input signal directly to the headphone output buss. The rear of the unit shall also have 2 line/instrument inputs (1/4" TRS). The top of the unit shall have physical controls for each line/instrument input to control gain, input impedance and a mix button. The rear shall have 4 line outputs. 2 of these shall have a fixed output level and the other 2 shall have a level control on the top of the unit, as well as a mute button. The level controls for the line outputs and the headphone outputs on the top of the unit shall have a Dim button and a Mono button. These buttons shall dim the level or make the output mono for both the line outputs and the headphone outputs.

The rear of the unit shall also 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.

Each of the 4 inputs, the stereo headphone output and the stereo variable level line outputs shall have segmented LED metering on the top of the unit.

The dimensions of the D shall be: 220.5 (w) x 160 (d) x 77 (h) mm
The weight of the D shall be: 1.7kg

AUDIO SPECIFICATIONS

Sample Rate: 44.1kHz / 48kHz / 88.2kHz / 96kHz
Mic Inputs
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
Line Inputs
Input Impedance: 1M/10K Ohms
Gain Range: +6 to +30dB
Frequency Response: -3dB <10Hz to 100kHz
Harmonic Distortion: 0.005%
Noise Min Gain: -82dBu
Noise Max Gain: -73dBu
Monitor Outputs
Maximum Output Level: +22dBu
Residual Output Noise: <92dBu
Output Impedance: 50 Ohms
Harmonic Distortion: 0.005%

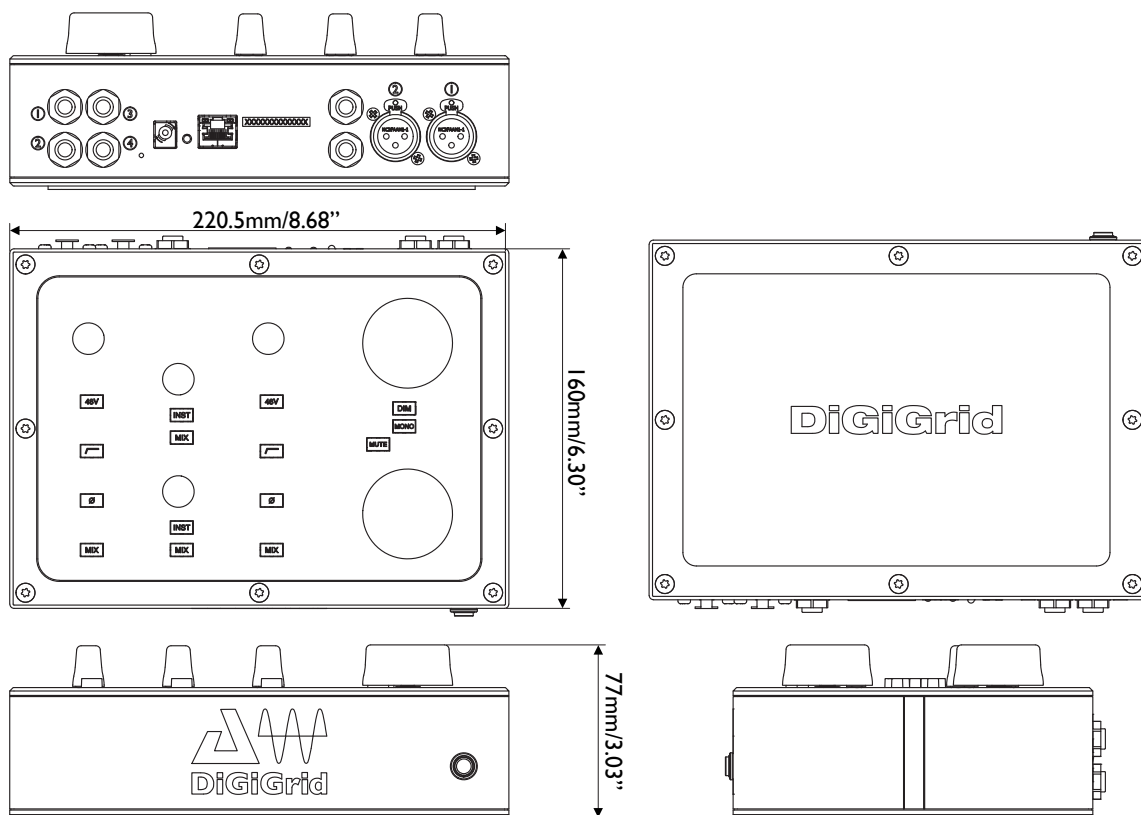
HEADPHONES

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: 220.5mm (w) x 160mm (d) x 77mm (h)

Weight: 1.7kg (2.5kg boxed)

Power Requirements: 12V, 1250mA DC

Product Code: X-DG-D

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DiGiGrid D Datasheet