

# Product Information

## DiGiGrid IOX



Featuring 12 mic/line inputs with premium preamps and 6 line outputs, DiGiGrid IOX delivers high-resolution recording and monitoring in the studio and the control room alike, with 4 headphone outputs allowing independent mixes for each musician.

With your IOX and a dedicated SoundGrid DSP server, you can run hundreds of SoundGrid-compatible Waves and third-party plugins, all fully integrated within your DAW of choice.

- 12 mic/line inputs with premium preamps
- Compliant with the SoundGrid Studio ASIO/Core Audio driver
- 6 line outputs, 4 headphone outputs
- Connects via a single Ethernet cable
- Quick-view front panel input metering
- High-definition AD/DA conversion



## Technical Data

- 1U rackmount
- Supported sample rates: 44.1, 48, 88.2, 96, 176.4\*, 192\* kHz
- 12 Channel Mic/Line inputs (on XLR/TRS combo)
- 6 Channel Line outputs (on TRS)
- Word Clock I/O
- Clock Sync via: Word Clock input, SoundGrid (SoE), Internal
- 2 SoundGrid ports (RJ45s)
- Reset switch
- 4 Headphone outputs with analogue level controls
- Settings for different broadcast level formats via jumpers on all analogue I/Os

\* Future Development. Currently support up to 96kHz.

### DiGiGrid Advanced Audio Interfaces

Unit 10 Silverglade Business Park, Surrey, KT9 2QL, +44 (0) 1372 845600 [info@digigrd.net](mailto:info@digigrd.net) [www.digigrd.net](http://www.digigrd.net)

# Product Information

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### Mic/Line inputs

Input Impedance

Mic: 2K5  $\Omega$

Line: 8K0  $\Omega$

Gain Range: Mic -20TO +60dB in 0.5dB steps  
Line -30 to +50dB in 0.5dB steps

Maximum Input Level: Mic: +26dBu  
Line: +36dBu

Noise EIN: >-126dB  
(150 Ohm source, Gain+60dB)

Harmonic Distortion: typically <0.01% @ unity gain,  
10dB input @ 1kHz

Frequency Response: +/-0.5dB 20Hz to 20kHz

Channel Separation: Better than 90dB  
(40Hz to 15kHz)

### Line Outputs

Maximum Output Level: +22dBu

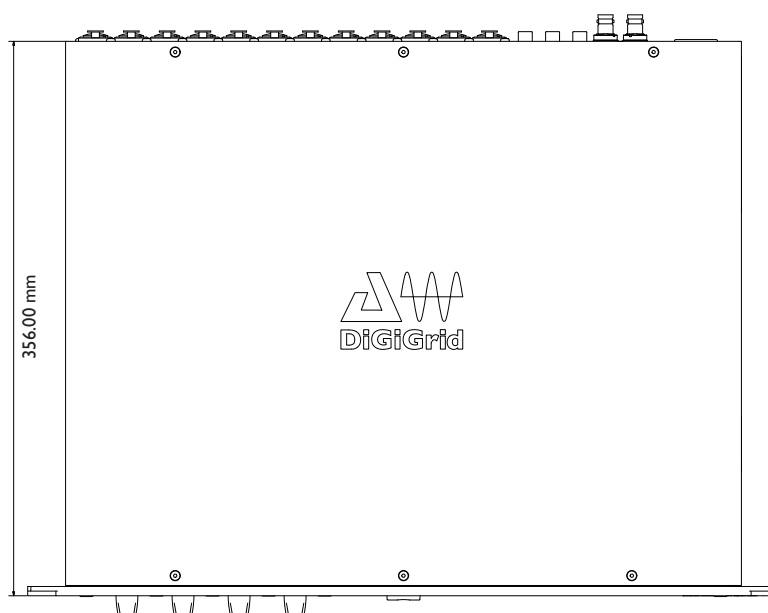
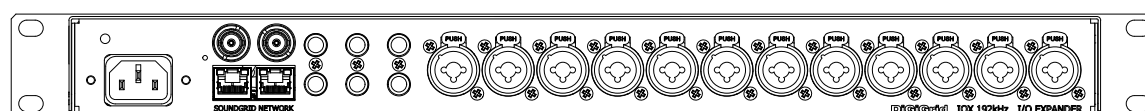
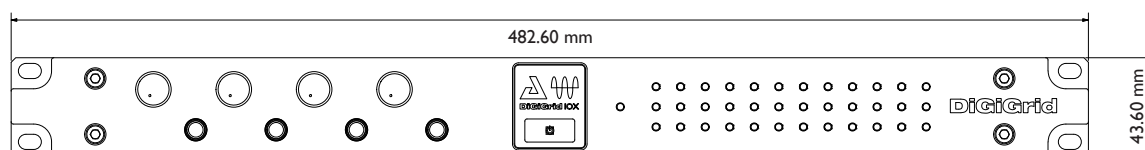
Residual Output Noise: <90dB (20Hz to 20kHz)

Frequency Response: +/-0.5dB 20Hz to 20kHz

Output Impedance: 50 Ohms

Channel Separation: Better than 90dB  
(40Hz to 15kHz)

Harmonic Distortion: Typically <0.01%  
@ +10dB Output @ 1kHz



Weight : Unit 4.5 kg. Boxed 6.5 Kg

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