

M2 Specifications

PRESETS

On-board storage for up to 80 presets.
New factory presets can be down-loaded from the Vorsis web site and installed via the Vorsis Control Software.

AUDIO INPUT

Microphone XLR-F connectors
Electronic differential, >2K_Ω (bridging)
Optimum source impedance: 200_Ω
Phantom Power: 48VDC, switchable on/off
Gain: -10dB to +70dB in 1dB steps
Frequency response: ±0.2dB 20Hz-20KHz
EIN: -128dBu
THD+N: <0.03%, 20Hz-20kHz, -50dBu input
SMPTE DIM: 0.00007%

DIGITAL AUDIO OUTPUTS

XLR-M connectors
Two RJ45s to StudioHub standard
Balanced 110_Ω AES-3
0VU = -20dBfs

ANALOG AUDIO OUTPUTS

XLR-M connectors
Electronic differential
<10_Ω source impedance
Optimum load impedance >600_Ω

FILTERS

Phase rotator: switchable in/out
High-pass: 24dB/octave Butterworth, Adjustable 20Hz-1kHz
Low-pass: 24dB/octave Butterworth, Adjustable 1-20kHz
Notch: Fixed bandwidth, adjustable frequency, adjustable 20Hz-20kHz

DOWNWARD EXPANDER

Threshold Adjustable -60 to 0dBfs
Depth Adjustable 0-40dB
Close 50ms-3s

DE-ESSER

Control: Recursive-style true
Threshold: Adjustable -10 to -60dBfs
Attack: Adjustable 0.1-100ms
Release: Adjustable 50ms-500ms
De-ess frequency: Adjustable 20Hz-20kHz
Bandwidth: Adjustable 0.15-4 octave

PARAMETRIC EQUALIZER

Routable: Pre or post compressor
Low and High Shelf plus two fully parametric sections
Boost/cut adjustable ± 14 dB
Bandwidth 0.2-3.0 octave

COMPRESSOR – M2

Control: Broadband, Two, or Three bands
Band 1-2 Crossover frequencies: 20Hz to 1.0kHz, adjustable
Band 2-3 Crossover frequencies: 1.0 to 20kHz, adjustable
Threshold: Adjustable -10 to -50dBfs
Attack: Adjustable 0.2ms-1s
Release: Adjustable 33ms-1s
Ratio: Adjustable 1:1-20:1

FINAL LIMITER

Control: Zero-overshoot peak limiter
Threshold: Adjustable -50 to -10dBfs
Attack: Adjustable 0-100ms
Release: Adjustable 10-330ms

LOGIC I/O

Remote control: RJ45 connectors for optional ANP-RJ Announcer Panel or custom
Interface: Cough, ON, OFF, on tally, off tally, power and ground

GPI: DB9F connector

Ports: Eight, optoisolated. Use for external switching of presets

REMOTE CONTROL

Ethernet: RJ45 connector, 100BASE-T

PHYSICAL DIMENSIONS:

19"/48.3cm wide
16"/40.64cm deep*
1-3/4"/4.5cm high
Shipping weight 15lb/6.8kg
Power Requirements
90-260VAC, 50-60Hz, 19VA

* Allow 3/8"/.9525cm on depth dimension for connectors

Specifications are subject to change without notice.