

SPECIFICATIONS

Analog

- Input Type: Balanced female XLR and ¼" TRS
- HiVolt Microphone Preamp: -128dBu E.I.N, -10 to -60 dBu nominal input level; 3K Ω input impedance
- Frequency Response to Main Output (at unity gain): +0.5 to -1.5 dBu 20Hz to 20kHz
- THD to Main Output (20-20 kHz, unity gain, unwt'd): 0.004%
- S / N Ratio to Main Output (Ref = +4 dB, 20 kHz BW, unity gain, A-wtd): -70 dBu
- System Crosstalk (Ref = +4 dBu, 20 Hz-20 kHz, unwt'd): Input to Output, -70 dBu; Adjacent Channels, -90 dBu
- Gain Control Range (\pm 1 dB): +10dB to +60dB (Mic), -10 to +40dB (Line)
- Main Outputs: Balanced male XLR and ¼" TRS
- Maximum Output Level: +26 dBu
- Output Impedance: 75 Ω
- Headphone Output: 100 mW / ch. @ 32 Ω load, 20 Hz-20 kHz (+0.5dB, -1.5dB)

Control

- Savable Settings: Channel Mutes, Effects & effects Mutes, Mute Groups, Break settings, Dynamics, Graphic EQ, Feedback assign to bus
- Recallable Presets: four Mute Groups, 10 Global Scene Memories, 24 FX Memories, 10 Dynamics, 6 GEQ, 16 or 24 Channel Mutes, 3 Feedback bus assignments

Signal Processing

- Mono Channels: HI (12k, shelving), MID (peak, sweepable from 250hz to 5k) and LO (100 Hz, shelving), \pm 15dB boost/cut;
- Stereo Channels: HI (12k shelving), HI MID (2.5k shelving), LO MID (250 hz shelving) and LO (100Hz shelving)
- High Pass Filter: 12dB/octave at 80Hz
- Digital Multi-band EQ: 31-bands with nine frequencies selectable at any one time, Wide 1-octave interval and Narrow ½-octave modes
- Digital Compressor: Hard – 1ms to 40 ms Attack, +11dB to 0dB Threshold; Soft – 1 ms to 40 ms Attack, +11 to -5dB Threshold
- Digital Limiter: 1ms to 40 ms Attack, +19 to +3dB Threshold
- Digital Noise Gate: Hard – 40ms to 1500ms Release, -35 to +7dB Threshold; Soft – 40ms to 1500ms Release, -50 to +4dB Threshold

- Digital Multiband EQ, Compressor, Limiter, and Noise Gate are assignable individually to Main L/R, Aux 1 and Aux 2
- Spectrum Analyzer: 24-channel with Peak Hold function

Digital

- Main L/R Bus ADC Dynamic Range: 115dB (A-wtd)
- Aux and FX Buses ADC Dynamic Range: 111dB (A-wtd)
- DAC Dynamic Range for all Out buses: 115dB (A-wtd)
- USB Stereo Input / Recording Port: USB Class 1
- Internal Processing: 32-bit for internal processing;
- A/D/A Bit Depth: Korg Tru-Bit-Perfect 32-bit
- USB Bit Depth: 24-bit
- Sampling rates: 48 kHz, 44.1 kHz
- Digital Effects: Rev Hall, Rev Hall Warm, Room, Warm Room, Rev Vocal, Rev Vocal Warm, Stage, Stage Warm, Plate Reverb, Plate Reverb Warm, Spring Reverb Warm, Analog Delay, Tape Echo, Variable Delay, Delay of the Korg SDD3000, Chorus, Flanger, Exciter, Sub Bass booster, 1 kHz Test Tone, Slow Sweep, Fast Sweep, White or Pink N

Physical

- Power Connector: IEC
- Input-Voltage Range: 100 to 240 VAC, 50/60 Hz
- Power Requirements (continuous): 45 W
- Recommended Ambient Operating Temperature: 0° to 40° to Celsius /32° to 104° Fahrenheit
- Dimensions (WxHxD): MW-2408: 18.9" x 7.36" x 20.89" / 480 mm x 187 mm x 530 mm (17.3" / 440 mm wide without side panels, 19" with rack rails); MW-1608: 15.6" x 7.36" x 20.89" / 396 mm x 187 mm x 530 mm (10.6" / 256 mm wide without side panels;)
- Weight: MW-2408: 20.5 lbs / 9.3kg; MW-1608: 17.6 lbs / 8.0kg