

# SoundLink

## MW-1608 & MW-2408

### 8-Bus Hybrid Analog/Digital Mixers

# KORG



- 24 x 8 x 2 or 16 x 8 x 2 models
- True hybrid design developed with mixer design legends Greg Mackie and Peter Watts
- HiVolt mic preamps, with more headroom (+16.5V internal voltage) than comparably-priced mixers
- Velvet Sound™ A/D & D/A converters with 0.004% THD,
- L/R Monitor, 1/4" and XLR main outs, eight 1/4" Group Outs, four XLR Aux Outs, two 1/4" Musician's Phones outputs linked to Aux 3 & 4, front panel Headphone output, stereo USB output
- Eight mono/four stereo individual output buses
- Unique Musician's Phones Monitor Section gives two musicians individual control of how much of "me" they hear
- Only mixer in its class with Mute Groups to quickly create and recall various input combinations
- Talkback to L/R or to Aux 1-4
- Mono channels have HI (12k), MID (250 Hz - 5k sweepable) and LO (100 Hz) EQ; Stereo channels feature HI, HI MID (2.5k), LO MID (250 Hz) and LO EQ
- Ingenious 9/31-band ParaGraphic EQ addresses nine bands out of a possible 31 works with built-in Spectrum Analyzer
- Peter Watts-designed digital Compressor, Limiter and Noise Gate, each with editable, recallable parameters
- Twenty of KORG's renowned 32-bit digital effects – 10 at once, save and recall user settings
- One-knob Compressor on all mic channels
- Best Automatic Feedback Control of any compact mixer
- USB stereo output/input Input for optional foot switch
- Super-useful touches such as all-XLR speaker outputs and enhanced Break Switch with 1/8" input
- Silky-smooth, long-life ALPS® faders and rotary controls
- MW-2408 fits in a 19" rack

*"I discovered that the all-digital interface simply would not let me make changes and corrections fast enough — too many menus and scrolling. On the other hand, I found the equalization, effects, dynamic processing, and presets of digital to be essential."*



SoundLink is Greg Mackie and Peter Watts' **hybrid** solution, superbly interpreted and executed by KORG.

It provides analog's almost instantaneous control for the emergencies that inevitably happen, but with the power of recallable, high-quality digital processing and effects where it counts.

SoundLink is easy for beginners to use yet has the features experience sound people can use.

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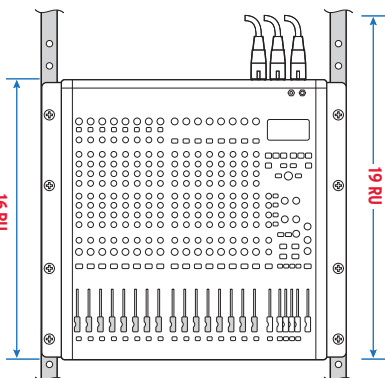
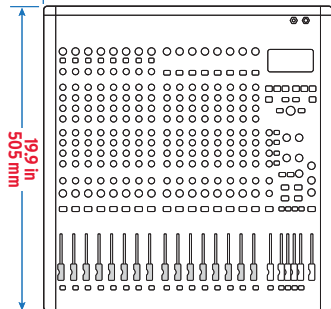
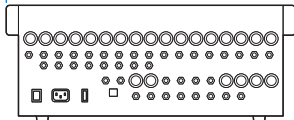
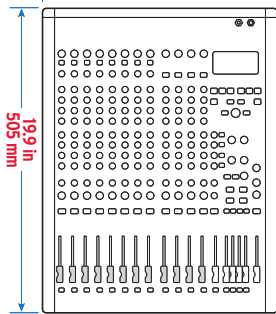
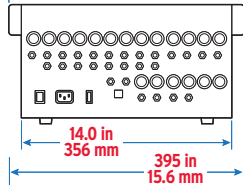
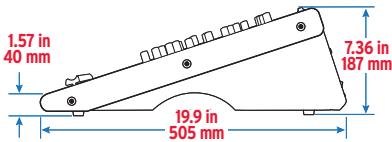
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## SoundLink MW-1608 • MW-2408 Specifications

Input Type	Balanced female XLR, ¼" TRS, USB
HiVolt Microphone Preamp	-128dBu E.I.N, -10 to -60 dBu nominal input level; 3KΩ input impedance, 16.5 V internal operating voltage
Frequency Response to Main Output (unity gain)	+0.5 to -1.5 dBu 20Hz to 20kHz
THD to Main Output <sup>1</sup>	0.004%
S / N Ratio to Main Output <sup>2</sup>	-70 dBu
System Crosstalk <sup>3</sup>	Input to Output, -70 dBu; Adjacent Channels, -90 dBu
Gain Control Range (± 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. @ 32Ω load, 20 Hz-20 kHz (+0.5dB, -1.5dB)
Savable Settings	Channel Mutes, Effects & effects Mutes, Mute Groups, Break settings, Dynamics, Graphic EQ, Feedback assign to bus
Recallable Presets	4 Mute Groups, 10 Global Scene Memories, 24 FX Memories, 10 Dynamics, 6 GEQ, 16 or 24 Channel Mutes, 3 Feedback bus assignments
Mono Channel EQ	HI (12k, shelving), MID (peak, sweepable from 250Hz to 5k) and LO (100 Hz, shelving), ±15dB boost/cut
Stereo Channel EQ	HI (12k shelving), HI MID (2.5k shelving), LO MID (250 Hz shelving) and LO (100Hz shelving) ±15dB boost/cut
High Pass Filter	18 dB/octave at 80Hz
Digital Multi-band EQ	31-bands with 9 frequencies selectable at any one time, Wide 1-octave interval and Narrow ½-octave modes
Digital Compressor	Hard: -1 ms to 40 ms Attack, +11dB to 0dB Threshold; Soft: -1 ms to 40 ms Attack, +11 dB to -5dB Threshold
Digital Limiter	1 ms to 40 ms Attack, +19 dB to +3dB Threshold
Digital Noise Gate	Hard - 40ms to 1500ms Release, -35dB to +7dB Threshold; Soft - 40ms to 1500ms Release, -50db to +4dB Threshold
Spectrum Analyzer	24-channel with Peak Hold function, assignable to main L/R, AUX 1 or AUX 2

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 Noise
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 (W x H x D)	<b>MW-2408:</b> 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); <b>MW-1608:</b> 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

1) 20-20 kHz, unity gain, unweighted • 2) Ref = +4 dB, 20 kHz BW, unity gain, A-weighted • 3) Ref = +4 dBu, 20 Hz-20 kHz, unwt'd ©2020 KORG Audio, All Rights Reserved. All specifications are subject to change.

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