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Yamaha EMX312SC Powered Mixer



All-in-one for Easy Operation and Fast Setup

The EMX-series powered mixers integrate mixer, power amplifier, graphic EQ, and digital effects into a compact, portable unit. No need for complex setup and wiring – simply plug in and play! The entire system is optimized, so it’s easy to get great sound just about anywhere.

Superior Sound through Painstaking Design and Parts Selection
Parts selection is crucial to achieving the best possible sound, and Yamaha spares no effort in selecting the best. The critical head amplifier circuit, for example, uses special low-noise chip resistors that are deposited on a thin film of nichrome for accurate, noise-free reproduction. Special care has also been taken in laying out the system's grounding as well as the circuitry in general to ensure that no unwanted noise or interference degrades the quality of the sound.

Intuitive, Functional Controls and Connectivity
The mixer section offers a total of 12 inputs in a very versatile configuration: channels 1 through 4 are mono microphone or line inputs, channels 5/6 and 7/8 can function either as mono microphone/line inputs or stereo line inputs, and channels 9/10 and 11/12 are stereo line inputs. Connectors are also provided for connection to external power amplifiers and effect processors. Stereo channels 9/10 and 11/12 include phono jacks for direct connection of CD players or other music playback devices, to which the 3-band channel equalizers can be applied as required. There are also two 7-band graphic equalizers that can be used to match speaker and/or room response for optimum sound.

Built-in SPX Effects
Yamaha's SPX effects are widely recognized as being some of the finest available for both recording and live sound. The EMX-series powered mixers feature an SPX effect processor built in, delivering extraordinary effect quality with 32-bit processing. 16 effect programs with adjustable parameters give you top-quality digital reverb, echo, delay, modulation, and distortion.

Maximum Output Power @ 0.5 % THD at 1 kHz	300 W/4 Ω; 190 W/8 Ω
Frequency Response	-3, 0, 1 dB 20 Hz-20 kHz, ref to the nominal output level @ 1 kHz

Total Harmonic Distortion	Less than 0.5 % (THD+N) +14 dB @ 20 Hz, 1 kHz, 20 kHz, GAIN control: all nominal
Hum & Noise	Equivalent Input Noise, -115 dBu, Rs = 150 Ω CH 1-4 MIC/LINE: MIC
Crosstalk	-65 dB @ 1 kHz
Input Connectors	CH 1-4: XLR and Phone; CH 5/6, 7/8: XLR and Phone; CH 9/10, 11/12: XLR and Pin
CH EQ	HIGH, MID, LOW
Phantom Power	15 V
Graphic Equalizer	7 Band (125, 250, 500, 1 k, 2 k, 4 k, 8 kHz): Main (Stereo) and Monitor
Digital Effects	SPX Digital Multi Effector (24 bit AD/DA, 32 bit Internal Processing): 16 Programs
Power Amp Mode	Main L/R, Main (L+R)/Monitor
Foot Switch	On/Off
Dimensions (W x D x H)	442 x 274 x 286 mm (17-3/8″ x 10-3/4″ x 11-1/4″)
Weight	10 kg (22 lbs.)
Power Requirements	120 V 60 Hz
Power Consumption	400 W

Yamaha EMX312SC Powered Mixer Manual

Price: ~~$629.00~~ Original price was: $629.00.$469.99Current price is: $469.99.

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Categories: Live Sound & Lighting, Powered Mixers

Product Short Description :

Experienced musicians, performers, speakers, and club operators know the importance of a high-quality sound system with the right features and performance to deliver their sound. Where portability and convenience are important criteria, a system based on a high-performance Yamaha EMX-series powered mixer is definitely the way to go. In one integrated, portable unit you have a mixer to combine and balance your microphone and instrument and line sources, effects to refine and polish your sound, and power to drive the main speakers and even monitor speakers as well. But that’s nowhere near the whole story – Yamaha EMX-series Powered Mixers offer a range of features that let you mix, process, and deliver your sound with maximum quality and creative control … and, of course, that unrivalled Yamaha sound.

Customer Service Is Our Top Priority!