MG12XU   12 Channel Audio Mixer with Built-in Effect(YAMAHA)

*F*eatures

> ➢ Up to 6 microphones / 12 line inputs (4 mono + 4 stereo)
> ➢ 2 group bus + 1 stereo bus
> ➢ 2 AUX (including FX)
> ➢ "D-PRE" speaker, with a reverse transistor circuit
> ➢ Single knob compressor
> ➢ Advanced effects: SPX, with 24 sets of preset effects
> ➢ 24-bit / 192kHz 2 in / out USB audio function
> ➢ Connect to the iPad (2 or higher) via the Apple iPad Camera Connection Kit / Lightning to USB Camera Adapter ♦ Includes Cubase Al DAW download software
> ➢ PAD switch on mono input channel
> ➢ + 48V phantom power supply
> ➢ XLR balanced output
> ➢ The world's internal internal power supply
> ➢ Optional cabinet mounting kit RK-MG12 is available for sale
> ➢ Metal body

*D*escription

MG series has intuitive, easy to use interface, including from 6 channels to 20 channels in a variety of models, suitable for a variety of users and usages. The firm structure and flexible design make the series create the highest performance, best sound quality and stability in applications such as installation, recording and live performance.

The newly released MG series of rich mixer product lines are suitable for a variety of mixing environments. This powerful product line includes a variety of channel configuration models and models with SPX effects and USB audio interface, which can be mobile or fixed for various applications such as live sound and recording, so as to meet the requirements from the monitor to meetings, live performances such as sound reinforcement and other needs of the application environment.

Specification

		MG20XU/MG20	MG16XU/MG16	MG12XU/MG12
Frequency response	Enter to STEREO OUT	+0.5dB/-1.5dB (20Hz to 48kHz),Reference rated output level @ 1kHz, GAIN knob: Min		
Total harmonic distortion	Enter to STEREO OUT	0.03 % @ +14dBu (20Hto20kHz),GAIN knob: minimum 0.005% @ + 24dBu (1kHz), GAIN knob: minimum		
Hum and noise*1 (20Hzto20kHz)	Same input noise	-128dBu(Mono input channel, Rs: 150Ω, GAIN knob: max)		
	Residual output noise	-102dBu(STEREO OUT, STEREO Main fader: minimum）		
Crosstalk（1kHz) *2		-78dB		
Input channel	Mono	12	8	4
	Mono/Stereo [MIC/LINE]	4	2	2
	Stereo [LINE]	0	2	2
Input channel	STEREO OUT	2		
	MONITOR	1		
	PHONES	1		
	AUX SEND	4	4	2
	GROUP OUT	4	4	2
Bus bar		stereo：1,Grouping：4,AUX:4(MG20XU: include FX>	stereo：1,Grouping：4, AUX:4(MG16XU:in	stereo：1,Grouping：2，AUX:2(MG12XU:include FX)
Input channel function	PAD (Mono)	26dB		
	HPF (Mono,	80Hz, 12dB / octave (Mono / Stereo: MIC only)		
	COMP (Mono)	Single-knob compressor (gain / threshold / ratio) threshold: +22 dBu to -8dBu, ratio: 1: 1 to 4: 1, output level: 0dB to 7dB attack time: about		
	EQ	HIGH: Gain: + 15dB / -15dB, Frequency: 10 kHz Slope		
		MID: Gain: + 15dB / -15dB, Frequency: Mono 250Hz - 5kHz peak Stereo 2.5 kHz peak		MID: gain: + 15dB / -15dB, frequency: 2.5kHz peak
		LOW :Gain: + 15dB / -15dB, frequency: 100Hz slope		
	PEAK LED	The LED lights up when the post EQ signal reaches 3dB below the frame		
Level meter	Before listening LEVEL	2x12 - dot pitch LED level meter [PEAK, +10, +6, +3, 0, -3, -6, -10, -15, -20, -25, -30dB]		
Built-in digital effects (XU model)	SPX algorithm	24 programming, PARAMETER controller: 1, FOOT SW: 1 (FX RTN CH on / off)		
USB audio (XU model)	2 IN /2 0UT	USB Audio 2.0 compatible Sampling rate: maximum 192kHz, Bit depth: 24-bit		
Phantom power supply voltage		+48V		
Power requirements		AC100-240V，50/60Hz		
Power consumption		36W	30W	22W

physical dimension（W x H x D）	444mm x 130mm x 500mm (17.5"x	444mm x 130mm x 500mm (17.5"x	308mm x 118mm x 422mm (9.6"x2.8"x11.6")
net weight	MG20XU:7.1kg (15.7 lbs.) MG20:6.9kg (15.2	MG16XU:6.8kg (15.0 lbs.) MG16:6.6kg (14.6	MG12XU:4.2kg (9.3 lbs.) MG12:4.0kg(8.8 lbs.)
Include attachments	Technical specifications, AC power cord, Cubase AI Download information (XU Models) Cabinet mounting kit (MG20XU, MG20, MG16XU, MG16)		
Optional accessories	Cabinet mounting kit: RK-MG12 (for MG12XU, MG12 use), pedal switch:		
Operating temperature	0 to +40°C		