

MG06X, MG06

Mixing Consoles



MG06X

MG06

- Max. 2 Mic / 6 Line Inputs (2 mono + 2 stereo)
- 1 Stereo Bus
- "D-PRE" mic preamps with an inverted Darlington circuit
- High-grade effects: SPX with 6 programs (MG06X)
- XLR balanced outputs
- PAD switch on mono inputs
- +48V phantom power
- Metal chassis

OPTION

BMS10A
Mic Stand Adaptor



GENERAL SPECIFICATIONS

		MG06XU	MG06
Frequency response	Input to STEREO OUT	+0.5 dB/-0.5 dB (20 Hz to 20 kHz) , refer to the nominal output level @ 1 kHz, GAIN knob: Min	
Total harmonic distortion*1	Input to STEREO OUT	0.01 % @ +8dBu (20 Hz to 20kHz), GAIN knob: Min 0.003 % @ +18dBu (1kHz), GAIN knob: Min	
Hum & noise level*2	Equivalent input noise	-128 dBu (Mono Input Channel, Rs: 150 Ω, GAIN knob: Max)	
	Residual output noise	-102 dBu (STEREO OUT, STEREO LEVEL knob: Min)	
Crosstalk (@1kHz)		-88dB	
Input channels		6 channels: Mono [MIC/LINE]: 2, Stereo [LINE]: 2	
Output channels		STEREO OUT: 2, PHONES: 1	
Bus		Stereo: 1	
Input channel function	PAD	26 dB	
	HPF	80 Hz, 12 dB/oct	
	EQ HIGH	Gain: +15 dB/-15 dB, Frequency: 10 kHz shelving	
	EQ LOW	Gain: +15 dB/-15 dB, Frequency: 100 Hz shelving	
	PEAK LED	LED turns on when post EQ signal reaches 3 dB below clipping (+11 dBu)	
Level meter	Post STEREO LEVEL Knob	2 x 7 -segment LED meter [PEAK(+11), +6, +3, 0, -3, -10, -20 dB]	
Internal digital effect	SPX algorithm	6 programs	
Phantom power		+48V	
Power supply adaptor		PA-130 (DC12 V/1.0 A, Cable length = 1.8 m), 120 V, 60 Hz, or MU18 (DC12 V/1.5 A, Cable length = 1.5 m), 100 V-240 V, 50 Hz/60 Hz, or an equivalent recommended by Yamaha	
Power consumption		12 W	
Dimensions (W x H x D)		149 x 62 x 202 mm (5.9" x 2.4" x 7.9")	
Weight		0.9kg (2.0 lbs.)	
Included accessory		AC power adaptor, Owner's Manual, Technical Specifications	
Optional accessory		BMS-10A	
Operating temperature		0 to +40°C	

*1 Total harmonic distortion is measured with a 18dB/Oct filter @80kHz.
*2 Hum & noise level is measured with a 6dB/oct filter @12.7kHz; equivalent to 20kHz filter with infinite dB/Oct attenuation.

ANALOG INPUT SPECIFICATIONS

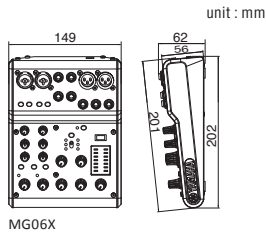
Input terminal	PAD	GAIN	Actual source impedance	For use with nominal	Input level			Connector
					Sensitivity*1	Nominal	Max. before clip	
MIC/LINE 1/L, 2/R	0	+64dB	3kΩ	50-600Ω Mics/Lines	-72 dBu (0.195 mV)	-60 dBu (0.775 mV)	-46 dBu (3.88 mV)	Combo jack*2 (Balanced)
		+20dB			-28 dBu (30.9 mV)	-16 dBu (123 mV)	-2 dBu (616 mV)	
		+38dB			-46 dBu (3.88 mV)	-34 dBu (15.5 mV)	-20 dBu (77.5 mV)	
LINE 3/4, 5/6		-6dB	10kΩ	600Ω Lines	-2 dBu (616 mV)	+10 dBu (2.45 V)	+24 dBu (12.3 V)	Phone jack*3 (Unbalanced)
					-22 dBu (61.6 mV)	-10 dBu (245 mV)	+4 dBu (1.23 V)	

ANALOG OUTPUT SPECIFICATIONS

Output terminal	Actual source impedance	For use with nominal	Output Level		Connector
			Nominal	Max. before clip	
ST OUT [L,R]	75Ω	10kΩ Lines	+4 dBu (1.23 V)	+18 dBu (6.16 V)	XLR3-32 type*4 Phone jack*5 (Balanced)
PHONES OUT	33Ω	40Ω Phones	2.4 mW + 2.4 mW	24 mW + 24 mW	ST Phone Jack

*1 Sensitivity is the lowest level that will produce an output of +4dBu (1.228V) or the nominal output level when the unit is set to maximum gain (all level knobs are maximum position).
*2 1&Sleeve = GND, 2&Tip = HOT, 3&Ring = COLD
*3 Tip = Signal, Sleeve = GND
*4 1 = GND, 2 = HOT, 3 = COLD
*5 Tip = HOT, Ring = COLD, Sleeve = GND

DIMENSIONS



BLOCK DIAGRAM

