

Application :

Concert Touring
Orchestra
Out Door P.A.
Sound Reinforcement



RM-12D



RM-120D

SPECIFICATIONS RM-12D, RM-120D

12 Channels Rack Mount Mixer With Digital Delay

Model. RM-12D

Model. RM-120D

Frequency Response	All output from Mic or Line	+0, -1dB, 20Hz to 20kHz	+0, -0.5dB, 20Hz to 20kHz
Hums & Noise	Equivalent input Noise (EIN)	-126dB	-126dB
RS="0" Ohm RM-12D	All output, Residual noise : All fader down	-94dB	-94dB
RS="150" Ohm RM-120D	All output, Residual noise : All fader down	-94dB	-94dB
Input Gain = "Max"	All output, Master fader at	-87dB	-87dB
	All output, Master & input fader at 0dB	-67dB	-67dB
CMRR	Mic input Gain "Max" 1kHz	80dB	80dB
Distortion	Mic input to PGM output, Gain "Max" (+4dB output)	<0.01% THD, <0.02% IMD (SPMTE)	<0.01% THD, <0.02% IMD (SPMTE)
Gaing	Mic input to PGM output, variable	20dB to 60dB: Nominal, 80dB: Max	20dB to 60dB: Nominal, 80dB: Max
	Line input to PGM output, variable	0dB to 40dB: Nominal, 60dB: Max	0dB to 40dB: Nominal, 60dB: Max
	Stereo input to PGM output, variable	0dB to 20dB: Nominal, 40dB: Max	0dB to 20dB: Nominal, 60dB: Max
	Echo-RETN input to PGM output, variable	14dB: Nominal, 24dB: Max	14dB: Nominal, 24dB: Max
Input Impedance	Mic input balanced, 1/4" Stereo phone jack RM-12D	4.7k Ohms approx	
	Mic input balanced, XLR jack RM-120D		2.2k Ohms approx
	Line input balanced, 1/4" Stereo phone jack		22k Ohms approx
	Echo-RETN input unbalanced, 1/4" Stereo phone jack	10k Ohms approx	10k Ohms approx
Digital Delay	Delay time adjust	10ms to 400ms	10ms to 400ms
	Frequency Responses	+0, -3dB 20Hz to 15kHz	+0, -3dB 50Hz to 12kHz
Output	Impedance, all output	100 Ohms approx	100 Ohms approx
	Max level, all output	+20dB	+22dB
Crosstalk	Channel Mic input to adjacent channel	-100dB at 1kHz, -98dB at 10kHz	-100dB at 1kHz, -98dB at 10kHz
	Pan attenuation, left to right PGM	-80dB at 1kHz, -76dB at 10kHz	-80dB at 1kHz, -76dB at 10kHz
Channel Equalizers	LF : Low frequency	+/-15dB @ 80Hz shelving	+/-15dB @ 80Hz shelving
	MF : Middle frequency	+/-12dB @ 2.5kHz peaking	+/-12dB @ 2.5kHz peaking
	HF : High frequency	+/-15dB @ 8kHz shelving	+/-15dB @ 12kHz shelving
Signal Indicators	Green Signal-LED on all channel	turn on at 0dB	turn on at 0dB
	Red PEAK-LED on all channel	turn on at 6dB below clipping	turn on at 6dB below clipping
	2 LED-VU meter on master outputs	set to read 0VU = +4dB	set to read 0VU = +4dB
Headphone Output	One stereo 1/4" stereo phone jack	250mW at 8Ohms, 0.015% THD	200mW at 8Ohms, 0.015% THD
Power Consumptions	220 VAC 50/60 Hz	22VA	24VA
Dimensions	Width x Height x Depth (MM)	482.6x221.5x75	482.6x354x72
Weight	kg/Lbs	4.5/9.9	6.7/14.74

Note : All Specification Subject to change without notice. 0dB corresponds to 0.775V referred to no load conditions.
HUM & NOISE measured with 22Hz-22kHz +0, -3dB (Audio Band)



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