TOA

MATRIX PRE AMPLIFIER

■ DESCRIPTION

The MM-700F matrix pre amplifier performs matrix controls from 4 LINE plus 2 MIC/LINE level inputs to 4 output channels. Each output channel features 64 DSP preset selections for general equalizations, crossover for sub-woofer, or variety of TOA speakers' EQ settings. 2 MIC/LINE inputs have 1st and 2nd priority levels which can override at assigned output channels automatically or manually. If connected with optional WP-700-AM wall remotes via CAT-5 cable, audio source selection and volume controls can be done remotely. Those all assignments and setups can be done by dip switches on its rear panel without a PC.

This unit fits a wide range of applications that require multi-zone paging and/or background music distribution at restaurants, pubs, retail stores, factories, etc.
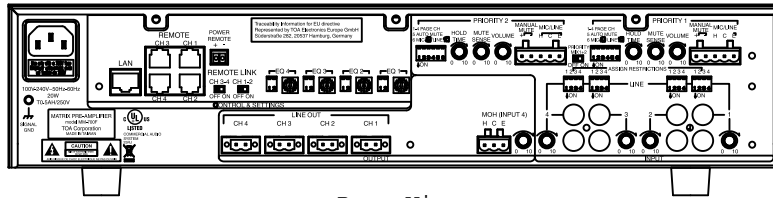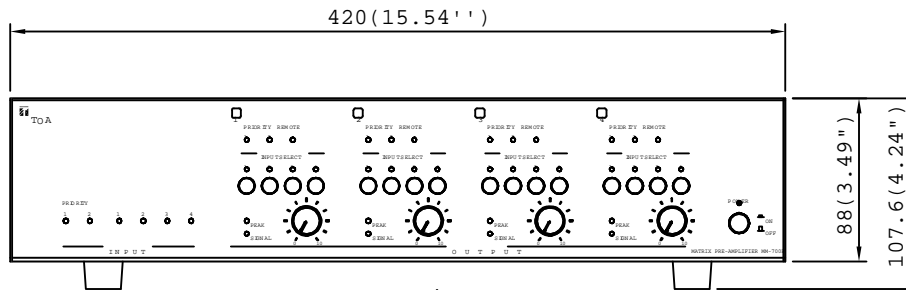
■ SPECIFICATIONS

(*0dB=1V)

Power Source	100-240V AC, 50/60Hz	
Power Consumption	9W (Idle), 1W or less (Standby)	
Frequency Response	20Hz-20 kHz (-3dB/+1dB)	
Total Harmonic Distortion	0.5% or less, at 1kHz, rated output	
Certification	cULus 60065, EN60065, EN55032, EN55020, FCC part15 class A	
Input	PRIORITY 1,2:	Mic -60dB*/Line -10dB* selectable, 2.2kΩ, electrically balanced, removable terminal block
	LINE IN 1,2,3,4:	-10dB*, 10kΩ, unbalanced, 2 RCA jacks (Stereo summing)
Output	LINE OUT 1,2,3,4:	0dB*, 600Ω, unbalanced, removable terminal block
	MOH:	0dB*, 600Ω, transformer balanced, removable terminal block
DSP Preset	16 presets in 4 banks at each output channl, selectable	
S/N Ratio	Mic: 60 dB* or more, Line: 75dB* or more (A-weighted)	
Muting	Manual mute / Automatic mute	
Mute Hold Time	50ms to 10 seconds, adjustable	
Priority Level	PRIORITY 1 > PRIORITY 2 > LINE 1,2,3,4	
Control	POWER:	ON/OFF switch, Power remote terminal
	PRIORITY 1,2:	MIC/LINE selector switch, Gain control, Assign switch, Auto mute switch, Mute sense control, Manual mute terminal, Mute hold time control, Priority mix switch
	LINE IN 1,2,3,4:	Gain control, Assign restriction switch
	OUTPUT 1,2,3,4:	LINE IN 1-4 selector switch, Output gain control, DSP bank selector switch, DSP preset selector switch
	REMOTE 1,2,3,4:	Remote control connector (RJ-45), Remote link switch
Indicator	POWER:	1 Power LED
	PRIORITY 1,2:	1 Signal LED, 1 Peak LED
	LINE IN 1,2,3,4:	1 Signal LED, 1 Peak LED
	OUTPUT 1,2,3,4:	2 Activated PRIORITY LED, 1 Connected REMOTE LED, 4 Selected LINE LED 1 Signal LED, 1 Peak LED
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Operating Humidity	35% to 80%RH (no condensation)	
Finish	Panel:Aluminum, hair line, black	
	Case:Steel plate, black, paint	

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MM-700F-AM
MM-700F-EB

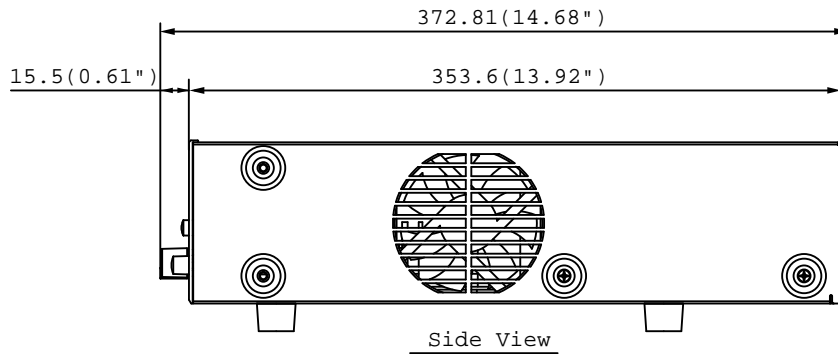| Dimension	420(W) X 107.6(H) X 350(D) mm (16.54" X 4.24" X 13.78")
Weight	5.7kg (12.3 lbs.)
Accessories	Power code (2m, 5.65ft.)...1, Removable terminal plug (5pins...2, 3pins...1, 2pins...4), Rack mounting bracket...2, Bracket mounting screw...4, User's manual...1
Option	Remote controller: WP-700-AM

■ **APPEARANCE**

Rear View

420(15.54'')

88(3.49")

107.6(4.24")

Front View

372.81(14.68")

15.5(0.61")

353.6(13.92")

Side View

Version	EB	AM
AC plug		

UNIT:mm SCALE:1/4

TOA Corporation