

### MATRIX AMPLIFIER

### **■ DESCRIPTION**

The MA-725F matrix amplifier performs matrix controls from 4 LINE plus 2 MIC/LINE level inputs to 4 output channels. Each output channel features 250W at 70V/100V class-D digital amplifier with 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-AS 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 laptop PC.

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

■ SPECIFICATIONS (\* 0dB = 1V)

Power Source	100 - 240V AC, 50/	60Hz		
1 01101 000100	1350 W (rated output), 200 W (based on cULus standards), 42.5 W (idle),			
Power Consumption		22 W or less (Stand-by)		
Frequency Response	20Hz - 20 kHz (-3dB / +1dB, LPF OFF)			
Total Harmonic Distortion	1% 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, 2.2k Ω, electrically		
		balanced, removable terminal block		
	LINE IN 1,2,3,4:	-10dB*, 10k Ω, unbalanced, 2 RCA jacks (Stereo summing)		
Output	SPEAKER 1,2,3,4:			
	LINE OUT 1,2,3,4:	0dB*, 600 Ω, unbalanced, RCA jack		
	MOH:	0dB*, 600 Ω, transformer balanced, removable terminal block		
DSP Preset		ks at each output channel, selectable		
S/N Ratio	Mic: 60 dB* or more, Line: 75dB* or more (A-weighted)			
Muting	Manual mute / Automatic mute			
Mute Hold Time	50ms - 10 seconds, adjustable			
Priority Level	PRIORITY 1 > PRIORITY 2 > LINE 1,2,3,4			
Control	POWER:	ON/OFF switch, Power remote terminal		
		MIC/LINE selector switch, Gain control, Assign switch,		
		Auto mute switch, Mute sense control,		
	PRIORITY 1,2:	Manual mute terminal, Mute hold time control,		
		Priority mix switch		
	LINE IN 1,2,3,4:	Gain control, Assign restriction switch		
	LINE IN 1,2,0,4.	LINE IN 1-4 selector switch, Output gain control,		
	OUTPUT 1,2,3,4:	70V/100V selector switch, HPF switch,		
		DSP bank selector switch, DSP preset selector switch		
	REMOTE 1,2,3,4:	Remote control connector (RJ-45), Remote link switch		
	POWER:	1 Power LED		
Indicator	PRIORITY 1,2:	1 Signal LED, 1 Peak LED		
	LINE IN 1,2,3,4:	1 Signal LED, 1 Peak LED		
	LINE IN 1,2,0,4.	2 Activated PRIORITY LED,		
	OUTPUT 1,2,3,4:	1 Connected REMOTE LED, 4 Selected LINE LED		
		1 Signal LED, 1 Peak LED, 1 Protect LED		
Operating Temperature	0 °C to 40 °C (32°F to 104°F)			
Operating Humidity	35% to 80%RH (no condensation)			
oporating mannanty	Panel: Aluminum, hair line, black			
Finish	Case: Steel plate, black, paint			
Dimension	420(W) X 107.6(H) X 350(D) mm (16.54" X 4.24" X 13.78")			
Weight	7.6kg (16.7 lbs.)			
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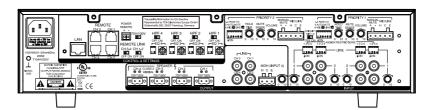
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MA-725F-AS

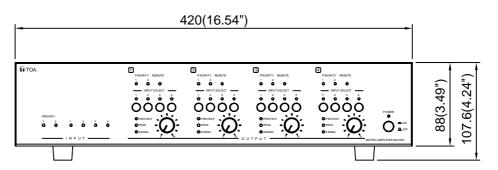
# ■ SPECIFICATIONS

Accessories	Power code (2m, 5.65ft.)···1, Removable terminal plug (5 pins···2, 3 pins···1, 2 pins···4),	
	Rack mounting bracket2, Bracket mounting screw4, User's manual1	
Option	Remote controller: WP-700-AS	

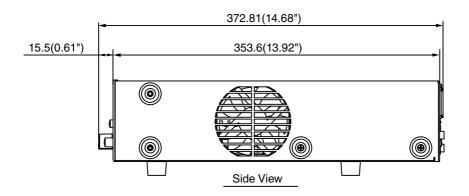
### ■ APPEARANCE

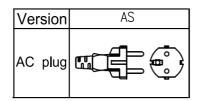


Rear View



Front View





UNIT:mm SCALE: 1/4