



# MA-725F

Multi-Channel Matrix System



**No stress with sound operation,  
more time for your customers.**

# MA-725F

## Multi-Channel Matrix System

The MA-725F matrix amplifier is an all-in-one solution for multi-channel or multi-zone applications combining a 6 x 4 audio matrix, DSP and 4ch Class-D amplifier into one chassis. It is equipped with 4 independent line inputs, and 2 MIC/LINE priority inputs. Each output has independent DSP preset adjustment with input source matrix selection. The MA-725F features high power (250W x 4 at 70V/100V) and various inputs capabilities. Its wide range of applications include general or emergency announcement and background music for restaurants, pubs, retail stores, schools, offices, etc.

### FEATURES

- 4 stereo-summing line inputs with matrix routing to 4 amplifier outputs.
- Each line input has input level adjustment and the possibility to assign restriction setting for each output to prevent routing selection.
- 2 priority MIC/LINE inputs with different priority level for paging or other pre-recorded source which can override the selected line input on assigned output channels.
- Each priority input also has input level, mute sensitivity and mute hold time adjustments.
- Each output channel also has auxiliary line output to deliver audio to other systems.
- Each output channel is equipped with 250 W Class-D amplifier at 70 V/100 V output voltage selectable with independent DSP preset selection and 50 Hz HPF for the protection of connected speakers.
- Selectable DSP preset selections include general EQs, like Loudness curves, TOA speaker EQs and crossover settings to be used with sub-woofers.
- Easy setup without software
- Optional wall mount remote control panel
- Class-D amplifier has various protection features against over current, high temperature and short circuit of speaker lines at each output channel.



### APPLICATION EXAMPLES



Restaurants / Pubs



Retail stores



Offices



Schools

### OPTIONS



#### WP-700 Remote Control Panel

- A remote control switch/volume panel designed to be used with the MA-725F amplifier
- Provides remote select input source and adjusts volume levels through an Ethernet cable
- It can be mounted in a 1-gang electrical box

### SPECIFICATIONS

		MA-725F
Power Source		100 – 240V AC, 50/60Hz
Power Consumption		1350W (rated output)
Frequency Response		20 Hz – 20 kHz (-3 dB / +1 dB, LPF OFF)
Total Harmonic Distortion		1 % or less, at 1 kHz, rated output
Input	Priority 1-2:	Mic -60 dBV/Line -10 dBV selectable, 2.2 kΩ, electronically-balanced, removable terminal block
	Line In 1-4:	-10 dBV, 10 kΩ, unbalanced, 2 RCA jacks (Stereo summing)
	Speaker 1-4:	70 V (20 Ω), 100 V (40 Ω), removable terminal block
	Line Out 1-4:	0 dBV, 600 Ω, unbalanced, RCA jack
Output	MOH:	0 dBV, 600 Ω, transformer balanced, removable terminal block
	DSP Preset	64 presets at each output channel, selectable
S/N Ratio		Mic: 60 dBV or more, Line: 75 dBV or more (A-weighted)
Muting		Manual mute / Automatic mute
Mute Hold Time		50 ms - 10 seconds, adjustable
Priority Level		PRIORITY 1 > PRIORITY 2 > LINE 1-4
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 1-4:	Gain control, Assign restriction switch
	Output 1-4:	LINE IN 1-4 selector switch, Output gain control, 70V/100V selector switch, HPF switch, DSP bank selector switch, DSP preset selector switch
Remote 1-4:	Remote control connector (RJ-45), Remote link switch	
Finish		Panel: Aluminum, hair line, black; Case: Steel plate, black, paint
Dimensions (W x H x D)		420 x 107.6 x 350 mm
Weight		7.6 kg
Accessories		Power cord (2 m) x1, Removable terminal plug (5 pins x 2, 3 pins x 1, 2 pins x 4); Rack mounting bracket x 2, Bracket mounting screws x 4, User manual x 1



**TOA Corporation UK Ltd**

[www.toa.co.uk](http://www.toa.co.uk)

Specifications are subject to change without notice.