



MA-725F / MM-700F

Multi-Channel Matrix Amplifier / Mixer



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

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Multi-Channel Matrix Amplifier/Mixer

The MA-725F matrix amplifier is an all-in-one solution for multi-channel or multi-zone applications combining a 6x4 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.

The MM-700F is a 6-input and 4-zone-output pre-amplifier with easy control of mixer functions and digital processing. Both music selection and volume control can easily controlled via remote control. Matrix and DSP settings are made simply without a computer – reducing time spent on installation and system tuning.

Both systems 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 (MA-725F) / 4 line outputs (MM-700F).
- > 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.
- > MA-725F: Each output channel is equipped with 250W Class-D amplifier at 70V/100V output voltage selectable with independent DSP preset selection and 50Hz 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 smart access via PC or mobile device
- > Optional wall mount remote control panel
- > MA-725F: Class-D amplifier has various protection features against over current, high temperature and short circuit of speaker lines at each output channel.

OPTIONS

Smart Access: Smart Control System

- Wireless remote control for input source selection and volume control from any computer or mobile device
- Accessible via standard web browsers, no app or software is required
- A password must be entered to activate the Smart Control System.

WP-700 Remote Control Panel

- A remote control switch/volume panel designed to be used with the MA-725F/MM-700F
- Provides remote select input source and adjusts volume levels through an Ethernet cable
- It can be mounted in a 1-gang electrical box

Paging with RM-9012C

- The paging function feature is able to broadcast the paging from RM-9012C to selected zones by zone keys of RM-9012C.
- Up to 2 RM-9012C are able to connect to MA-725F/MM-700F.

SYSTEM DIAGRAM MA-725F



APPLICATION EXAMPLES



Restaurants / Pubs



Retail stores



Offices



Schools

SPECIFICATIONS

	MA-725F	MM-700F
Power Source	100 – 240V AC, 50/60Hz	
Power Consumption	1350W (rated output)	9W (or less)
Frequency Response	20Hz – 20kHz (-3 dB / +1 dB, LPF OFF)	
Total Harmonic Distortion	1% or less, at 1kHz, rated output	
Input	Priority 1-2:	Mic -60 dB/Line -10 dBV selectable, 2.2kΩ, electronically-balanced, removable terminal block
	Line In 1-4:	-10 dBV, 10kΩ, unbalanced, 2 RCA jacks (Stereo summing)
	Speaker 1-4:	70V (20Ω), 100V (40Ω), removable terminal block
Output	Line Out 1-4:	0 dBV, 600Ω, unbalanced, RCA jack
	MOH:	0 dBV, 600Ω, 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	50ms - 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	7.6kg	5,7 kg
Accessories	Power cord (2m) 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	



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Specifications are subject to change without notice.

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