



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) |
| Output | Speaker 1-4: | 70V (20Ω), 100V (40Ω), removable terminal block |
| | 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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