MA-725F-AM 3CU

4 CHANNEL MIXER POWER AMPLIFIER

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 (250 W x 4 at 70 V/100 V) 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.
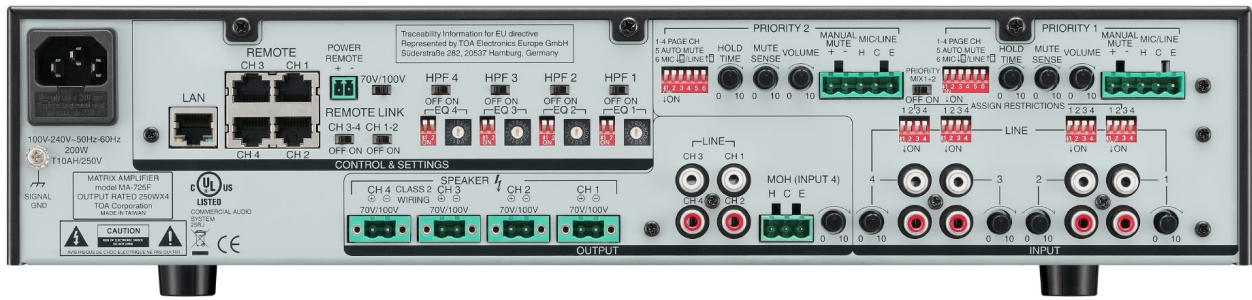
Key features

- 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
- Smart Control providing browser based wireless remote control
- Zone selection for paging with optional remote microphone RM–9012C
- 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.

Specifications

*0 dB = 1 V

Power Source	100 - 240V AC, 50/60Hz
Rated Output	250W x 4 channel: 70V line (20 Ω) / 100V line(40 Ω)
Power Consumption	1350 W (rated output)
Frequency Response	20Hz - 20 kHz (-3 dB / ±1 dB, LPF OFF)
Total Harmonic Distortion	1% or less, at 1kHz, rated output
Signal to Noise Ratio	Mic: 60 dB or more, Line: 75dB or more (A-weighted)
Input	Priority Input: PRIORITY 1-2: Mic -60dB/Line -10dB selectable, 2.2k Ω, electronically-balanced, removable terminal block; AUDIO input: LINE 1-4: -10dB, 10k Ω, unbalanced, 2 RCA jacks (Stereo summing)
Output	Speaker output: CH 1-4: 70V (20 Ω), 100V (40 Ω), removable terminal block; Line output: CH 1-4: 0dB*, 600 Ω, unbalanced, RCA jack; MOHoutput: 0dB*, 600 Ω, transformer balanced, removable terminal block
DSP Preset	16 presets in 4 banks at each output channel, selectable
Muting	Manual mute / Automatic mute
Mute Hold Time	50ms - 10 seconds, adjustable
Control	POWER: ON/OFF switch, Power remote terminal; PRIORITY 1-2: MIC/LINE selector switch, Gain Control, Assign 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: Remoted control connector (RJ45), Remote link switch
Priority	PRIORITY 1 > PRIORITY 2 >LINE 1-4
Operating Temperature	0°C - 40°C (32 - 104 °F)
Operating Humidity	35% to 80%RH (no condensation)
Finish	Panel: Aluminum, hairline, black; Case: Steel plate, black, paint
Dimensions	420(W) x 107.6(H) x 350(D) mm (16.54" x 4.24" x 13.78")
Weight	7.6kg (16.7 lbs)
Included Accessories	Power cord (2m) x 1, Removable connectors (5P x 2pcs, 2P x 4pcs); Rack mount bracket x 2pcs, Screws x 4pcs, User Manual x 1
Optional Accessories	Wall panel : WP-700

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Product rear image

A&E specifications

Matrix amplifier with 6 audio inputs and 4 power amplifiers, designed as a desktop device or for installation in 19 " cabinet rack. Each amplifier can be assigned to one of four sound sources and adjusted in volume. Smart Control for browser based wireless remote control . up to two optional remote microphone for paging with zone selection