MM-700F-AM 3CU

4 CHANNEL MIXER

The MM-700F matrix pre amplifier performs matrix controls from 4 LINE plus 2 MIC/LINE level inputs to 4 output channels. Each output channel features 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-AM 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 a PC.

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

Key features

- 4 stereo-summing line inputs with matrix routing to 4 amplifier outputs.
- Each line input has input level adjustment and 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.
- Selectable DSP preset selections include general EQ s, like Loudness curves,TOA speaker EQ s and crossover settings to be used with subwoofers.
- Each output channel also has auxiliary line output to deliver audio to other systems.
- This matrix doesn't need any PC programming or network connection for setup at site. (Maintenance purpose only)
- Optional wall mount remote control, WP-700 can be connected via CAT-5 straight LAN cable to control the line input selection and output volume of each output.

Specifications

*0 dB = 1 V

Power Source	100 - 240 V AC, 50/60 Hz
Rated Output	9 W (Idle), 1 W or less (Standby)
Frequency Response	20Hz-20 kHz (-3dB/+1dB)
Total Harmonic Distortion	0.5% or less, at 1kHz, rated output
Input	PRIORITY 1,2: Mic -60dB*/Line -10dB* selectable, 2.2kΩ,electrically balanced, removable terminal block LINE IN 1,2,3,4: -10dB*, 10kΩ, unbalanced, 2 RCA jacks (Stereo summing)
Output	LINE OUT 1,2,3,4: 0dB*, 600Ω, unbalanced, removable terminal block MOH: 0dB*, 600Ω, transformer balanced, removable terminal block
Signal to Noise Ratio	Mic: 60 dB* or more, Line: 75dB* or more (A-weighted)
DSP Preset	16 presets in 4 banks at each output channl, selectable
Muting	Manual mute / Automatic mute
Mute Hold Time	50ms to 10 seconds, adjustable
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 1,2,3,4: Gain control, Assign restriction switch OUTPUT 1,2,3,4: LINE IN 1-4 selector switch, Output gain control, DSP bank selector switch, DSP preset selector switch REMOTE 1,2,3,4: Remote control connector (RJ-45), Remote link switch
Indicator	POWER: 1 Power LED PRIORITY 1,2: 1 Signal LED, 1 Peak LED LINE IN 1,2,3,4: 1 Signal LED, 1 Peak LED OUTPUT 1,2,3,4: 2 Activated PRIORITY LED, 1 Connected REMOTE LED, 4 Selected LINE LED, 1 Signal LED, 1 Peak LED
Priority	PRIORITY 1 > PRIORITY 2 > LINE 1,2,3,4
Compliance/Certifications	cULus 60065, EN60065, EN55032, EN55020, FCC part15 class A
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	35% to 80%RH (no condensation)
Finish	Panel:Aluminum, hair line, 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	5.7kg (12.3 lbs.)
Included Accessories	Power code (2m, 5.65ft.) x 1, Removable terminal plug (5pins x 2, 3pins x 1, 2pins x 4), Rack mounting bracket x 2, Bracket mounting screw x 4, User's manual x 1
Optional Accessories	Remote controller: WP-700-AM

TOA

Product rear image