

# MM8804

## 8X4 DSP Matrix Controller

MATRIX SYSTEM

**NEW** Preliminary Information



**MM8804** is a new matrix mixer / controller designed to cater for installation such as place of worships ( mosques, churches etc ), club house, restaurants etc, in which the user needs flexibility to mix incoming sources and broadcast to different areas with different settings of audio characteristics.

Example, a mosque with various types of speakers ( column, horns ) with various locations within the building will need audio calibration for type of speakers, acoustic environment and the needs for delay.

- **8 in / 4 Out** Matrix controller
- Built in Digital Signal Processor ( **DSP** )
- Individual channel **volume, EQ, delay** controls
- **Web interface** for setup and controls by PC or Smartphone
- **Wifi and LAN** cable connectivity
- **24V DC** back up

### Technical Specifications

Operating voltage	220 - 240 V AC : 50/60 Hz, 24V DC back up
Power consumption ( 240V AC )	4.8W ; 20 mA
Current consumption ( 24V DC )	4.6W ; 190 mA
Configuration	8 in / 4 outputs
Input channels	8 mic / line balanced with flexible priority selection
Input connections	Mini Phoenix jack
Input impedance	10 k Ohm
Priority	Dry contact
Output channels	4 outputs : balanced line 1.25 V rms ( 0 DBU )
Output level / impedance	600 Ohm
Controls	Front panel / web interface
Control parameters	Tone, volume, delay, 31 band EQ
User interface	Web browser Google Chrome V90+ preferred
Connectivity	LAN cable, WIFI
THD + N at rated power	< 1 %
S/N ratio	>60 %
Frequency response	20 - 20 kHz •
Operating temperature / humidity	-10 to 60 C
Dimensions ( WxHxD )	482 x 44 x 180 mm
Weight	2.5 kg

Note:  
The specifications are preliminary data and subjected to change upon final release of the product.

### Packing Information

Carton size : 555 (L) x 295 (W) x 95 (H) mm  
Gross weight : 3.0 kg  
1 unit per carton

