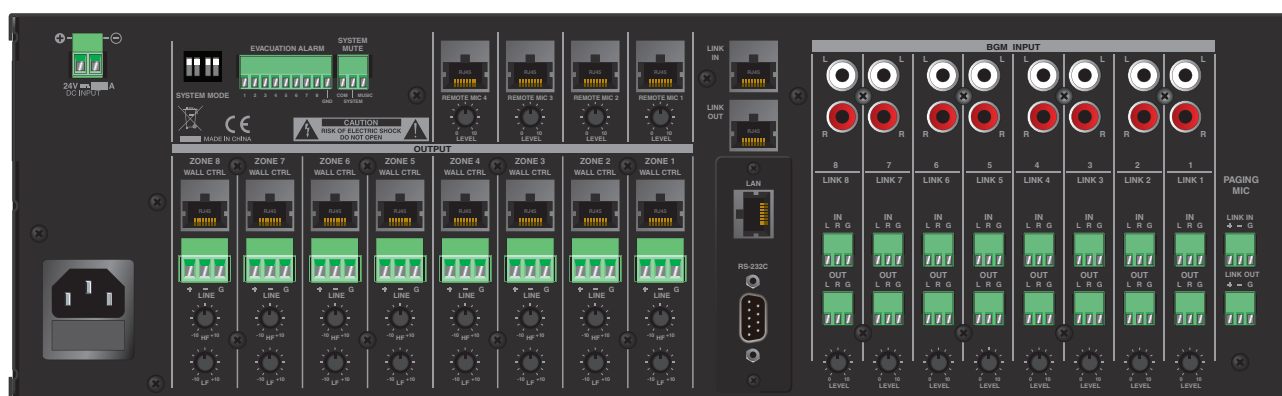


MTX88 Audio Matrix



Over view

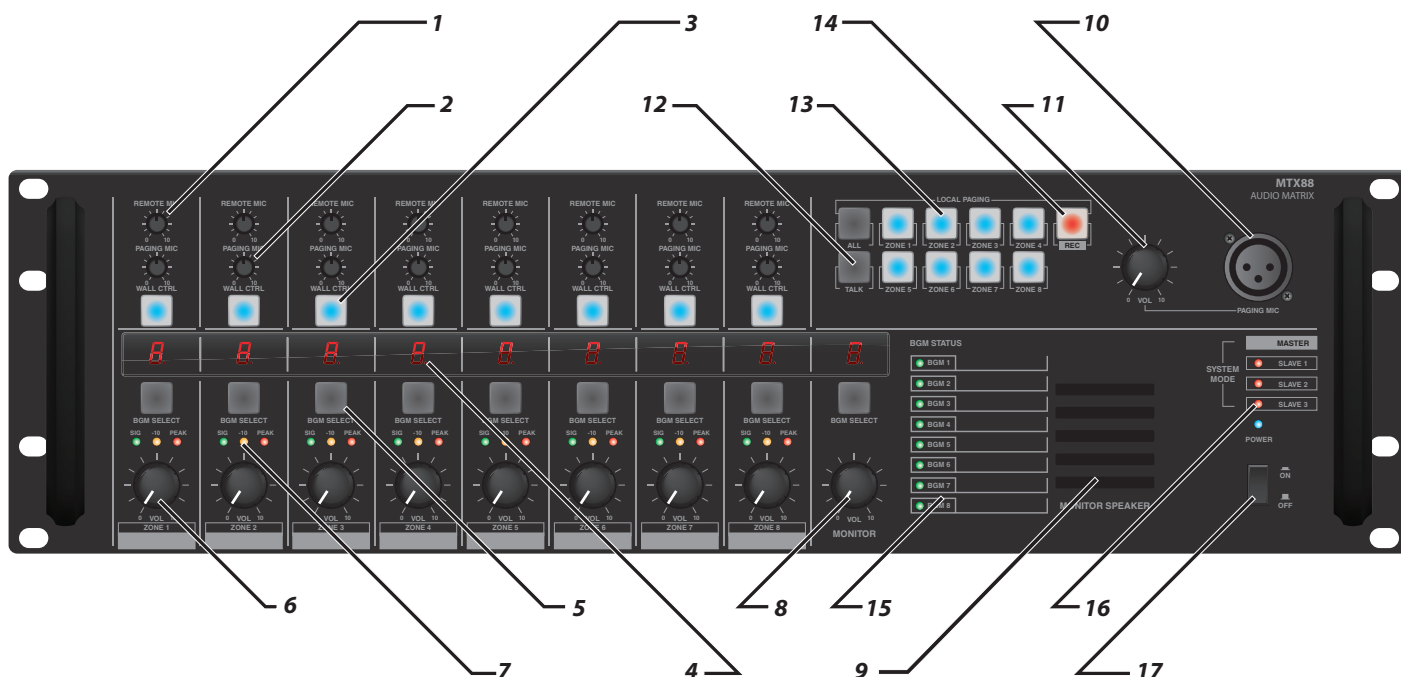
The MTX88 is versatile multi zone audio matrix. They are intended to form part of permanent sound system in pubs, bars, restaurants, hotels, offices, factories, terminals, stations, airports etc. where multiple audio sources are in use and need to be easily combined with announcements and/or paging one or more zones. They are compatible with MRM series paging microphone stations up 32 zones. Each of output zones is controlled volume level and music source by remote control panel MWP8/8A and contact closure allow playing user recordable message automatically.

A built in monitor speaker allow to hear 8 input music sources via RCA connectors. The MTX88 operate on AC100V~240V with PFC or DC24V and packaged in 5.25" height (3RU) rack mount enclosure.

Features

- 8 Music input and 8 outputs with full matrix
- 4 remote microphone stations with link in and out for extension
- A Paging microphone input with phantom
- DRP(Digital recording and playback) up to 60secs
- Output extension for using multiple MTX88 up to 4 units
- 8 contact clause for playing message automatically
- Priority: PAGING > DRP > MRM > MWP8A > BGM
- 8 BGM input indicators (-30dB)
- Easy installation with CAT-5 cable
- Balanced output and tone controls (100Hz/10kHz)

Front Panel Preview



1. REMOTE MIC STATION LEVEL CONTROL

This determines the level of the signal originating from the remote microphone station for each channel.

2. PAGING MIC LEVEL CONTROL

This adjusts the signal level originating from the paging microphone for each channel.

3. WALL MOUNT CONTROLLER (MWP8A) ENABLE BUTTON

This is a toggle switch to select whether the WALL Controller (MWP8A) connected to each output zone is enable/disable. If the button turns on, selection of BGM and adjustment of BGM output volume are done only by MWP8A.

4. BGM INPUT DISPLAY

Displays selected BGM source.

5. BGM INPUT SELECTION BUTTON

Button to select one out of 8 BGM sources.

6. BGM OUTPUT LEVEL CONTROL

A volume to adjust Main BGM broadcast to the relevant output.

The output volume of a Paging MIC and a remote MIC volume are not adjusted by this volume.

7. BGM OUTPUT LEVEL LED

8. MONITOR SPEAKER LEVEL CONTROL

A volume to adjust BGM volume output to the Monitor Speaker.

9. MONITOR SPEAKER

Built-in 1-Watt Power Amplifier and 8Ω Monitor Speaker to monitor input channel selected out of 8 BGM sources.

10. PAGING MIC INPUT

An input jack to connect a Paging MIC. It is recommended to use a balanced MIC.

Front Panel Preview

11. PAGING MIC LEVEL CONTROL

Adjusts volume and tone when broadcasting MIC and when recording built-in DRP IC.

12. TALK BUTTON

You can start broadcasting if selecting the desired area and pressing the TALK button when performing Paging MIC broadcasting. In this case, character "P" is displayed on the BGM input channel display window equivalent to the selected area. This is a toggle switch and thus you can terminate broadcasting if pressing it, and the selected zone is released.

13. PAGING ZONE SELECTION BUTTON

Button to select the desired output area when broadcasting using a paging MIC. Has a toggle function and the selected button turns on.

14. REC BUTTON

After a Page Zone has been selected, this button switches the signal from the paging microphone ON/OFF. The letter "P" will be displayed for each corresponding zone indicating that the zone is receiving a Paging signal.

When no zones are selected for paging this button is used for recording Emergency Announcements.

Depressing the button one time will cause the unit to enter RECORD READY mode. This mode is confirmed by displaying "-RECORD-" on the alphanumeric displays. Depressing and holding the button a second time will cause the unit to enter RECORD mode. This mode is confirmed by clockwise rotation of the first and last digits of the "-RECORD-" display. Depressing the button a third time will end the recording.

15. BGM INPUT LED AND BGM SOURCE LABEL

A LED of the input channel, where BGM signal comes from, turns on.

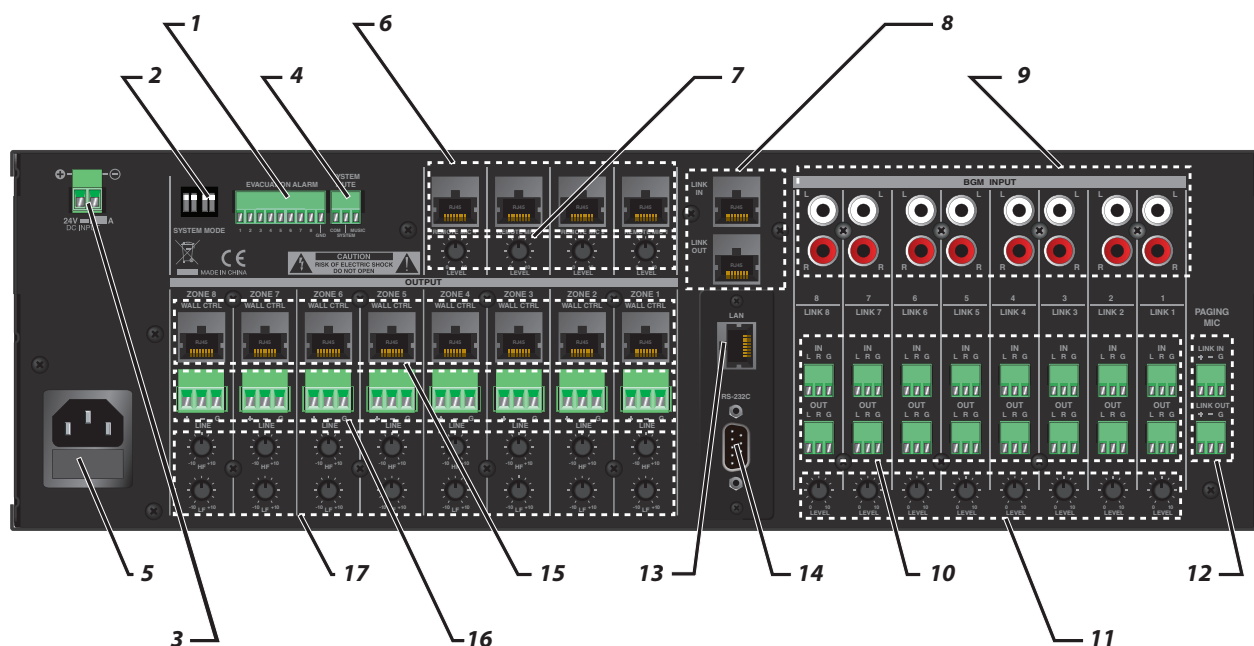
16. MASTER/SLAVE LED

Displays mode in link of MTX88. This turns on depending on the status of the rear System Mode switch.

17. POWER SWITCH

A switch to apply power supply to the system

Rear Panel Preview



1. EVACUATION ALARM CONTACT [BUILT-IN RECORDING IC AUTOMATIC PLAY]

This is a contact clouser terminal to emitting automatic emergency broadcasting for emergency in connection with the re detector. Broadcasting contents previously recorded in the built-in recording IC are automatically playbacked in link with the contact.

2. LINK MODE SWITCH [MASTER/SLAVE]

A switch to set the link mode for MTX88 link

Only the highest MTX88 for the system link is set to "MASTER" and all the remaining lower MTX88 are set to "SLAVE".

3. DC 24V TERMINAL

4. SYSTEM MUTE TERMINAL

5. AC power inlet.

6. MRM8,16,24,32 CONNECTION TERMINAL

MRM series zone paging microphone stations are available for use with MTX88. These MRM series allow to announcement up to 32 zones. Also pre-recording function is very convenient to announce without waiting even announce to busy zone.



7. REMOTE MIC LEVEL & TONE CONTROL

8. INTERFACE LINK IN / LINK OUT JACK

A terminal to input/output MAIN BGM, PAGING MIC and data for MTX88 link.

LINK IN: Connects to LINK OUT of the upper MTX88.

LINK OUT: Connects to LINK IN of the lower MTX88.

Rear Panel Preview

9. BGM SOURCE INPUT TERMINAL

An input terminal to input BGM Source.

10. BGM INPUT LINK IN/OUT TERMINAL

11. BGM INPUT LEVEL CONTROL

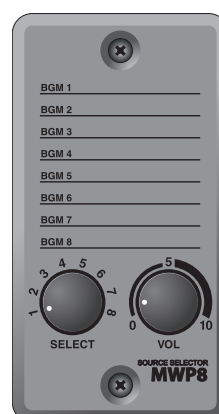
12. PAGING MIC LINK IN/OUT TERMINAL

13. Remote Control through LAN (Option)

14. Remote Control through RS-232C (Option)

15. MWP8A / MWP8 CONNECTION TERMINAL

The remote source/level control plates can be controlled music level and source selection (MWP8) remotely. Also have full VOX(voice triggered) can be reduced the music level by remote audio sources via MWP8A



16. ZONE INDIVIDUAL OUTPUT TERMINAL

An output terminal of Balanced Audio.

17. ZONE OUTPUT TONE CONTROL