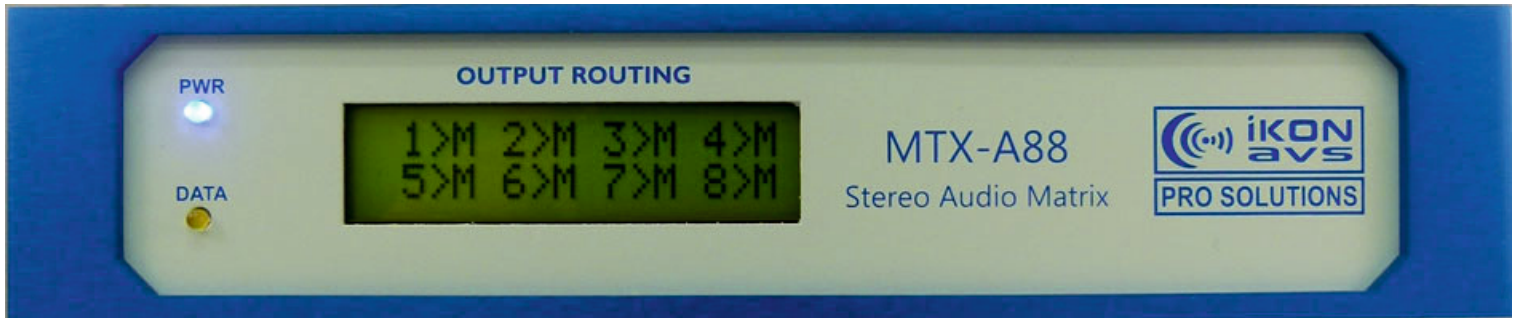# MTX-A88, Audio Matrix

Use as the heart of a distributed audio system, as the router for a multi-room system or as part of a complex boardroom system, the MTX-A88 offers an easily controlled and configured central stereo audio processor with individual remote source and level control of each output. It is also suited for multiroom audio and headphone distribution when used with the remote panels.
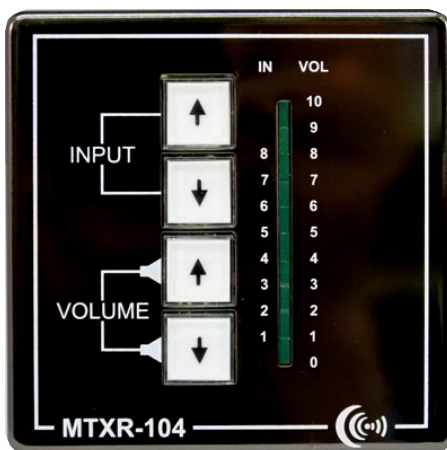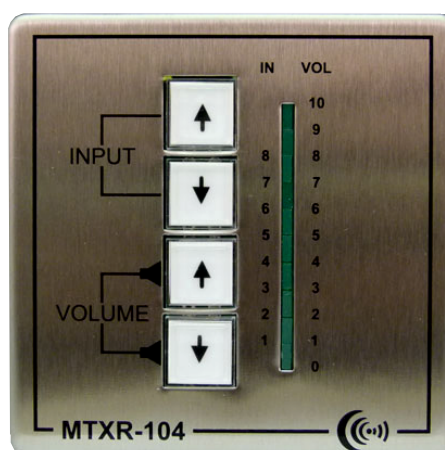


## Features

- Eight stereo inputs with programmable level.
- Eight balanced outputs with programmable level.
- Individual channel remote via a combination of dedicated panels, RS232, Ethernet or PodNet.
- Multiple presets for pre-set and conditional routing and level.
- Priority paging facility.
- Input and output expansion options.

## Remote Panels

A range of remote control panels are available that all connect via a single Cat5 cable. Panels offer the selection of source and output volume and support both central or local amplification.
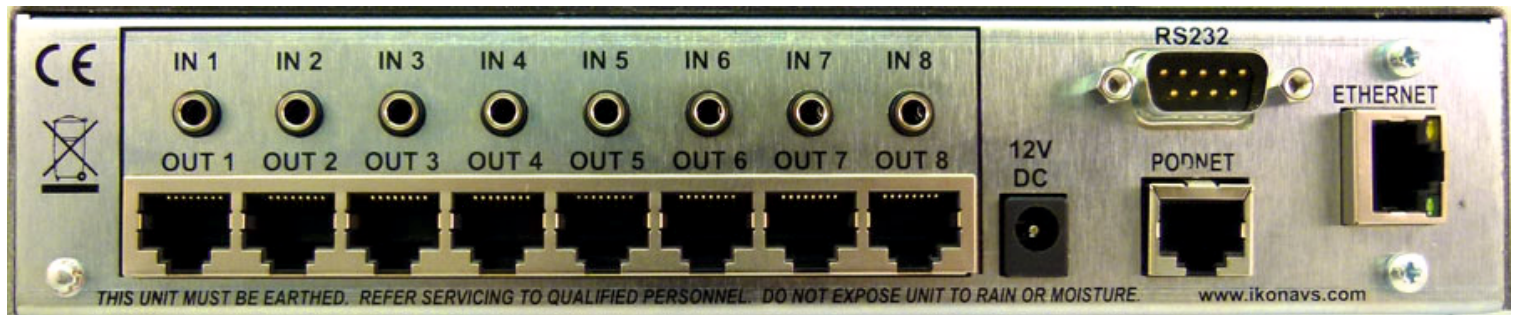


1G Black Nickle, Screwless



1G Brushed Steel, Screwless



Modular

Inputs are unbalanced via 3.5 mm stereo jacks; whilst all the outputs are balanced and share individual RJ45 sockets with control and DC power, allowing a single Cat5 cable between the MTX-A88 and its remote outlets and control panels.

The current output assignments are shown on the front panel LCD and the MTX-A88 also incorporates multiple selectable operating configurations, volume range settings and online level trimming expanding its abilities beyond simple audio switching.

The MTX-A88 can also be controlled via RS-232, PodNet or Ethernet, using the optional board, to allow remote selection of input sources and volume control from individual rooms or centrally from our push button and tablet based controllers

## Control

The MTX-A88 control software allows you to configure which panels control which outputs. You can also set the inputs that the panel is able to access as well as set minimum and maximum levels. These are stored against a Mode number with eight modes able to store different settings and panel assignments, making the A88 highly suited for room combining and priority override functions.

Preset Input and output levels can be adjusted in real time with these settings, along with control assignments saved for reload or off-line modification.

Whilst individual control is available for the dedicated control panel, all these functions, as well as mode select, can be carried out via Rs232, PodNet or Ethernet.

## MTX-IO

The MTX-IO is an input and output expander for use with the MTX-A88. It is designed to be mounted adjacent to the MTX-A88 utilising the rack mount kit with the cost of the rack mount kit included as part of the MTX-IO.

The MTX-IO provides 8 balanced stereo line inputs as alternatives to the 3.5mm jacks and 4 of these are matched with RJ45 connectors for ease of use with remote input panels. A separate paging microphone input is also provided. Inputs 1-4 have provision for an optional microphone card and all inputs have preset input level controls and front panel LED meters.

For outputs, in addition to the RJ45's on the main unit, eight stereo balanced outputs are provided with a link connector allowing the cascading of units for greater than eight outputs.