

Intercom/audio switching matrix

MTX-416

Programmable 4x16 switching matrix

Specifications

Powering: 90-264 VAC/ 50-60Hz/ 20 VA.

Connections: 20 x 3 pin *Phoenix™* connectors, IDC expansion, RJ45 control, USB (connection to PC);

Bandwith/crosstalk: DC-20KHz / > 80dB;

Dimensions/weight: 1 x 19" RU x 160mm/ 5Kg NET.



Designed to be used at medium to large installations, ALTAIR *MTX-416* is a programmable switching matrix that allows instant recall of up to 5 different presets. Each preset determines the assignment of the different intercom or audio channels onto the 16 available lines. This way, a beltpack or station connected to any of these 16 lines will be fed by the selected channel.

This matrix operates in vertical and exclusive mode, which means that an intercom device (or line of devices) connected to one of the 16 terminals, can be assigned exclusively to one of the 4 available intercom channels that feed the system.

The power for all the elements connected to the 16 lines is remotely provided by the 4 intercom channels connected to the matrix. Input and output "LINK" connectors are provided for easy "X" and "Y" expansion of the number of channels or lines.

The use of a *MTX-416* allows safe and instant reorganization of the full intercom network. Also, this device allows the administrator to easily modify the assignment of channels thanks to its highly intuitive interface.

ALTAIR *MTX-416* can also be used as a 4 in/16 out audio matrix, or as a 16 in/4 out matrix selector when used in reverse mode.

Key features

- 4 intercom channels to 16 lines.
- 5 instant recall presets.
- Easy operation and setup.

- "X" & "Y" (horizontal & vertical) expandability of the matrix.
- USB interface. Remote I/O controls.
- Compatible with any wired party line intercom system.
- Operation as 4x16 or 16x4 audio matrix.
- *Phoenix™* connectors.

Application example MTX-416

