



# TP9000

## Intercom User Panel Series



### New family of User Panels specially designed to simplify technical coordination

New series 9000 desktop (TP9416) and rack-mounted (TP9116) Intercom Panels, based on 4-way levers and full color displays. Designed for Conexia and CrossNET matrix systems with broadcast quality audio.

Audio is digitized and processed with 24 bits and at sampling frequency of 48 kHz. Full bandwidth with negligible distortion and noise levels.

The panels feature ports for Analog, Kroma legacy Digital and VoIP, as well as high-quality DANTE™, AES67 compatible connectivity. Digital audio processing: acoustic echo cancelling, automatic power and tone adjustment to each user's voice. Expander and ambient noise gate. Very elaborate acoustics design for optimal sound intelligibility and clearness.

TP9000 series has a wide range of talk and listen functions with the individual volume control for each point of communications through a lever-type 4-way key. 16 crosspoint levers, four pages. Information is presented on four RGB graphic displays.

With the EP9116 expansion panel, it is possible to build panels with up to 64 physical levers.



TP9116



TP9416



EP9116



## TP9000 Intercom User Panel Series

### DSP functions for perfect communication:

The integrated processor features:

- Acoustic echo canceller to prevent local feedback and possible return.
- 3-band parametric EQ, high-pass and low-pass filters to adjust brightness and choose the best compromise between quality of speech and intelligibility.
- Dynamics Adjustment:
  - Compressor, limiter, and expander, to allow a wide range of working distances and angles to the microphone.
  - Noise gate, to eliminate or minimize ambient noise in the room, soundproofing the user panel and creating the best listening conditions for communication.
- Incorporates internal TEST audio signal generators (tone 1KHz @ -20dBfs, pink noise @ -20dBfs).
- It has a replay function that allows you to play the last 16 seconds of audio from a "missed call".



1. Headset connector, 2. Microphone connector, 3. 4-direction lever-type keys for crosspoints and volume control, 4. 1.54" TFT color screens, 5. Dual-function key: page and menu, 6. Panel main gain control, 7. Integrated loudspeaker.

### CONFIGURATION AND CONTROL SOFTWARE

All AEQ Intercom systems use a **CrossMapper** software for the setup. This software provides a user-friendly graphical interface and also offers a powerful setup capabilities, allowing total access to the setup, care and control of the system.



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