

WPmMIX-T

ANALOGUE CONTROLS & PANELS

Wall Panel Micro-Mixer



PRODUCT OVERVIEW

WPmMIX-T is a 2 channel micro-mixer which keeps the standard wall-panel format of the WPm series. It allows to mix a stereo unbalanced signal (2 x RCA) with a microphone signal (XLR), getting a balanced mono output that can be sent to a preamplifier, amplifier, mixer, digital or analogue matrix, etc., thus saving inputs in the receiver device.

The MIC input includes a 2 band EQ (BASS, TREBLE) and it can use the talk-over function to override the line signal when the microphone exceeds the talk-over detection threshold.

KEY FEATURES

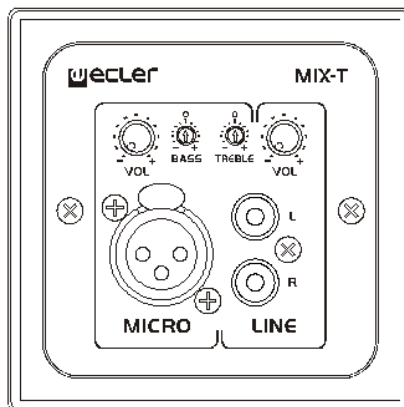
- Unbalanced stereo line input (2 x RCA)
- Balanced microphone input with BASS and TREBLE controls and selectable Phantom power
- Independent volume controls for LINE and MIC inputs
- Talk-over function available (MIC over LINE)
- External Power Supply Unit required (12 to 17 VDC). Suggested Ecler PSU unit: WP-PSU (a single WP-PSU unit can feed up to 20 WPmMIX-T units, depending on cable runs and sections)

APPLICATIONS

Remote control for installations including EclerNet devices:

- Direct control of MIMO88/SG, NXA, DUO-NET PLAYER, etc, point to point (direct CAT5 cable, no network involved)
- Network control of a full EclerNet installation, including several MIMO88, NXA, DUO-NET PLAYER, and/or other EclerNet devices
- BGM & Paging solutions, with message priorities and source/volume independent selection
- Integration in installation global control systems

MECHANICAL DIAGRAMS



TECHNICAL DATA

Inputs Sensitivity nom/Impedance	LINE	-10dBV/10k Ω
	MIC BAL	-40(-20)dBV*/>1k Ω
Outputs Level/Minimum Load	OUT BAL	0dBV/600 Ω (max. +17dBV)
Frequency Response	LINE	5Hz \pm 30kHz -1dB
	MIC BAL	10Hz \pm 40kHz -1dB
THD	LINE	<0.005%
	MIC BAL	<0.01%
CMRR	MIC	>55dB @ 1kHz
Signal Noise Ratio	LINE	>105dB
	MIC BAL	>90dB
Tone control	BASS	100Hz \pm 10dB
	TREBLE	10kHz \pm 10dB
Talk-over		-30dB/3s aprox.
Phantom voltage		+15VDC
Power		+15VDC (12-17VDC)
Power consumption		25mA typ.
Dimensions	PANEL	86x86mm
	DEPTH	32mm
Weight		125g

*internally selectable