

WPaMIX-T

ANALOGUE CONTROLS & PANELS

Wall Panel Micro-Mixer



PRODUCT OVERVIEW

WPaMIX-T is a 2 channel micro-mixer which keeps the standard wall-panel format of the WPa 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 WPaMIX-T units, depending on cable runs and sections)
- It can be combined with an eMCONTROL1 to work as a remote audio input for eMIMO1616 digital matrix

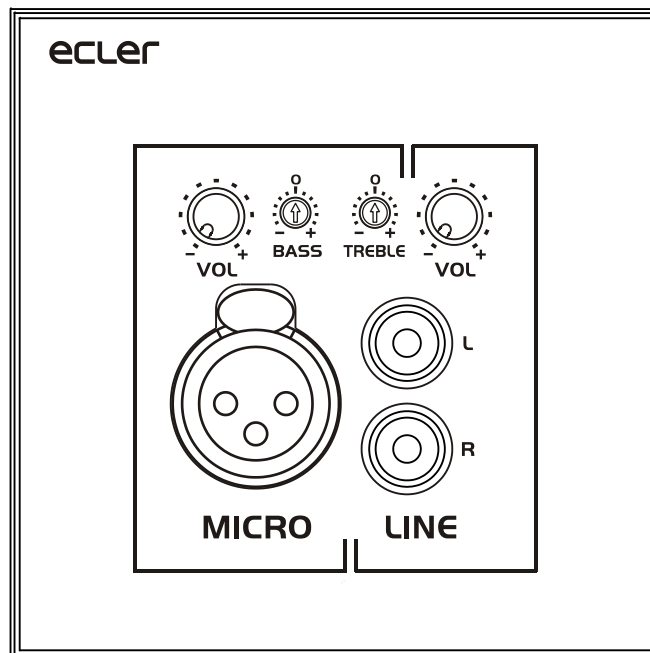
APPLICATIONS

- Remote audio input

ACCESSORIES AND COMPATIBLE PRODUCTS

- eMCONTROL1
- eMIMO1616
- WPa2FMBOX
- WPa2SMBOX
- Any Ecler device with balanced audio inputs

MECHANICAL DIAGRAMS



TECHNICAL DATA

Inputs Sensitivity nom/Impedance	LINE	-10dBV/10kΩ
	MIC BAL	-40(-20)dBV*/>1kΩ
Outputs Level/Minimum Load	OUT BAL	0dBV/600Ω (max. +17dBV)
Frequency Response	LINE	5Hz±30kHz -1dB
	MIC BAL	10Hz±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± 10dB
	TREBLE	10kHz± 10dB
Talk-over		-30dB/3s aprox.
Phantom voltage		+15VDC
Power		+15VDC (12-17VDC)
Power consumption		25mA typ.
Dimensions (WxHxD)		86x86X32mm
Weight		125g.

*internally selectable

All product characteristics are subject to variation due to production tolerances. NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.
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