

# WARM2

## DJ MIXERS

### Two-Channel Analogue Rotary Mixer



## PRODUCT OVERVIEW

WARM2 is a professional two-channel analogue rotary DJ mixer, designed and manufactured by ECLER in Barcelona. Featuring two phono/line channels and a micro/line channel, classic sharp filters, a 4<sup>th</sup> order Isolator and a narrow portable format, it will deliver a warm and crystal clear analogue sound. All circuits are strictly designed, mounted and tested at Ecler facilities in Barcelona, in order to offer the best professional grade in quality and reliability. With over 50 years of experience in analogue audio design and for the first time after 13 years, Ecler proudly presents our WARM2 rotary mixer.

## KEY FEATURES

- 2+1 Mixing channels
- 1 MICRO input
- 2 PHONO inputs
- 3 LINE inputs
- Master Output (HOUSE) on XLR and RCA connectors
- Booth Output on RCA connectors
- 6.3mm Jack and 3.5mm mini-jack Headphone Monitor Outputs
- 3 band full cut EQ for main channels and 2 band full cut EQ for MICRO/LINE channel
- 3 bands isolator (300Hz and 4KHz,  $\infty$  / +12dB, 4th order 24dB/oct )
- Maximum Output without distortion: 21dBV (23dBu)
- Mechanized from a solid block of aluminum knob, without visible screw. Ecler Unique design
- Alps Blue Velvet Potentiometers
- FX Send control and Pre/Post fader selector
- Screen-printed faceplate by selective anodizing
- Wooden side panels included

## APPLICATIONS

- Night Clubs
- DJ's studios
- Itinerant DJ performances

TECHNICAL SPECIFICATIONS

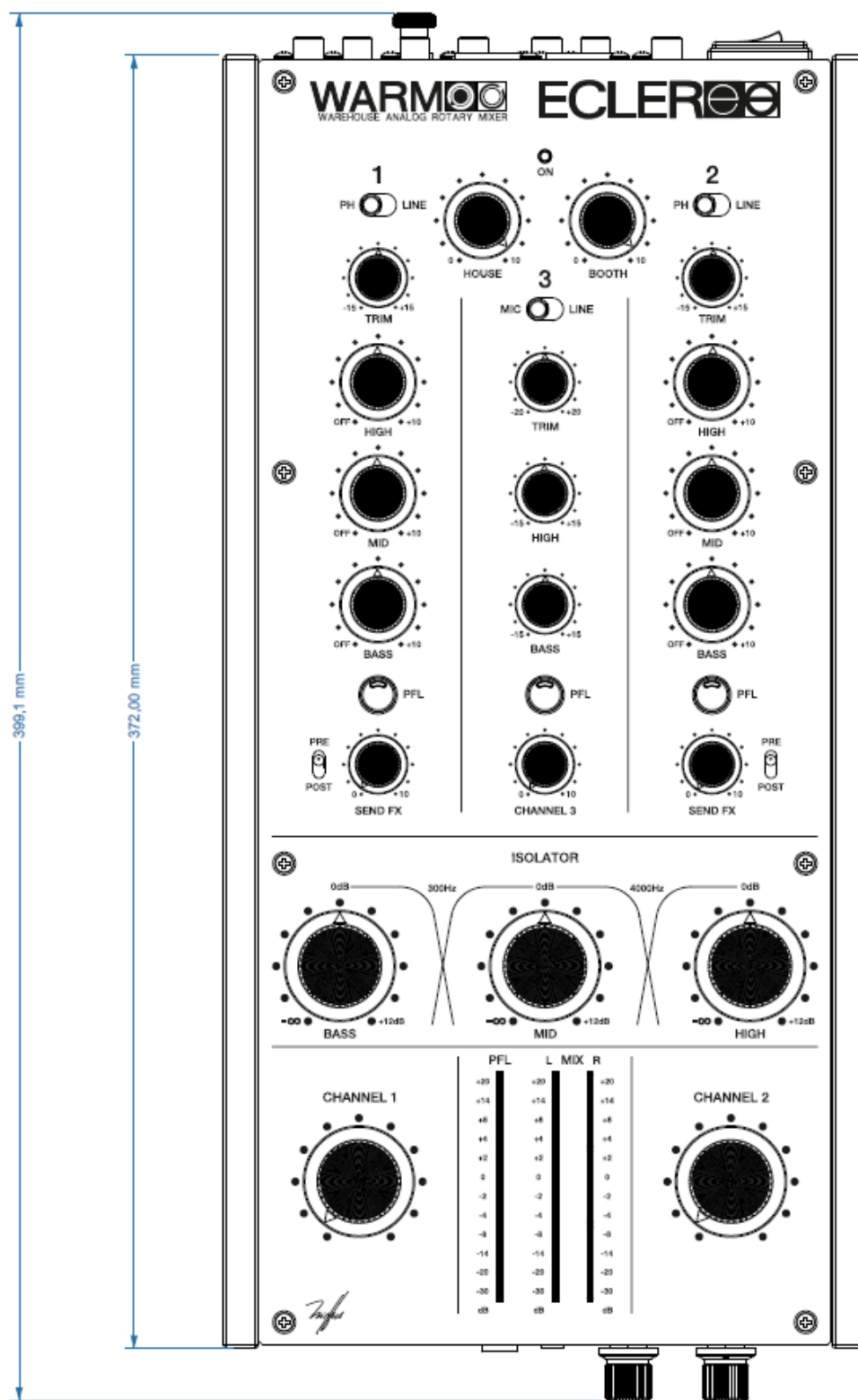
WARM2

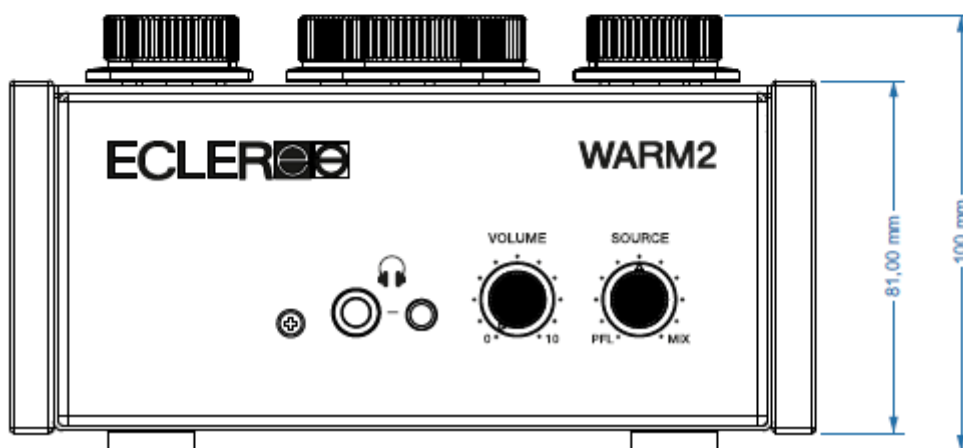
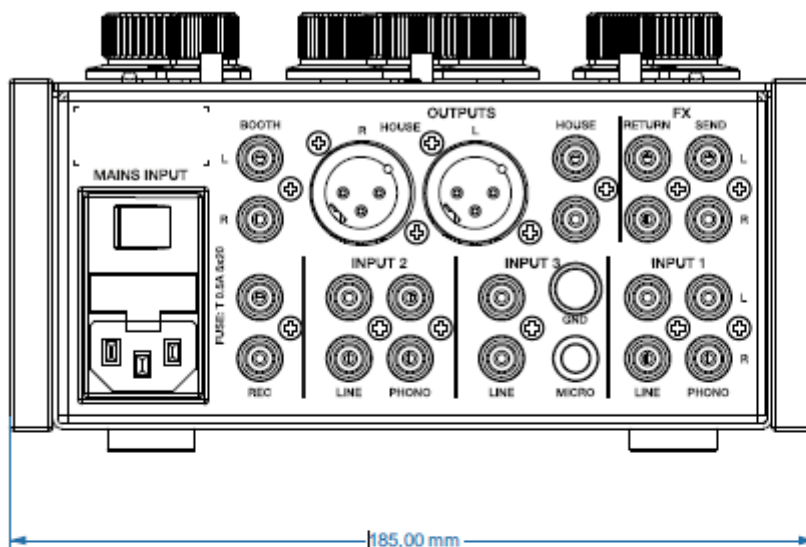
Audio Performances

Inputs Sensitivity nom/Impedance	LINE	0dBV/50kΩ
	PHONO	-40dBV/50kΩ
	MICRO	-50dBV/>1kΩ
	FX RETURN	0dBV/>6kΩ
Outputs Level/Minimum Load	HOUSE (BAL)	0dBV/600Ω 1V *(+12dB 4V)
	HOUSE (UNBAL)	0dBV/2.2kΩ 1V *(+12dB 4V)
	BOOTH (UNBAL)	0dBV/2.2kΩ 1V *(+12dB 4V)
	REC	0dBV/10kΩ
	HEADPHONES	200mΩ/200Ω THD 1%
	FX SEND	0dBV/2.2kΩ
Frequency Response	LINE	10Hz÷30kHz -1dB
	MICRO	10Hz÷25kHz -1dB
	PHONO	RIAA ±0.5dB
	FX RETURN	10Hz÷50kHz -1dB
THD+N	LINE	<0.006%
	MICRO	<0.9%
	PHONO	<0.08%
	FX RETURN	<0.005%
CMMR	MICRO	>70dB @ 1kHz
	LINE	>99dB
Signal Noise Ratio	MICRO	>85dB
	PHONO	>98dB
	FX RETURN	>100dB
	LINE	>99dB
Max Undistorted Output Level	HOUSE (Electr.BAL)	21dBV (23dBu)
	HOUSE (UNBAL)	21dBV (23dBu)
	BOOTH (UNBAL)	21dBV (23dBu)
Trim control	INPUTS 1-2	± 15dB
	INPUT 3	± 20dB
Tone control Inputs 1-2	BASS	+10/-30dB
	MID	+10/-25dB
	TREBLE	+10/-30dB
Tone control Input 3	BASS	± 15dB

	TREBLE	± 15dB
Tone control Isolator	BASS MID TREBLE	+12/-70dB +12/-40dB +12/-70dB
Tone Filter cut frequency at -6dB (slope 12dB/oct)	BASS MID TREBLE	200Hz 200Hz÷6.8kHz 6.8kHz
Isolator cut frequency at -6dB (slope 24dB/oct)	BASS MID TREBLE	300Hz 300Hz÷4kHz 4kHz
Inputs		
Connectors	LINE 1-2-3 PHONO 1-2 MICRO 3 FX RETURN	RCA STEREO RCA STEREO 6.3mm TRS BAL. JACK RCA STEREO
Outputs		
Connectors	HOUSE (BAL) HOUSE (UNBAL) BOOTH FX SEND REC HEADPHONES	XLR STEREO RCA STEREO RCA STEREO RCA STEREO RCA STEREO 6.3mm/3.5mm STEREO JACK
Miscellaneous		
Control Mode	Rotary with Alps Blue Velvet Potentiometers	
Phantom Voltage	18VDC/5mA Max (Default ON)	
MIX and PFL VU-Meter	LED 12 segments (-30dBV ÷ +20dBV)	
Operation		
Operation Temperature	-5°C - 45°C / 23°F - 113°F	
Humidity	20 - 90% RH (no condensation)	
Supply		
Mains voltage	90-264VAC 47-63Hz	
Rated power consumption	30VA	
Mechanical		
Dimensions (without wooden sides)	400 x 185 x 100mm / 15.7" x 7.2" x 3.9"	
Weight	3.6Kg / 7.94 lbs	

MECHANICAL DIAGRAM





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

For technical requests address to your supplier, distributor or fill the contact form in our website, at Support / Technical Request.

Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 | [information@ecler.com](mailto:information@ecler.com) | [www.ecler.com](http://www.ecler.com)