

# WARM4

## DJ MIXERS

### Four Channel Analogue Rotary Mixer



## PRODUCT OVERVIEW

**WARM4** is a professional four channel analogue rotary DJ mixer, designed and manufactured by ECLER in Barcelona. Featuring 4 phono/line channels, 2 MIC inputs, classic sharp filters and a 4th order Isolator. WARM4 includes an unique feature, an Analogue Subharmonic Synthesizer selectable per channel, specially designed to generate and reinforce ultra-low frequencies.

## KEY FEATURES

- 4 Mixing channels.
- 4 PHONO inputs.
- 4 LINE inputs.
- 2 MICRO inputs.
- Master Output on XLR and RCA connectors.
- Booth Output on XLR and RCA connectors.
- Headphone Monitor Output on 6.3mm Jack and 3.5mm mini-jack.
- 3 band isolator full cut EQ.
- 3 band isolator (300Hz and 4KHz,  $-\infty/+12$ dB, 4th order 24dB/oct).
- Analogue Subharmonic Synthesizer for sub-bass frequency reinforcement selectable per channel.
- Maximum Output without distortions: 21dBV (23dBu).
- FX Send control and Pre/Post fader selector per channel.
- FX Return control and PFL.
- Alps metal shaft high quality potentiometers.
- Mechanized from a solid block of aluminium knob, without visible screw. Ecler Unique design.
- Wooden side panels included.

## APPLICATIONS

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

## CERTIFICATIONS

- FCC

**TECHNICAL SPECIFICATIONS**

**WARM4**

**AUDIO PERFORMANCES**

Inputs		
Number of Inputs	LINE	4 Stereo Unbalanced Inputs
	PHONO	4 Stereo Unbalanced Inputs
	MICRO	2 Mono Balanced Inputs
	FX RETURN	1 Stereo Unbalanced Input
Connectors type	LINE 1-2-3-4	RCA STEREO
	PHONO 1-2-3-4	RCA STEREO
	MICRO 3	XLR3-F
	MICRO 4	Combo XLR3F-6.3mm TRS BAL
	FX RETURN	RCA STEREO
Inputs Sensitivity nom/Impedance	LINE	0dBV/50kΩ
	PHONO	-40dBV/50kΩ
	MICRO	-50dBV/>1kΩ
	FX RETURN	0dBV/>6kΩ

**Performances**

Frequency Response	LINE	10Hz÷30kHz -1dB
	MICRO	10Hz÷25kHz -1dB
	PHONO	RIAA ±0.5dB
	FX RETURN	10Hz÷50kHz -1dB
THD+N	LINE	<0.004%
	MICRO	<0.7%
	PHONO	<0.06%
	FX RETURN	<0.001%
CMMR	MICRO	>75dB @ 1kHz
Signal Noise Ratio	LINE	>105dB
	MICRO	>90dB
	PHONO	>100dB
	FX RETURN	>110dB
Trim control Tone control Inputs 1-2-3-4	INPUTS 1-2-3-4	± 15dB
	BASS	+10/-30dB
	MID	+10/-25dB
	TREBLE	+10/-30dB
Tone control Isolator	BASS	+12/-70dB
	MID	+12/-40dB
	TREBLE	+12/-70dB
Tone Filter cut frequency at -6dB (slope 12dB/oct)	BASS	200Hz
	MID	200Hz÷6.8kHz
	TREBLE	6.8kHz

Isolator cut frequency at -6dB (slope 24dB/oct)	BASS MID TREBLE	300Hz 300Hz÷4kHz 4kHz
Analogue Subharmonic Synthesizer	Input selective filter Harmonics synthesis Max Output level	50÷120Hz 25÷60Hz +12dBV

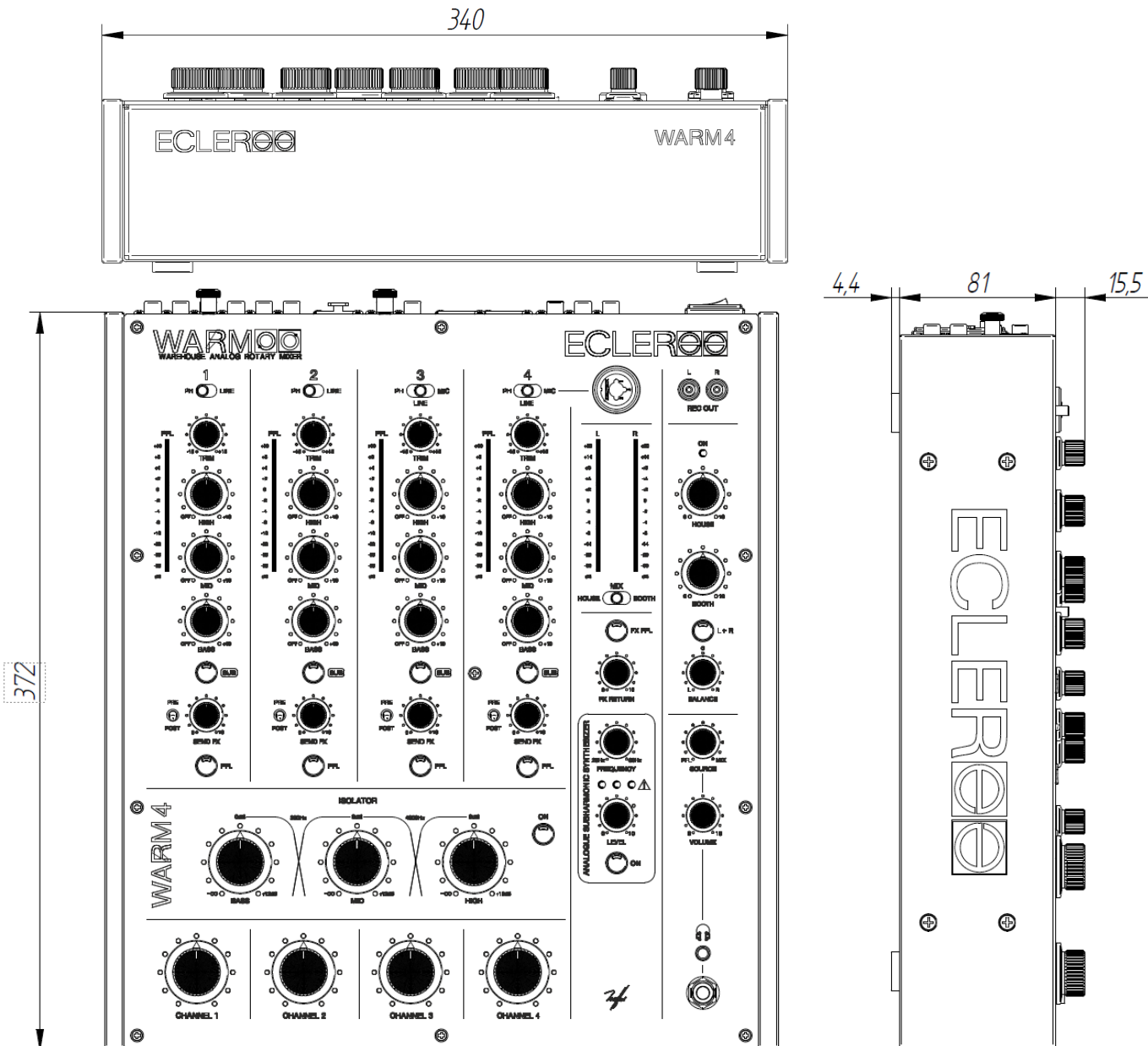
<b>Outputs</b>		
Number of Outputs	HOUSE	1 Stereo Balanced Outputs 1 Stereo Unbalanced Outputs
	BOOTH	1 Stereo Balanced Outputs 1 Stereo Unbalanced Outputs
	HEADPHONE	2 Stereo Unbalanced Outputs
	FX SEND	1 Stereo Unbalanced
	REC	1 Stereo Unbalanced
Connectors Type	HOUSE	XLR3-M STEREO RCA STEREO
	BOOTH	XLR3-M STEREO RCA STEREO
	HEADPHONE	Jack Stereo 6.3mm Jack Stereo 3.5mm
	FX SEND	RCA STEREO
	REC	RCA STEREO
Outputs Level/Minimum Load	HOUSE (BAL)	0dBV/600Ω 1V *(+12dB 4V)
	HOUSE (UNBAL)	0dBV/2.2kΩ 1V *(+12dB 4V)
	BOOTH (BAL)	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
Max Undistorted Output Level	HOUSE (Electr.BAL)	21dBV (23dBu)
	BOOTH (Electr.BAL)	21dBV (23dBu)
	HOUSE (UNBAL)	21dBV (23dBu)
	BOOTH (UNBAL)	21dBV (23dBu)

<b>MISCELLANEOUS</b>		
Control Mode	Rotary with Alps Blue Velvet Potentiometers and Alps RK09L potentiometers	
Phantom Voltage	18VDC/5mA Max (Default ON)	
Input VU-Meter	LED 12 segments (-38dBV ÷ +10dBV)	
House-Mix-Booth VU-Meter	LED 12 segments (-30dBV ÷ +20dBV)	
Subharmonic Output VU-Meter	LED 3 Segments (-20dBV / 0dBV / +4dBV)	

<b>ELECTRICAL</b>	
Power Supply	Internal
AC Mains Voltage	90-264VAC 47-63Hz
AC Main Connector	15A IEC inlet connector
Rated power consumption	39 VA
<b>PHYSICAL</b>	
Operating Temperature	Min: -5°C; 23°F / Max: 45°C; 113°F
Operating Humidity	20 - 90% RH (no condensation)
Storage Temperature	Min: -10°C; 14°F / Max: 50°C; 122°F
Storage Humidity	<90% RH (no condensation)
Installation Options	Desktop or Rack mount with optional accessories
Included Accessories	IEC Cable EU
Dimensions (WxHxD)	340 x 81 x 372 mm / 13.39 x 3.19 x 14.65 in
Weight	5.32 Kg / 11.73 lb
Shipping Dimensions (WxHxD)	495 x 175 x 435 mm / 19.49 x 6.89 x 17.13 in
Shipping Weight	6.74 Kg / 14.86 lb

**MECHANICAL DIAGRAM**

All measurements are in mm.





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.

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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