

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 distortion: 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 aluminum knob, without visible screw. Ecler Unique design.
- Wooden side panels included.

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

WARM4

AUDIO PERFORMANCES

Inputs		
Number of Inputs	LINE	4 Stereo Unbalanced Inputs
	PHONO	4 Stereo Unbalanced Inputs
Connectors type	MICRO	2 Mono Balanced Inputs
	FX RETURN	1 Stereo Unbalanced Input
Inputs Sensitivity nom/Impedance	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
Performances	FX RETURN	RCA STEREO
	LINE	0dBV/50k Ω
	PHONO	-40dBV/50k Ω
	MICRO	-50dBV/>1k Ω
Frequency Response	FX RETURN	0dBV/>6k Ω
	LINE	10Hz÷30kHz -1dB
	MICRO	10Hz÷25kHz -1dB
	PHONO	RIAA \pm 0.5dB
THD+N	FX RETURN	10Hz÷50kHz -1dB
	LINE	<0.004%
	MICRO	<0.7%
	PHONO	<0.06%
CMMR	FX RETURN	<0.001%
	MICRO	>75dB @ 1kHz
Signal Noise Ratio	LINE	>105dB
	MICRO	>90dB
	PHONO	>100dB
	FX RETURN	>110dB
Trim control	INPUTS 1-2-3-4	\pm 15dB
	BASS	+10/-30dB
Tone control Inputs 1-2-3-4	MID	+10/-25dB
	TREBLE	+10/-30dB
	BASS	+12/-70dB
Tone control Isolator	MID	+12/-40dB
	TREBLE	+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÷4kHz 4kHz
Analogue Subharmonic Synthesizer	Input selective filter Harmonics synthesis Max Output level	50÷120Hz 25÷60Hz +12dBV
Outputs		
Number of Outputs	HOUSE BOOTH HEADPHONE FX SEND REC	1 Stereo Balanced Outputs 1 Stereo Unbalanced Outputs 1 Stereo Balanced Outputs 1 Stereo Unbalanced Outputs 2 Stereo Unbalanced Outputs 1 Stereo Unbalanced 1 Stereo Unbalanced
Connectors Type	HOUSE BOOTH HEADPHONE FX SEND REC	XLR3-M STEREO RCA STEREO XLR3-M STEREO RCA STEREO Jack Stereo 6.3mm Jack Stereo 3.5mm RCA STEREO RCA STEREO
Outputs Level/Minimum Load	HOUSE (BAL) HOUSE (UNBAL) BOOTH (BAL) BOOTH (UNBAL) REC HEADPHONES FX SEND	0dBV/600Ω 1V *(+12dB 4V) 0dBV/2.2kΩ 1V *(+12dB 4V) 0dBV/2.2kΩ 1V *(+12dB 4V) 0dBV/2.2kΩ 1V *(+12dB 4V) 0dBV/10kΩ 200mΩ/200Ω THD 1% 0dBV/2.2kΩ
Max Undistorted Output Level	HOUSE (Electr.BAL) BOOTH (Electr.BAL) HOUSE (UNBAL) BOOTH (UNBAL)	21dBV (23dBu) 21dBV (23dBu) 21dBV (23dBu) 21dBV (23dBu)

MISCELLANEOUS

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)

ELECTRICAL

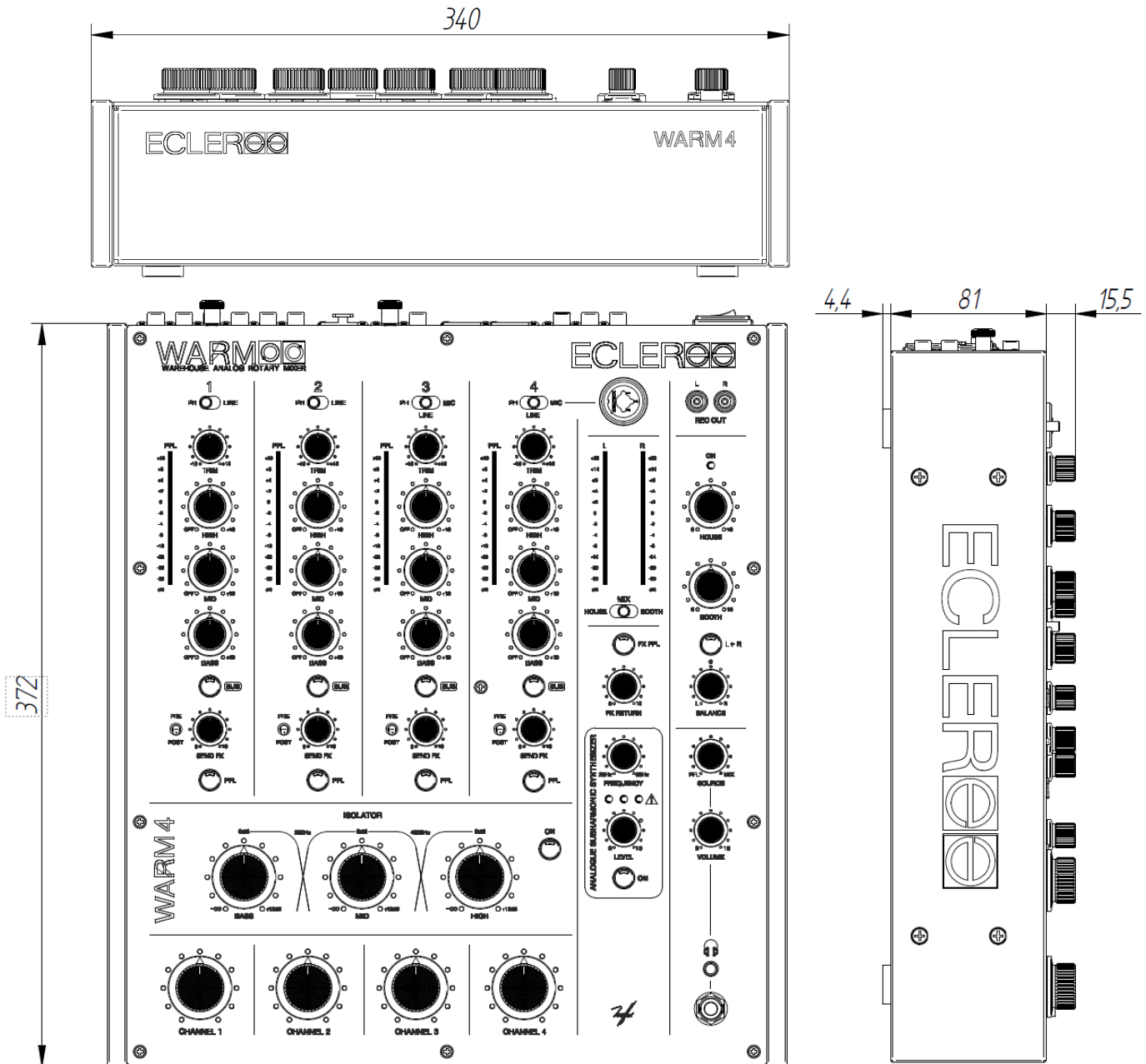
Power Supply	Internal
AC Mains Voltage	90-264VAC 47-63Hz
AC Main Connector	15A IEC inlet connector
Rated power consumption	39 VA

PHYSICAL

Operating Temperature	-5°C ÷ 45°C / 23°F ÷ 113°F
Operating Humidity	20 - 90% RH (no condensation)
Storage Temperature	-10°C ÷ 50°C / 14°F ÷ 122°F
Storage Humidity	<90% RH (no condensation)
Installation Options	Desktop or Rack mount with optional accessories
Included Accessories	IEC Cable EU
Dimensions (WxHxD)	34.0 x 8.1 x 37.2 cm / 13.39 x 3.19 x 14.65 in
Weight	5.32 Kg / 11.73 lb
Shipping Dimensions (WxHxD)	49.5 x 17.5 x 43.5 cm / 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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