

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 full EQ cut.
- 3 Band Isolator (300Hz and 4KHz, ∞ / +12dB, 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 aluminium 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 |
| | 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/50k Ω |
| | PHONO | -40dBV/50k Ω |
| | MICRO | -50dBV/>1k Ω |
| | FX RETURN | 0dBV/>6k Ω |
| Performances | | |
| Frequency Response | LINE | 10Hz÷30kHz -1dB |
| | MICRO | 10Hz÷25kHz -1dB |
| | PHONO | RIAA \pm 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 | INPUTS 1-2-3-4 | \pm 15dB |
| Tone control Inputs 1-2-3-4 | 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 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

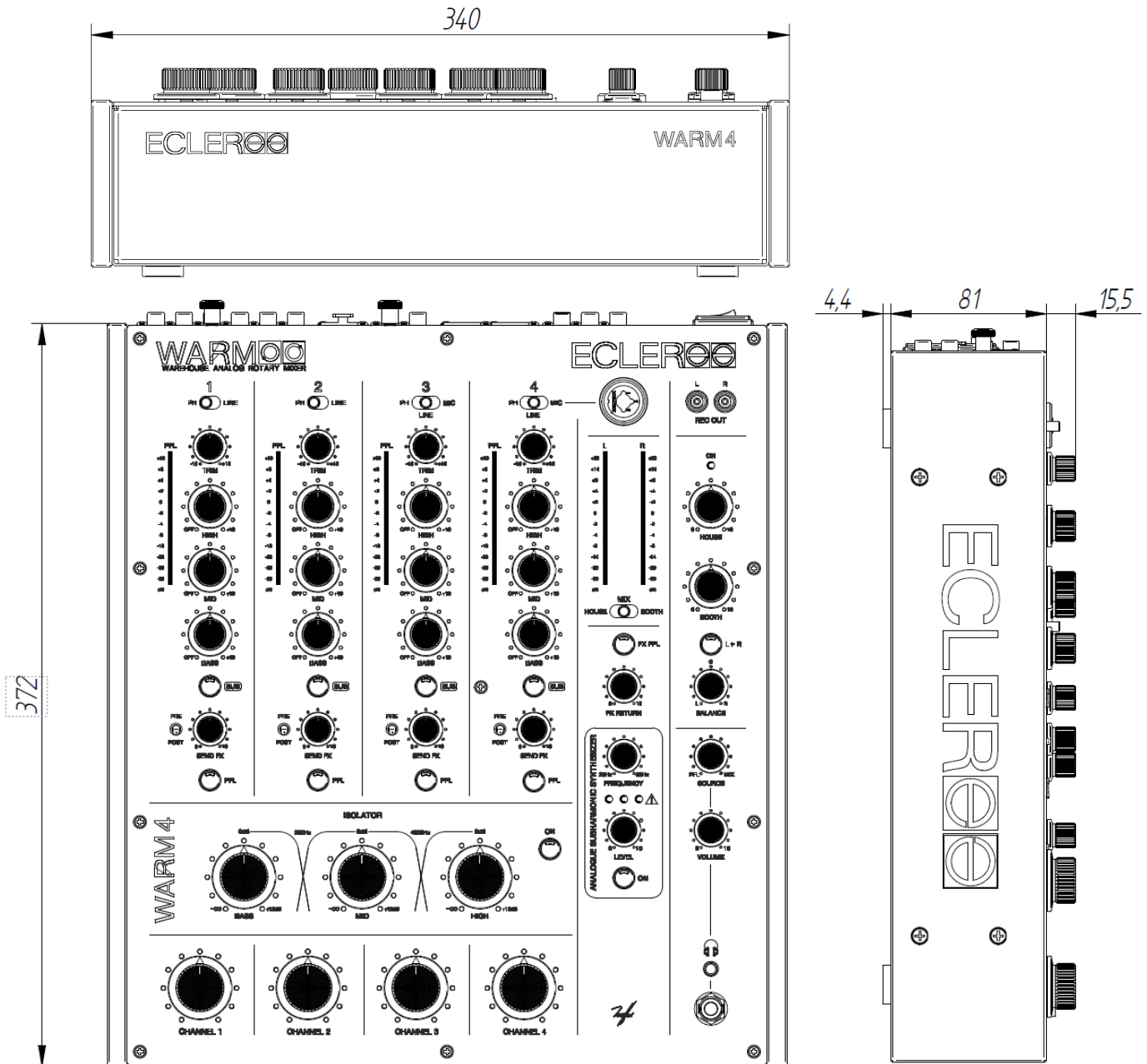
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|-------------------------|-------------------------|
| Power Supply | Internal |
| AC Mains Voltage | 90-264VAC 47-63Hz |
| AC Main Connector | 15A IEC inlet connector |
| Rated power consumption | 39 VA |

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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