

Ecler WARM-4

Ecler Warm4 - 4-Channel Rotary DJ Mixer User Manual

Model: WARM-4 | Brand: Ecler

INTRODUCTION

The Ecler WARM4 is a 4-channel rotary DJ mixer designed to deliver a rich, warm sound experience reminiscent of classic audio equipment. Crafted with precision in Barcelona, this mixer combines traditional Ecler design principles with innovative features, providing DJs with intuitive control and superior audio quality for their performances. This manual provides comprehensive instructions for setting up, operating, and maintaining your Ecler WARM4 mixer. Please read it thoroughly before use to ensure proper functionality and longevity of the device.

SAFETY INFORMATION

- **Power Source:** Connect the mixer only to a power supply of the type described in this manual or marked on the unit. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Ensure adequate airflow around the unit.
- **Water and Moisture:** Do not use this apparatus near water or expose it to dripping or splashing. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth. Disconnect from power before cleaning.
- **Servicing:** Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- **Cables:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

PACKAGE CONTENTS

Please check that all the following items are included in your package:

- Ecler WARM4 Rotary DJ Mixer
- Power Cable
- User Manual (this document)

If any items are missing or damaged, please contact your dealer immediately.

PRODUCT OVERVIEW

The Ecler WARM4 features a robust design with intuitive controls for professional DJ applications. Familiarize yourself with the layout of the front and rear panels.

Front Panel Controls



Figure 1: Ecler WARM4 Front Panel Layout. This image displays the top-down view of the mixer's control surface, highlighting the four input channels, the master section, the isolator, and the subharmonic synthesizer.

1. **Channels 1-4 (Input Sections):** Each channel features PFL (Pre-Fader Listen) switch, LINE/PHONO/MIC input selector, TRIM (gain) control, 3-band EQ (HIGH, MID, BASS) with full kill, PRE/POST FX SEND selector, and a large rotary volume knob.
2. **Isolator:** A dedicated 3-band frequency isolator with large rotary knobs for BASS, MID, and HIGH, allowing for dramatic frequency manipulation.
3. **Analogue Subharmonic Synthesizer:** Controls for FREQUENCY and LEVEL to add deep sub-bass frequencies to your mix.
4. **Master Section:** Includes REC OUT (recording output) level, HOUSE (main output) level, BOOTH (monitor output) level, FX PFL switch, L+R balance, PFL/MIX source selector, and a master VOLUME knob.
5. **Headphone Output:** 1/4" jack for monitoring.

Rear Panel Connections



Figure 2: Ecler WARM4 Rear Panel Connections. This image illustrates the various audio input and output ports, including power input, FX loop, and main outputs.

- **Mains Input:** Power switch and IEC power connector with fuse holder.
- **FX Loop:** RCA SEND and RETURN jacks for connecting external effects units.
- **Outputs:**
 - **HOUSE (Main Output):** Balanced XLR (L/R) and unbalanced RCA (L/R) outputs.
 - **BOOTH (Monitor Output):** Balanced XLR (L/R) outputs.
 - **REC OUT (Recording Output):** Unbalanced RCA (L/R) output.
- **Inputs 1-4:** Each channel features RCA PHONO (with ground terminal) and LINE inputs. Channel 4 also includes an XLR MIC input.

SETUP

1. **Unpacking:** Carefully remove the mixer from its packaging. Retain the packaging for future transport or storage.
2. **Placement:** Place the mixer on a stable, flat surface, ensuring adequate ventilation around the unit. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:**
 - Ensure the power switch on the rear panel is in the OFF position.
 - Connect the supplied power cable to the MAINS INPUT on the rear panel and then to a suitable AC power outlet.
4. **Connecting Audio Sources:**
 - Connect your turntables to the PHONO inputs (RCA) and attach the ground wire to the GND terminal for each channel.
 - Connect CDJs, media players, or other line-level devices to the LINE inputs (RCA).
 - For microphone input, connect your microphone to the MIC input (XLR) on Channel 4.
5. **Connecting Outputs:**
 - **Main Speakers (HOUSE):** Connect your main PA system or studio monitors to the balanced XLR or unbalanced RCA HOUSE outputs.

- **Booth Monitors (BOOTH):** Connect your booth monitor speakers to the balanced XLR BOOTH outputs.
 - **Recording Device (REC OUT):** Connect a recording device to the RCA REC OUT jacks. This output is independent of the master volume.
6. **External FX Unit (Optional):** If using an external effects processor, connect its input to the FX SEND (RCA) and its output to the FX RETURN (RCA).
 7. **Headphones:** Plug your headphones into the 1/4" jack on the front panel.

OPERATING INSTRUCTIONS

Basic Mixing

1. **Power On:** After all connections are made, switch on your audio sources, then your amplifiers/speakers, and finally the Ecler WARM4 mixer using the rear panel power switch.
2. **Input Selection:** For each channel, select the appropriate input source (PHONO, LINE, or MIC) using the selector switch.
3. **Gain Staging (TRIM):** Play a track on your source. Engage the PFL switch for that channel. Adjust the TRIM knob until the channel's level meter reaches around 0dB, occasionally peaking into the yellow, but avoiding constant red clipping.
4. **Equalization (EQ):** Use the HIGH, MID, and BASS rotary knobs to shape the sound of each channel. These EQs offer full kill capability when turned fully counter-clockwise.
5. **Channel Volume:** Use the large rotary volume knob for each channel to control its output level into the mix.
6. **Master Volume:** Adjust the HOUSE (main output) and BOOTH (monitor output) levels using their respective knobs in the master section.
7. **Headphone Monitoring (PFL/MIX):**
 - Press the PFL switch on any channel to listen to that channel in your headphones before it goes to the master mix.
 - Use the PFL/MIX knob in the master section to blend between the PFL signal and the main mix in your headphones.
 - Adjust the HEADPHONE VOLUME knob for comfortable listening.

Using the Isolator



Figure 3: Isolator Controls. This image provides a detailed view of the large rotary knobs for Bass, Mid, and High frequencies in the isolator section.

The 3-band isolator allows for precise and dramatic frequency cuts or boosts across the entire mix. Turn the BASS, MID, and HIGH knobs to manipulate the respective frequency ranges. Turning them fully counter-clockwise will completely cut that frequency band.

Using the FX Send/Return

To integrate an external effects unit:

- Connect your FX unit as described in the Setup section.
- For each channel, select PRE or POST FX SEND. PRE sends the signal before the channel volume, POST sends it after.
- Adjust the SEND FX knob for each channel to control the amount of signal sent to the external FX unit.
- The processed signal from the FX unit will return via the FX RETURN. Adjust the FX RETURN knob in the master section to blend the effect into your main mix.

Analogue Subharmonic Synthesizer



Figure 4: Subharmonic Synthesizer Controls. This image shows the FREQUENCY and LEVEL knobs for the subharmonic synthesizer, located near the master volume controls.

The built-in subharmonic synthesizer adds powerful, deep bass frequencies to your mix. Engage the ON switch to activate it. Use the FREQUENCY knob to select the desired sub-bass frequency range and the LEVEL knob to control the intensity of the added subharmonics.

MAINTENANCE

- **Cleaning:** Always disconnect the mixer from the power supply before cleaning. Use a soft, dry cloth to wipe down the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, away from direct sunlight and excessive dust. It is recommended to use the original packaging for storage and transport.
- **Ventilation:** Ensure that the ventilation openings are always clear of obstructions to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Blown fuse	Ensure power cable is securely connected; Turn power switch ON; Check and replace fuse if necessary (refer to specifications for fuse type).
No sound output	Incorrect input/output connections; Volume knobs turned down; Amplifier/speakers off or muted; Incorrect input selected on channel	Verify all audio cables are correctly connected; Increase channel, master, and amplifier volumes; Ensure speakers are powered on and unmuted; Select correct input (PHONO/LINE/MIC) for the channel.
Distorted sound	Input gain (TRIM) too high; Output level too high; Damaged cables	Reduce TRIM level to prevent clipping (keep meters out of red); Lower master output levels; Check and replace any faulty cables.
Humming/Buzzing noise	Ground loop; Improper grounding of turntables; Nearby electrical interference	Ensure turntables are properly grounded to the mixer's GND terminals; Try connecting all audio equipment to the same power strip; Move mixer away from power transformers or other electronic devices.

SPECIFICATIONS

Feature	Detail
Model Number	WARM-4
Brand	Ecler
Number of Channels	4
Power Source	Wired Electric
Connectivity Technology	Auxiliary
Weight	5.31 Kilograms (approx. 11.7 lbs)
Dimensions	Individual measurement (specific dimensions not provided in source)
Color	Multicolor (Black with wooden sides)
Country of Origin	China

Note: Specifications are subject to change without notice.


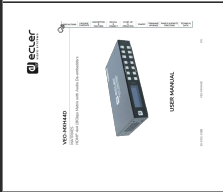
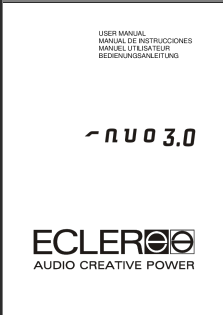

WARRANTY AND SUPPORT

Ecler products are manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official Ecler website. Please retain your proof of purchase for warranty claims.

For any issues not covered in the troubleshooting section, please contact Ecler customer support or your authorized dealer.

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Related Documents - WARM-4

	<p>Ecler VEO-XTT44 and VEO-XRT44 HDMI HDBaseT Extender User Manual</p> <p>User manual for the Ecler VEO-XTT44 HDBaseT Transmitter and VEO-XRT44 HDBaseT Receiver, detailing features, specifications, panel descriptions, EDID management, HDCP mode, ARC mode, system connection, and technical specifications.</p>
	<p>Ecler VEO-MXH44D 4x4 HDMI Matrix with Audio De-embedding User Manual</p> <p>User manual for the Ecler VEO-MXH44D, a 4x4 HDMI 2.0 matrix switcher supporting 4K/UHD resolutions at 60Hz with 18Gbps bandwidth and 4:4:4 chroma sampling. Features include 8 audio de-embedding outputs, EDID management, and WebGUI control for professional AV installations.</p>
	<p>ECLER NUO3.0 User Manual - Professional DJ Mixer</p> <p>Comprehensive user manual for the ECLER NUO3.0 professional DJ mixer, detailing installation, operation, features, and technical specifications. Learn how to maximize your audio mixing experience.</p>
	<p>Ecler COMPACT8 Analogue Mixer User Manual - Installation and Operation Guide</p> <p>Comprehensive user manual for the Ecler COMPACT8 Analogue Preamplifier & Mixer. Covers installation, operation, technical specifications, and troubleshooting for professional audio setups.</p>



WARM4
DJ MIXERS
Four Channel Analogue Rotary Mixer



USER MANUAL

[\[pdf\]](#) User Manual

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WARM 4 DJ MIXERS Four Channel Analogue Rotary Mixer PRECAUTIONS
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