

Clearaudio CONCEPT MM TP053

Clearaudio Concept MM Turntable User Manual

Model: CONCEPT MM TP053

Brand: Clearaudio

1. INTRODUCTION

The Clearaudio Concept MM Turntable is an exceptional audio component designed to deliver high-fidelity sound reproduction from your vinyl records. Featuring an exclusive magnetic bearing system and a pre-mounted Classic MM cartridge, this turntable offers a refined and dynamic listening experience. Its robust construction, utilizing high-quality alloy and engineered wood, ensures stable and precise playback.

Key features include:

- Pre-mounted Classic MM (Moving Magnet) cartridge for immediate use.
- Exclusive magnetic bearing for ultra-low friction and smooth platter rotation.
- Belt-drive motor for stable speed and reduced vibrations.
- Integrated tonearm (CF tonearm) designed for optimal tracking.

2. WHAT'S IN THE BOX

Upon unpacking, please ensure all components are present and in good condition:

- Clearaudio Concept MM Turntable unit
- Pre-mounted Classic MM cartridge/stylus
- Dust cover
- Power supply unit (with cable)
- Drive belt
- Platter

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

3. SETUP GUIDE

Careful setup is crucial for optimal performance of your Clearaudio Concept MM Turntable.

3.1 Placement

Choose a stable, level surface away from direct sunlight, heat sources, and strong vibrations. Ensure adequate ventilation around the unit.

3.2 Unpacking and Assembly

1. Gently remove the turntable from its packaging.
2. Place the main plinth on your chosen surface.
3. Carefully place the platter onto the spindle. The magnetic bearing system will guide it into place.
4. Install the drive belt around the motor pulley and the inner rim of the platter.
5. Place the dust cover over the turntable.

3.3 Tonearm and Cartridge Adjustment

Your Clearaudio Concept MM Turntable comes with a pre-mounted Classic MM cartridge. While factory-set, fine-tuning may be required for optimal sound and stylus longevity.

- **Tracking Force:** The recommended tracking force for the Classic MM cartridge is typically around 2.0 grams. Due to the magnetic suspension, it is recommended to set the tracking force at the height of the platter for accurate readings. Use a digital stylus force gauge for precision.
- **Anti-Skating:** The anti-skating adjustment is located underneath the base of the platter. This adjustment counteracts the inward force on the tonearm, ensuring even wear on the stylus and proper channel balance. Adjust it carefully while playing a record or using a test record.
- **VTA (Vertical Tracking Angle) / Azimuth:** These are typically factory-set for the pre-mounted cartridge. Refer to advanced setup guides if further adjustment is desired.



Figure 3.1: Overview of the Clearaudio Concept MM Turntable, showing the platter, tonearm, and speed selection knob.

3.4 Connectivity

Connect the turntable to your audio system:

1. Connect the RCA audio cables from the turntable's output to the "Phono MM" input on your amplifier or AV receiver. If your amplifier does not have a dedicated "Phono MM" input, you will need an external phono preamplifier.
2. Connect the ground wire from the turntable to the ground terminal on your amplifier or phono preamplifier to minimize hum.

3.5 Power Connection

Connect the power supply unit to the turntable's power input, then plug it into a suitable wall outlet. Ensure the power switch is in the OFF position before connecting.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Locate the power switch, typically integrated with the speed selection knob. Turn the knob to the desired speed (33, 45, or 78 RPM) to power on the turntable. Turn it to the 'Off' position to power off.

4.2 Speed Selection

The Clearaudio Concept MM Turntable supports multiple playback speeds:

- **33 ⅓ RPM:** For standard LPs (Long Play records).
- **45 RPM:** For singles and some audiophile pressings.
- **78 RPM:** For shellac records (requires a dedicated 78 RPM stylus, not included).

Select the appropriate speed using the control knob on the plinth.

4.3 Playing a Record

1. Place a record on the platter.
2. Select the correct playback speed.
3. Lift the tonearm using the cueing lever.
4. Carefully position the tonearm over the desired starting groove of the record.
5. Gently lower the cueing lever to allow the stylus to descend onto the record.
6. Adjust the volume on your amplifier.

4.4 Stopping Playback

1. Lift the tonearm using the cueing lever.
2. Return the tonearm to its rest.
3. Lower the cueing lever.
4. Turn the speed selection knob to the 'Off' position to power down the turntable.
5. Replace the dust cover to protect the turntable from dust.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your turntable.

- **Dust Cover:** Always use the dust cover when the turntable is not in use to prevent dust accumulation on the platter, tonearm, and stylus.
- **Cleaning the Plinth and Platter:** Use a soft, dry, lint-free cloth to wipe down the plinth and platter. Avoid abrasive cleaners or solvents.
- **Stylus Cleaning:** Gently clean the stylus regularly using a dedicated stylus brush or cleaning fluid. Always brush from back to front.
- **Drive Belt:** Periodically inspect the drive belt for wear or stretching. Replace it if it appears loose or cracked, as this can affect speed stability.
- **Cartridge Replacement:** The stylus (needle) of your cartridge will wear over time. Consult a professional or refer to the cartridge manufacturer's guidelines for replacement intervals.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
No sound or very low sound	Incorrect input selected on amplifier; cables loose; no phono preamplifier (if needed); amplifier volume too low.	Ensure "Phono MM" input is selected. Check all cable connections. Use a phono preamplifier if your amplifier lacks a dedicated phono input. Increase amplifier volume.
Humming or buzzing noise	Ground wire not connected; poor cable shielding; proximity to other electronics.	Ensure ground wire is securely connected. Use high-quality shielded RCA cables. Move turntable away from other electronic devices.
Distorted sound or skipping	Incorrect tracking force; incorrect anti-skating; dirty stylus; damaged record; turntable not level.	Re-adjust tracking force (ensure measurement at platter height). Adjust anti-skating. Clean stylus. Inspect record for damage. Ensure turntable is perfectly level.
Incorrect playback speed	Wrong speed selected; worn drive belt.	Verify the correct speed (33, 45, or 78 RPM) is selected. Inspect and replace the drive belt if necessary.

If the problem persists, please contact your authorized Clearaudio dealer or support.

7. SPECIFICATIONS

Brand	Clearaudio
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Model Name	Concept TP053
Model Number	CONCEPT MM TP053
Connectivity Technology	AUX
Compatible Devices	Amplifier, AV Receiver, Active Speakers, various audio components
Special Feature	MC System (Note: Product is MM, but system supports MC cartridges)
Included Components	Cartridge/stylus, Dust cover
Power Type	Wired
Material	High-quality alloy or engineered wood
Color	Black
Motor Type	Belt Drive Motor


8. WARRANTY AND SUPPORT


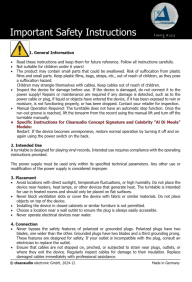


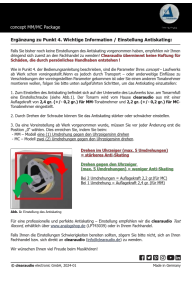
For warranty information, please refer to the documentation provided with your purchase or contact your authorized Clearaudio dealer. Clearaudio products are known for their quality and durability, and support is available through their official channels.

For technical assistance or service inquiries, please contact your local Clearaudio distributor or visit the official Clearaudio website for contact details.

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Related Documents - CONCEPT MM TP053

	<p>Clearaudio Concept Signature Turntable User Manual</p> <p>Comprehensive user manual for the Clearaudio Concept Signature turntable, covering setup, operation, calibration, troubleshooting, and technical specifications. Learn how to get the best performance from your high-fidelity vinyl playback system.</p>
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	<p>Clearaudio Concept Turntable User Manual</p> <p>Comprehensive user manual for the Clearaudio Concept turntable, detailing setup, operation, technical specifications, and warranty information for optimal audio performance.</p>
	<p>Clearaudio Turntable Important Safety Instructions</p> <p>Essential safety guidelines for Clearaudio turntables, covering general information, intended use, placement, connection, maintenance, health warnings, liability, service, transport, CE compliance, and disposal.</p>
	<p>Clearaudio concept mc and concept mc Signature User Manual</p> <p>User manual for the Clearaudio concept mc and concept mc Signature moving coil cartridges. Includes installation, adjustment, troubleshooting, technical specifications, and warranty information.</p>
	<p>Clearaudio smart power 12V User Manual and Operating Guide</p> <p>Comprehensive user manual for the Clearaudio smart power 12V, detailing setup, operation modes, troubleshooting, technical specifications, and warranty information for this high-fidelity turntable DC power supply.</p>
	<p>Clearaudio Concept Turntable Antiskating Adjustment Guide</p> <p>Detailed instructions on how to adjust the antiskating for the Clearaudio Concept turntable, including MM and MC cartridge setup.</p>