

Fanmusic Shell

Fanmusic TRN Shell In-Ear Headphones User Manual

Model: Shell | Brand: Fanmusic

INTRODUCTION

The Fanmusic TRN Shell in-ear headphones are designed to deliver a high-fidelity audio experience. Featuring a unique hybrid acoustic architecture with triple dynamic drivers and a planar diaphragm unit, these headphones offer detailed sound reproduction across a broad frequency range. The detachable cable and interchangeable filter nozzles provide versatility and customization for your listening preferences.

Key Features

- **Triple Dynamic + Planar Acoustic Architecture:** For an immersive sound experience with enhanced sensitivity and layering.
- **Full-Frequency Balanced Triple Dynamic Driver Unit:** Combines 10.5mm, 8mm, and 6mm drivers with beryllium-plated + PET and titanium-plated diaphragms for pure and authentic sound.
- **Flagship Planar Diaphragm Unit:** Reproduces ultra-high frequencies with delicate, transparent, and lustrous sound.
- **Interchangeable Nozzle Design:** Three gold-plated brass filter nozzles allow for sound customization by emphasizing different audio regions.
- **Standard Four-Strand Silver-Plated Hybrid Replaceable Audio Cable:** Enhances sound fullness and reduces signal distortion with 89-core high-purity oxygen-free copper and silver-plated Litz structure.

🐚 Key Features of the Shell 🐚



10.5mm Beryllium-Plated
Dynamic Driver



8mm PET
Dynamic Driver



6mm Titanium-Plated
Dynamic Driver



All-New 6mm
Planar Diaphragm



Streamlined
Shell Design



Liquid Metal
Cavity



High - purity silver - plated
wire materials



Professional
HIFI tuning



2Pin detachable
cable design

Image: Overview of the key features of the TRN Shell headphones.

WHAT'S IN THE BOX

Your Fanmusic TRN Shell package includes the following items:

- SHELL In-Ear Headphones (1 pair)
- Earphone Cable (1)
- Interchangeable Filter Nozzles (3 pairs, includes 3.5mm and 4.4mm connectors)
- Eartips (13 pairs, 5 types: Liquid Transparent (S, M, L), Silicone (S, M, L), White Silicone (S, M, L), T-tips (S, M, L), Memory Foam (M))
- Storage Case (1)

Intimate All-Round Protection Practical and rich accessories of various types



Image: All accessories included with the TRN Shell headphones.

SETUP

1. **Choose Your Eartips:** Select the eartips that provide the best seal and comfort for your ears. Experiment with the different sizes and types (Liquid Transparent, Silicone, White Silicone, T-tips, Memory Foam) to find your ideal fit. A good seal is crucial for optimal sound quality.
2. **Attach the Cable:** The earphone cable features 2-pin connectors. Carefully align the pins on the cable with the sockets on each earphone unit (L for left, R for right) and push them firmly until they click into place. Ensure a secure connection.
3. **Select Filter Nozzles:** The TRN Shell comes with three pairs of interchangeable gold-plated brass filter nozzles. These can be screwed onto the earphone units to adjust the sound signature.
 - Unscrew the currently attached nozzle.
 - Choose your desired filter nozzle (e.g., Transparent, Reference, Atmospheric) and carefully screw it onto the earphone unit until secure.
 - Experiment with different nozzles to find the sound profile that suits your preference.
4. **Connect to Your Device:** Attach the 3.5mm or 4.4mm jack of the earphone cable to your audio source (e.g., smartphone, digital audio player, computer).

Standard Four-Strand Silver-Plated Hybrid Replaceable Audio Cable



*Includes 3.5/4.4mm connectors

Image: Detachable cable with interchangeable connectors.



Image: Interchangeable nozzle options and their effect on sound.

OPERATING INSTRUCTIONS

- Wearing the Earphones:** The TRN Shell headphones are designed for an over-ear fit with an ear hook. Gently loop the cable over your ear and insert the earphone unit into your ear canal. Adjust for a snug and comfortable fit.
- Volume Control:** Adjust the volume directly from your connected audio device.
- Microphone Usage (if applicable):** If your cable includes a microphone, ensure it is positioned correctly for clear voice pickup during calls or online communication.

Video: Product Overview demonstrating the design and fit of the headphones.

MAINTENANCE

- Cleaning Eartips:** Regularly remove and clean the eartips with mild soap and water. Ensure they are completely dry before reattaching.
- Cleaning Earphone Units:** Use a soft, dry cloth to wipe the earphone units. Avoid using harsh chemicals or

abrasive materials.

- **Storage:** When not in use, store your TRN Shell headphones in the provided storage case to protect them from dust, moisture, and physical damage.
- **Cable Care:** Avoid sharp bends or excessive pulling on the cable to prevent internal damage.

TROUBLESHOOTING

- **No Sound:**
 - Ensure the cable is securely connected to both the earphones and the audio source.
 - Check the volume level on your audio device.
 - Test with a different audio source or cable to rule out device or cable issues.
- **Poor Sound Quality / Muffled Sound:**
 - Ensure eartips are properly seated and form a good seal in your ear canal.
 - Clean eartips and earphone nozzles to remove any debris.
 - Experiment with different eartip sizes and nozzle filters.
- **Intermittent Connection:**
 - Check the 2-pin connectors for any looseness or damage.
 - Ensure the audio jack is fully inserted into your device.

SPECIFICATIONS

Feature	Specification
Model Name	SHELL
Connectivity Technology	Wired
Transducer Type	Hybrid Dual Dynamic Driver + Planar Diaphragm
Sensitivity	110dB
Frequency Response	20Hz-20kHz
Impedance	16Ω
Cable Length	1.2m ± 3cm
Weight (Headphone + cable)	~2.6g + 9.3g
Ear Placement	In Ear (Ear hook design)
Headphones Jack	3.5 mm Jack (Interchangeable 3.5mm/4.4mm connectors included)
Material	Metal, Plastic
Manufacturer	TRN

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Fanmusic website. Keep your proof of purchase for any warranty claims.