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- › [FIFINE](#) /
- › [FIFINE AmpliTank TANK1 XLR Dynamic Microphone Instruction Manual](#)

## FIFINE TANK1

# FIFINE AmpliTank TANK1 XLR Dynamic Microphone

## INSTRUCTION MANUAL

### Introduction

The FIFINE AmpliTank TANK1 is a high-quality XLR dynamic microphone designed for professional audio recording, podcasting, streaming, and voice-over applications. Its robust all-metal construction ensures durability, while advanced features like a cardioid polar pattern, mid-boost, and low-cut filter provide exceptional sound clarity and versatility.

This microphone is engineered to capture every nuance of your voice or instrument with clarity and depth, offering a frequency response range of 50Hz to 20KHz and an output impedance of 140Ω for a balanced and consistent signal. No phantom power is required when using the TANK1.



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Image: The FIFINE AmpliTank TANK1 microphone, showcasing its sleek design and sturdy build on a desktop stand.

## Setup

Follow these steps to set up your FIFINE AmpliTank TANK1 microphone:

1. **Mounting:** The TANK1 features built-in 3/8" and 5/8" threads, allowing direct attachment to most microphone stands or boom arms without the need for additional adapters. Securely fasten the microphone to your preferred mounting solution.
2. **Connection:** Connect the microphone to an audio interface or mixer using a standard XLR cable (not included). The XLR connection provides a balanced audio signal, minimizing noise and interference for upgraded sound quality.
3. **Power:** As a dynamic microphone, the TANK1 does not require phantom power. Ensure your audio interface or mixer is properly powered and configured for an XLR input.



Image: Close-up of the microphone's base, highlighting the integrated 3/8" and 5/8" threads for versatile mounting options on various stands and boom arms.

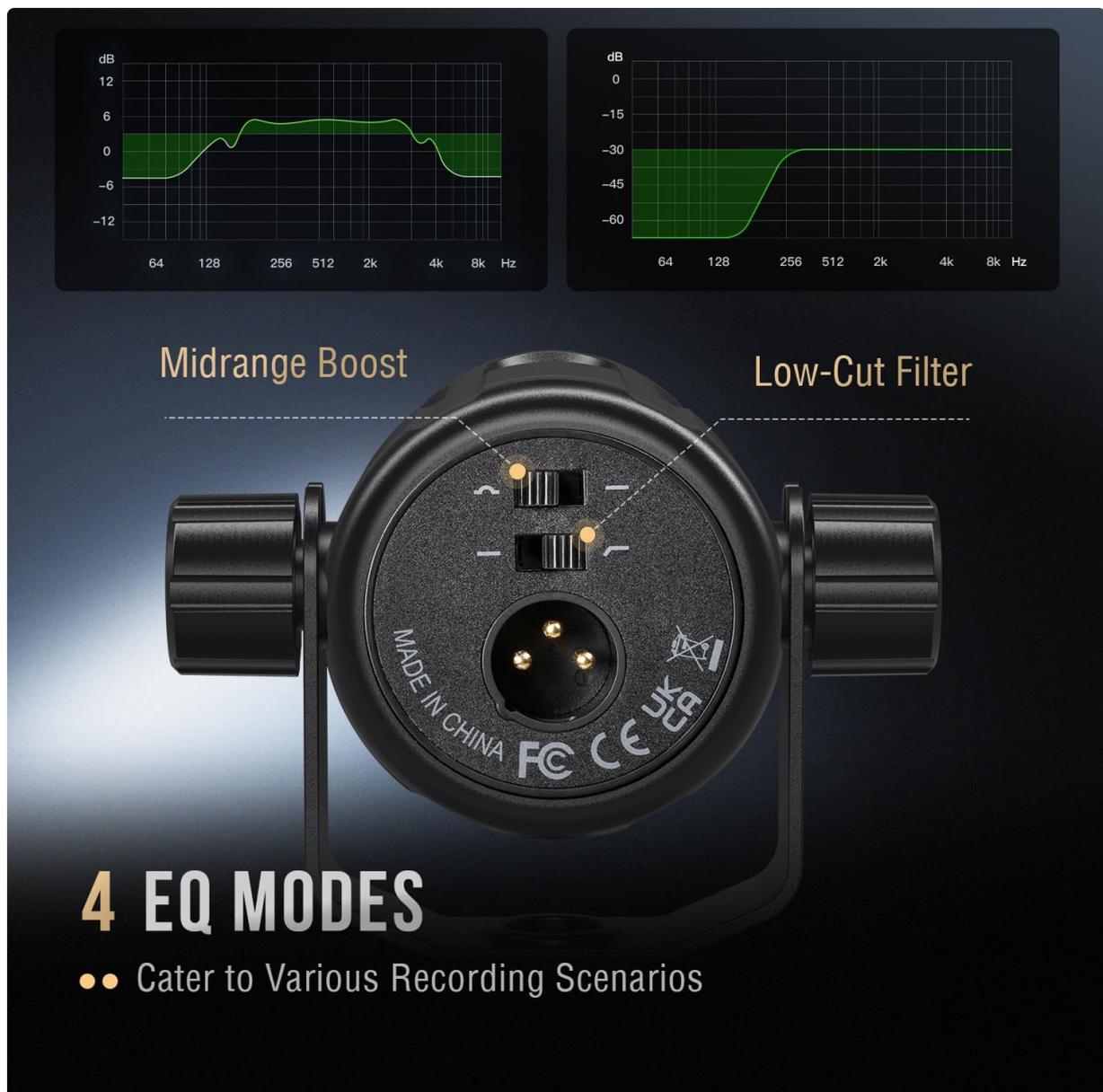


Image: The rear of the FIFINE AmpliTank TANK1, showing the XLR port with a cable connected, emphasizing its professional audio interface compatibility.

## Operating Instructions

The TANK1 microphone features built-in switches for sound customization, allowing you to adapt to various recording scenarios:

- **Low-Cut Filter:** This switch is designed to reduce distracting low-frequency background noises such as rumbling air conditioners or traffic hums. Activating the low-cut filter helps achieve cleaner audio quality without extensive post-production noise reduction.
- **Mid-Boost Switch:** Engage the mid-boost switch to enhance mid-range frequencies, highlighting vocal clarity. This feature makes every word and inflection stand out, ideal for narrations, discussions, and achieving a richer, clearer vocal sound.

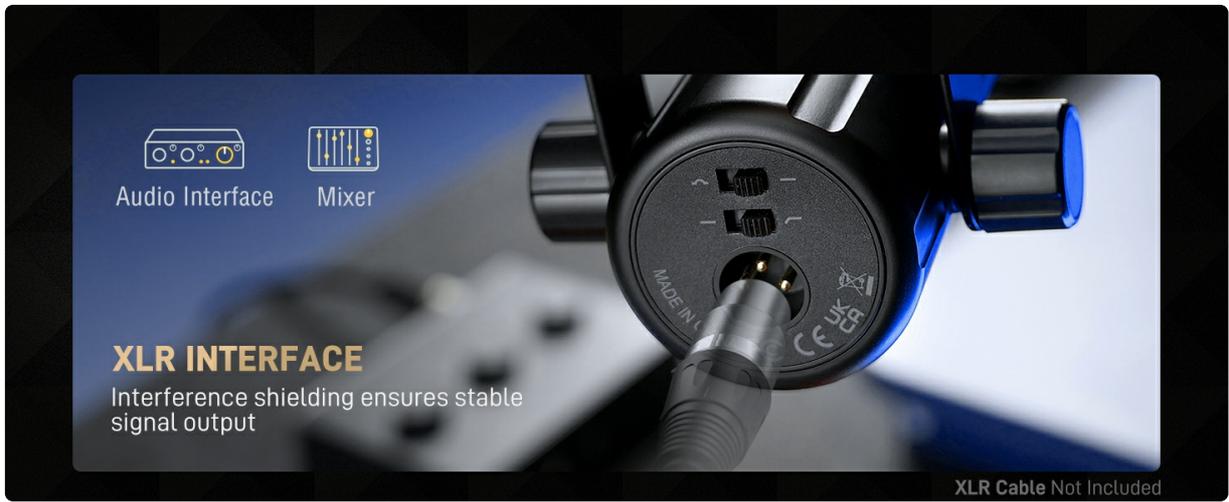


Image: The rear panel of the microphone, clearly showing the Mid-Boost and Low-Cut filter switches, allowing users to tailor the sound profile.

Optimal microphone placement is crucial for sound quality. Position the microphone directly in front of the sound source (e.g., your mouth) to leverage its cardioid polar pattern, which focuses on capturing sound from the front while minimizing pickup from the sides and rear.



Image: A person wearing headphones, recording into the FIFINE AmpliTank TANK1 microphone mounted on a boom arm, illustrating a typical podcasting setup.

# Maintenance

To ensure the longevity and optimal performance of your FIFINE AmpliTank TANK1 microphone, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the microphone's exterior with a soft, dry cloth to remove dust and fingerprints. Avoid using harsh chemicals or abrasive materials, as these can damage the finish.
- **Storage:** When not in use, store the microphone in a clean, dry place, ideally in its original packaging or a protective case, to prevent dust accumulation and physical damage.
- **Handling:** Handle the microphone with care. Avoid dropping it or subjecting it to strong impacts, as this can affect its internal components and sound quality.

# Troubleshooting

If you encounter issues with your FIFINE AmpliTank TANK1 microphone, consider the following:

- **No Sound:**
  - Ensure the XLR cable is securely connected to both the microphone and your audio interface/mixer.
  - Verify that your audio interface/mixer is powered on and the input gain for the microphone channel is set appropriately.
  - Check the input selection on your recording software or device.
- **Poor Sound Quality/Noise:**
  - Confirm the microphone is positioned correctly, facing the sound source.
  - Experiment with the Low-Cut filter to reduce ambient low-frequency hums.
  - Ensure the XLR cable is not damaged and is of good quality.
  - Test with a different audio interface or mixer if possible to rule out external equipment issues.
- **Distorted Audio:**
  - Reduce the input gain on your audio interface/mixer to prevent clipping.
  - Ensure you are not speaking too loudly or too close to the microphone.

# Specifications

Feature	Detail
Model Name	AmpliTank TANK1
Connectivity Technology	XLR
Polar Pattern	Unidirectional (Cardioid)
Frequency Response	50 Hz - 20 KHz
Output Impedance	140 Ohms
Signal-to-Noise Ratio	75 dB
Material	Heavy-Duty All Metal

Item Weight	2.55 pounds (1.16 Kilograms)
Special Features	Built-in 3/8" & 5/8" threads, Low-Cut Filter Switch, Mid-Boost Switch
Compatible Devices	Audio Interface, Audio Mixer

## What's in the Box

The FIFINE AmpliTank TANK1 package includes:

- XLR Dynamic Microphone (TANK1)
- User's Manual

## Warranty and Support

FIFINE products are covered by a manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the contact information provided in the User's Manual or visit the official FIFINE website. Keep your purchase receipt for warranty claims.