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Behringer TM1

Behringer TM1 Complete Microphone Recording Package User Manual

Model: TM1

INTRODUCTION

The Behringer TM1 Complete Microphone Recording Package is designed to provide high-quality audio capture for various applications, including singing, podcasting, and instrument recording. This package includes the TM1 condenser microphone, a shock mount, a pop shield, and an XLR cable, offering a comprehensive solution for your recording needs.

WHAT'S IN THE Box

Your Behringer TM1 Complete Microphone Recording Package should contain the following items:

- 1 TM1 Condenser Microphone
- 1 Shock Mount with Pop Shield
- 1 20' XLR Cable
- 1 Dust Cover



Image: The complete Behringer TM1 microphone recording package, including the TM1 microphone, shock mount, and pop shield.

SETUP

Follow these steps to set up your Behringer TM1 microphone:

- 1. Attach the Shock Mount:** Secure the shock mount to a microphone stand (not included). The shock mount helps isolate the microphone from vibrations and handling noise.



Image: The Behringer TM1 shock mount, designed to hold the microphone securely and reduce vibrations.

2. **Insert the Microphone:** Carefully place the TM1 condenser microphone into the shock mount. Ensure it is seated firmly.





Image: The Behringer TM1 condenser microphone, a key component of the recording package.

3. **Attach the Pop Shield:** Connect the pop shield to the shock mount or microphone stand. Position it approximately 2-3 inches in front of the microphone. The pop shield reduces plosive sounds (like 'p' and 'b') during vocal recordings.



Image: The Behringer pop shield, used to filter out harsh plosive sounds during recording.

4. **Connect the XLR Cable:** Plug one end of the 20' XLR cable into the bottom of the TM1 microphone. Connect the other end to an audio interface, mixer, or preamplifier that provides 48V phantom power. The TM1 is a condenser microphone and requires phantom power to operate.

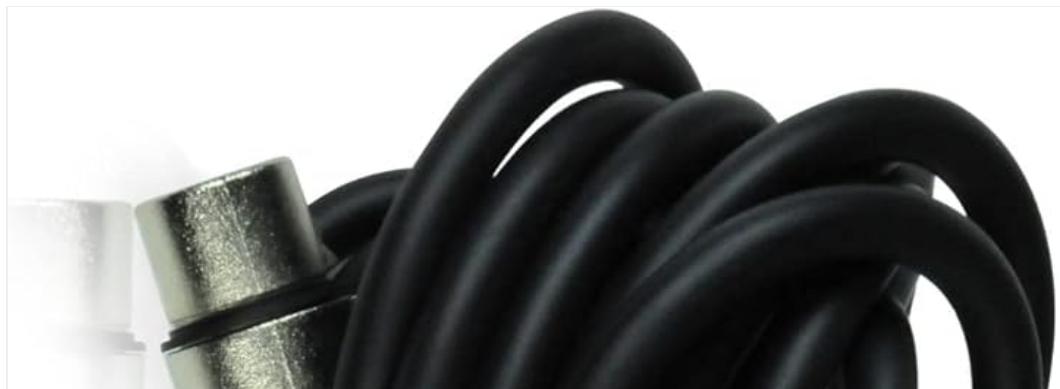




Image: The included 20-foot XLR cable, essential for connecting the microphone to audio equipment.

5. **Connect to Device:** Connect your audio interface/mixer to your computer or recording device.

OPERATING INSTRUCTIONS

Once your TM1 microphone is set up and connected, you can begin recording:

- **Phantom Power:** Ensure that the 48V phantom power is activated on your audio interface or mixer. The TM1 will not function without it.
- **Polar Pattern:** The TM1 features a unidirectional (cardioid) polar pattern, meaning it primarily picks up sound from the front, reducing noise from the sides and rear. Position the microphone with the Behringer logo facing the sound source.
- **Gain Staging:** Adjust the input gain on your audio interface or mixer to achieve a healthy signal level without clipping (distortion). Start with a lower gain and gradually increase it while monitoring your audio.
- **Proximity Effect:** Be aware of the proximity effect, where bass frequencies are boosted as the sound source gets closer to the microphone. Use this to your advantage for vocal warmth or maintain a consistent distance for a balanced sound.
- **Recommended Use:** This microphone is recommended for singing, but its versatile nature makes it suitable for various instruments and voice-over applications.

MAINTENANCE

Proper care will extend the life and performance of your TM1 microphone:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone body. Do not use liquid cleaners or solvents, as they can damage the microphone's components.
- **Storage:** When not in use, store the microphone in its dust cover or a protective case to prevent dust accumulation and physical damage. Avoid storing it in environments with extreme temperatures or high humidity.
- **Handling:** Always handle the microphone carefully. Avoid dropping it or subjecting it to strong impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound Output	Phantom power not activated. XLR cable faulty or improperly connected. Input gain too low on audio interface/mixer. Incorrect input selected on recording device.	Activate 48V phantom power. Check XLR cable connections; try a different cable. Increase input gain gradually. Verify correct input selection in your recording software/device settings.
Distorted Sound	Input gain too high (clipping). Microphone too close to sound source (proximity effect).	Reduce input gain on audio interface/mixer. Increase distance between microphone and sound source.
Excessive Plosives (P-pops)	Pop shield not used or improperly positioned. Microphone too close to mouth.	Ensure pop shield is correctly positioned 2-3 inches from the microphone. Increase distance between vocalist and microphone.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	Behringer
Model Name	Complete Recording Package
Recommended Uses	Singing
Connectivity Technology	XLR
Connector Type	3 pin XLR, balanced output between Pin 2 (+), Pin 3 (-) and Pin 1 (ground)
Special Feature	XLR
Compatible Devices	Laptop, Gaming Console, Personal Computer, Amplifier, Speaker
Color	Silver
Included Components	microphone
Polar Pattern	Unidirectional

WARRANTY AND SUPPORT

For information regarding warranty coverage and terms for your Behringer TM1 Complete Microphone Recording Package, please refer to the warranty card included with your product or visit the official Behringer website. For technical support, product registration, or service inquiries, please contact Behringer customer support directly through their official channels.

Note: No specific warranty details or support contact information are provided within this manual. Please consult the manufacturer's official resources for the most accurate and up-to-date information.

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This manual is for informational purposes only. Specifications are subject to change without notice.