



## behringer TM1 Complete Recording Package with Large Diaphragm Condenser Microphone User Guide

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## Important Safety Instructions



### **CAUTION RISK OF ELECTRIC SHOCK! DO NOT OPEN!**

-  Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock.  
Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.
- This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.
-  This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.
-  **Caution**  
To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.
-  **Caution**  
To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.
-  **Caution**  
These service instructions are for use by qualified service personnel only.  
To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.

4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Use only attachments/accessories specified by the manufacturer.
12.  Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
17.  Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.
18. Do not install in a confined space, such as a book case or similar unit.
19. Do not place naked flame sources, such as lighted candles, on the apparatus.
20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed of at a battery collection point.
21. This apparatus may be used in tropical and moderate climates up to 45°C.

## LEGAL DISCLAIMER

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## LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at [musictribe.com/warranty](https://musictribe.com/warranty).

## Description

The Behringer TM1 condenser microphone utilises premium-grade electronic components and features a patented pure gold-coated super large diaphragm capsule.

With extremely low self-noise, the TM1 captures clear audio from its cardioid design and a wide dynamic range up to 132 dB. This versatile mic is well suited for a variety of applications from recording studios to broadcast stations.

## Features

- Package of TM1 microphone, shock mount with integrated pop shield, 20' (6 m) XLR cable and dust cover
- Premium large condenser microphone capsule with 1" gold plated diaphragm
- Internal shock mounting for microphone capsule
- Fixed cardioid polar pick-up pattern
- Ultra low noise design
- Extremely quiet preamplifier design with transformer-less output stage
- +48 V phantom powering for wide dynamic range

## Standard Packing

- TM1 microphone
- Shock mount with integrated pop shield
- 20' (6 m) XLR microphone cable
- Dust cover

## Usage

The TM1 is a condenser microphone that requires phantom power to operate. Switching a channel's phantom power on or off may cause a loud 'pop' or 'bang' to be heard over the speakers or headphones. Always ensure that the input channel being used is muted on your mixer, or that the channel fader or output control is turned all the way down before engaging phantom power.

- Mute the chosen microphone input channel or turn its channel fader or output control all the way down ( $-\infty$ ) on your mixer.
- Connect the TM1 to the XLR input of the chosen microphone channel using the included XLR cable.
- Engage the +48 V phantom power on the channel or main section to supply power to the microphone.
- Raise the channel and master volumes 1/3 of the way to start. You can adjust them later.
- While speaking into the TM1, raise the gain control so that sufficient signal registers on the meters without causing clipping.

- Mic positioning, sound isolation, equalisation etc. varies greatly depending on specific application. It is highly recommended to do some research ahead of time to ensure the best audio reproduction.

## Frequency Response Graph

## Technical Specifications

Capsule	1" super-large gold-plated diaphragm
Acoustic principle	Pressure gradient
Directional pattern	Cardioid
Electronics	JFET preamplifier with bipolar output stage
Frequency range	20 Hz – 20 kHz
Sensitivity	-34 dB $\pm$ 2 dB @ 1 kHz (0 dB)
Equivalent noise	4.5 dBA SPL (per IEC 651)
Maximum input	138 dB @1 kHz ( $\leq$ 1% THD)
Dynamic range	>132 dB (per IEC 651)
Maximum SPL	138 dB @1 kHz ( $\leq$ 1% THD)
SNR	88.5 dB SPL @ 1 kHz, (relative to 1 Pa, per IEC 651)
Power requirement	+48 V phantom power
Output impedance	100 Ohms $\pm$ 30% @ 1 kHz
Output connection	3 pin XLR, balanced output between Pin 2 (+), Pin 3 (-) and Pin 1 (ground)
Dimensions	54 x 189 mm (2.1 x 7.4")
Net weight	354 g (0.8 lbs)

## Other important information

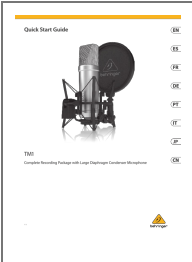
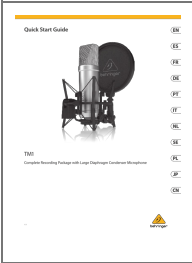
### Important information

1. Register online. Please register your new MusicTribe equipment right after you purchase it by visiting [musictribe.com](https://musictribe.com). Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.
2. Malfunction. Should your MusicTribe Authorized Reseller not be located in your vicinity, you may contact the MusicTribe Authorized Fulfiller for your country listed under "Support" at [musictribe.com](https://musictribe.com). Should your country not be listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at [musictribe.com](https://musictribe.com). Alternatively, please submit an online warranty claim at [musictribe.com](https://musictribe.com) BEFORE returning the product.
3. Power Connections. Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating

without exception.

We Hear You

Documents / Resources

	<p><a href="#">behringer TM1 Complete Recording Package with Large Diaphragm Condenser Microphone</a> [pdf] User Guide</p> <p>TM1, Complete Recording Package, Large Diaphragm Condenser Microphone, Condenser Microphone, Microphone</p>
	<p><a href="#">behringer TM1 Complete Recording Package with Large Diaphragm Condenser Microphone</a> [pdf] User Guide</p> <p>TM1, Complete Recording Package with Large Diaphragm Condenser Microphone, TM1 Complete Recording Package with Large Diaphragm Condenser Microphone, Large Diaphragm Condenser Microphone, Condenser Microphone, Microphone</p>

References

-  [Music Tribe](#)