



TB1



Condenser Microphone

for Audio Consoles and Mixers

**Marshall Electronics**

Professional Audio Division

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Thank you for choosing the MXL TB1 Gooseneck Condenser microphone. With proper care, this mic will provide many years of satisfaction. To get the best results, please take a few moments to read this manual.

Enjoy your microphone!

## The MXL Team

### General Characteristics

The TB1 is an electret condenser gooseneck microphone. Condenser microphones are very sensitive, readily revealing very subtle sonic details. They also tend to pick up sounds outside the pattern more than some designs, which can lead to powerful feedback if you are not careful. We strongly advise experimentation with placement and isolation requirements with the gain initially set low to avoid equipment (and ear) damage. It is strongly advised to use the included windscreen to prevent moisture from damaging the capsule.

### Contents

Unpack your MXL TB1 microphone carefully and verify that all of the following items are included:

- MXL TB1
- Windscreen

If any of these items are missing or damaged, contact the company from which you purchased the microphone.

### Power Requirement

The MXL TB1 requires 48V phantom power ( $\pm 4V$ ). If no sound is picked up by the microphone, make sure that the phantom power on your mixer or separate power supply is switched on.

Note: The TB1 is designed to be plugged directly into the mixer. It does not require the use of a cable.

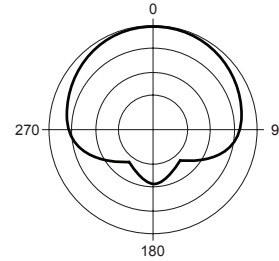
### Care

Dust and foreign material can reduce the performance of a microphone over time, so you should store the MXL TB1 in its box when not in use.

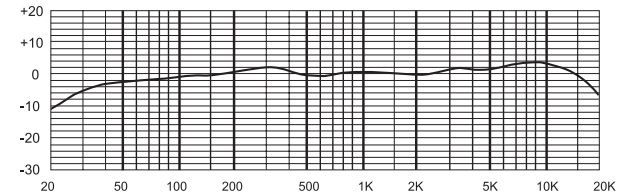
### Specifications

Type	Electret Condenser Microphone
Maximum Sound Input Level	120dB
Polar Pattern	Cardioid
Signal To Noise Ratio	75dB
Frequency Response	40 ~16000Hz
Sensitivity	10mV/Pa
Impedance	200 $\Omega$ (@1KHz)
Power Requirement	48V phantom power

### Polar Pattern



### Frequency Chart



### Warranty

MXL microphones are guaranteed against defects in materials and workmanship for one year from the date of purchase. If you encounter any problem with this unit, promptly contact the company from which you purchased it for assistance. The original dated sales receipt will be necessary for any warranty claim. Do not send any unit directly to us without prior authorization from our service department. Warranty coverage is limited to repair or replacement (at our option) of the microphone, and does not cover incidental damages due to use of this unit, nor damage caused by accidental misuse of this product.