



T501
T551

User's Manual

www.mic-w.com

5 MICROPHONE INSTALLATION

The T series have a M22x1 screw in the end. It fits shock mount available from the market. There are two holders of T-Series. The upper one is standard and the other is an optional from MicW

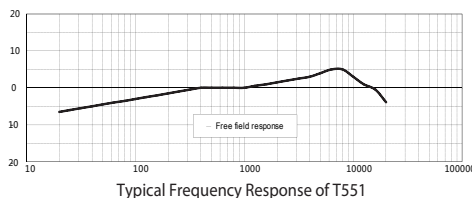
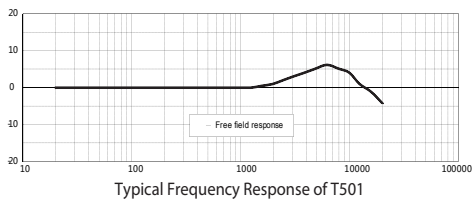


6 AUDIO CONNECTION

To connect the microphone to your equipment, use a balanced XLR microphone cable with the following pin assignment: Pin 1 = shielding, pin 2 = +, pin 3 = -. T series is a condenser type of mic, which needs 48V phantom power.

7 FREQUENCY RESPONSE

Each T Series microphone is individually calibrated. The frequency response and sensitivity are given in the calibration chart separately.



1 INTRODUCTION

Welcome to use MicW T series professional microphones!

The MicW T series use Titanium diaphragm technology and have outstanding characteristics that make the microphone a valuable tool in the studio and on the stage.

T501

The MicW T501 is an omni directional microphone that uses the large diaphragm capsule with the totally transparent preamplifier. The capsule is designed using copper housing and 5-micron-thick titanium diaphragm. The diaphragm tension is carefully adjusted during the manufacturing processing to ensure the frequency response from 20 Hz to 20 kHz with a 4-6 dB soft boost around 8 kHz. The T501 offers a totally transparent audio path with an exceptionally low noise floor of maximum 18 dB(A) and a SPL handling capability of 130 dB SPL peak.

T551

The MicW T551 is a Cardioid directional microphone with diaphragm diameter of 38mm (1.5 in). The capsule is designed using copper housing and 5-micron-thick titanium diaphragm. The diaphragm tension is carefully adjusted during the manufacturing processing to ensure the frequency response from 20 Hz to 20 kHz. The T551 is very unique microphone due to its Titanium diaphragm structures. Regardless of whether you are milking an entire ensemble or a single sound source (e.g. drums, piano or background vocals), this microphone lets you achieve outstanding spatial impressions in every recording session.

2 SAFETY INSTRUCTION

All T series microphones use pre-polarized capsules which were tested at high temperature and high humidity environment for more than 24 hours before the factory release. The microphones are very stable against temperature and humidity. It is safe to operate the microphones from 0 to 50 C and humidity up to 95%.

The microphone diaphragms are made from very thin metal sheet. It is very easy to damage if you touch the diaphragm by finger. Please do not try to clean the diaphragm. The dusts on the diaphragm will not change the performance of the microphone. If you touch the diaphragm, the performance of the microphone may change.

When you change the microphone grid, please make ensure that you are not touching the diaphragm.

3 POWER SUPPLY

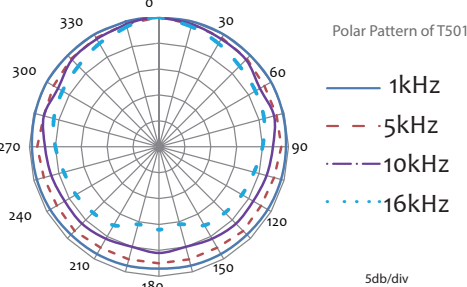
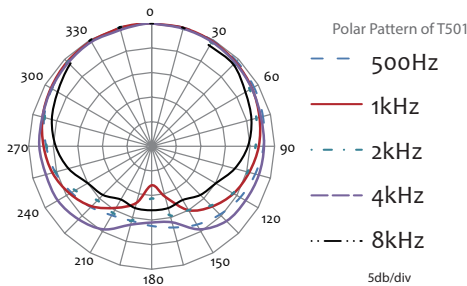
Phantom power (+48 V) is required to operate your microphone. We assume no liability for damage caused to your microphone through defective phantom power. Before activating phantom power, mute your playback system and connect it to the microphone input of your mixing console. After activating phantom power, the microphone requires several seconds to stabilize itself.

4 MATCHED MICROPHONE PAIR

The MicW T series is available in stereo kit. You can use MicW microphone-pair that feature two matched microphones as well. Each pair is guaranteed to the sensitivity match within 1.0 dB and phase match within 5°.

8 DIRECTIONAL CHARACTERISTIC

The MicW T501 Microphone with Omni polar pattern is most sensitive to sound coming from in each angle of the microphone.



10 SPECIFICATIONS

	T501	T551
Type	Pre-polarized Condenser	
Capsule diameter	38mm	
Polar pattern	Omni	cardioid
Sensitivity(±3dB)	40mV/Pa;	
Frequency response	20Hz~20kHz	
Power supply	48V Phantom Power	
Max. SPL(<1% THD)	135 dB	
Equ. noise level	<16 dBA	
Output impedance	<200 Ohm	
Length	163mm	
Weight	340g	
Connector	3-pin XLR	
What's in box	T501,PP591	T551,PP591



a member of **BSWA Technology Ltd.**
Unit 1003, North Ring Center,
No.18 Yumin Road, Xicheng District,
Beijing 100029, China
Phone: +86-10-51285118
Fax: +86-10-8225 1626
Email: sales@mic-w.com
Web: www.mic-w.com

9 WARRANTY POLICY

MicW Audio warrants that its Products will be free from defects in material and workmanship for for three(3) years from the date of purchase by the Original Purchaser.

10 CE MARKING

The MicW T501/T551 microphone conform with the relevant CE mark directives approved by the European commission



MicW microphones
Product features and specifications are subject to change without notice.