TEZAG

Omnidirectional Bluetooth Speakerphone

TZ-M300

Omnidirectional Pickup | 3m pickup distance | Full Duplex Audio | Bluetooth5.0 | Reverse charging

M300 is a portable USB omnidirectional microphone designed specifically for small conference rooms, individual offices of business professionals and mobile meetings during business trips. It can quickly connect to computers and smartphones via Bluetooth or USB, its built-in intelligent noise reduction algorithm effortlessly blocks environmental noise, allowing for easy and smooth meetings anytime, anywhere.

SPECIFICATIONS

▼ CONFERENCE ABILITY

Covered Area	150-300 sqf
Participants	6-12 People

▼ AUDIO FEATURES

Audio Feature	32K Sampling Rate, High-definition Broadband Audio, Full-duplex Voice
USB Protocol	UAC 2.0
Echo Cancellation	Support
Noise Suppression	Support
Automaticgain Control	Support

▼ INTERFACE

Wireless	Built-in Bluetooth 5.0; Support AVRCP, A2DP, HFP and SBC codec standard protocol
USB	USB data communication, audio input/ call
Audio Interface	AUX output, connect the speakers using a 3.5mm audio cable for music playback
Power Jack	Input: M300 device is powered by an external power source through the USB Type-C port. Output: M300 charges external devices such as smartphones through the USB Type-A port.
Button	Tactile button (with LED indicator for mute)

▼ GENERAL SPECIFICATION

Battery	Battery specification: 6500mAh Full charge time: 4 hours (5V/2A) Maximum charging current: 2A Call duration: 24 hours
Dimension	124m (W) × 124mm (D) × 32mm (H)
Weight	0.32 kg
Operating Temperature	0° C ~ 40° C
Storage Temperature	-40°C ~ 60°C

▼ MICROPHONE

Microphone Type	Omnidirectional microphone
Microphone Array	Internal four microphones forming acirular array
Pickup Distance	3m
Frequency Response	100Hz~8kHz
Signal-to-noise Ratio	65dB

▼ SPEAKERPHONE

Speakerphone Type	Full-range speaker
Sensitivity	0.5m 88 dB SPL
Power Consumption	Maximum Output Power: 5W Effective Power: 3W
Frequency Range	Call Mode: 150Hz ~ 8kHz; Music Mode: 20Hz ~ 20kHz
Volume	84dBA (1m)

FEATURES

▼ PLUG-AND-PLAY

The microphone can be quickly connected to computers and smartphones via Bluetooth or USB without the need for drivers or manual configuration. It is ready to use as soon as it's plugged in, making it convenient for meetings while on business trips.

▼ INTELLIGENT CONNECTIVITY

The microphone can be paired with two external devices via Bluetooth. It can also simultaneously handle mixed meetings with devices connected via Bluetooth and USB.

▼ 360° OMNIDIRECTIONAL PICKUP

It features a built-in circular array consisting of four groups of high signal-to-noise ratio microphones, enabling 360° omnidirectional audio pickup that covers conference room spaces of 15-30 square meters.

▼ 5m EFFECTIVE PICKUP RANGE

Equipped with full-duplex audio technology, as well as noise reduction, echo cancellation and automatic gain algorithms, the microphone ensures clearer audio pickup and balanced volume levels.

▼ BLUETOOTH 5.0 TRANSMISSION

Compared to Bluetooth 4.0, Bluetooth 5.0 offers twice the transmission speed and four times the transmission distance, achieving high-quality audio signal transmission.

▼ LARGE BATTERY CAPACITY

It has a built-in 6500mAh high-capacity battery for longer battery life.

▼ SUPPORT FOR REVERSE CHARGING

It supports emergency reverse charging of devices such as smartphones via USB, with multiple circuit protections for enhanced safety.

▼ BAR-SHAPED INDICATOR LIGHTS

It is equipped with a bar-shaped RGB indicator light that uses various colors to display the current battery level, volume, incoming calls, mute status and other working states, making it easy for users to identify the device's status.

INTERFACE

1 —— USB
2 —— AUX OUT
3 —— Power Jack