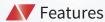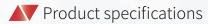# M300
Speaker Phone

USB / Bluetooth / Plug and Play / 6500mAh battery

◣ Features

● Applicable scenarios: personal office for business people, small meeting rooms, carry-on travel, etc.

● Plug and play: Portable USB omnidirectional microphone (SpeakerPhone), which can be quickly connected to a computer or mobile phone to join a conference via Bluetooth or USB, simple and convenient, plug and play.

● Smart connection: It can connect and pair with 2 Bluetooth-enabled devices at the same time. A device connected to the M300 via Bluetooth can conduct a hybrid conference with another device connected to the M300 via USB.

● Microphone array: Built-in four-microphone array, 360 ° omnidirectional pickup, full-duplex audio technology, can better pick up and call at a long distance, more accurate listening position, intelligent noise reduction, automatic gain, echo cancellation.

● Using Bluetooth 5.0 technology, compared with the previous generation technology, the transmission rate is increased by 2 times, and the transmission distance is increased by 4 times. It is better to transmit high-quality audio wirelessly with mobile phones/tablet devices to achieve wireless Bluetooth streaming.

● It supports emergency power failure of mobile phones and other devices via USB, reverse charging, multiple circuit protection, and energy at your fingertips.

● Built-in 6500mAh high-capacity battery, continuous energy, full of vitality at any time, long-lasting battery life, endless, wonderful all day.

● The bar-shaped RGB indicator light, with a variety of colors, allows users to easily identify the current power, volume, incoming call, and mute of the product, and the operation is convenient and simple.

● The appearance is small and exquisite, and it can be easily put in a pocket for easy carrying.

◣ Product specifications

▌Meeting ability

Covered area	15-30 ㎡
Number of people	6-12 人

▌Microphone

Types of	Omnidirectional microphone
Microphone array	Built-in four omnidirectional microphones form a ring array, 360° omnidirectional pickup;
Pickup distance	The best pickup distance is 3 meters, and the effective pickup distance is 5 meters;
Frequency response	100Hz~8kHz
Signal to noise ratio	65dB

▌Speaker

Types of	Full range speaker
Sensitivity	88 dB SPL at 0.5 m
power	Maximum output power: 5W; Effective power: 3W;
Frequency Range	Talk mode: 150Hz ~ 8kHz; Music mode: 20Hz ~ 20kHz;
volume	84dBA (1m distance)

▌Audio

Audio characteristics	32K sampling rate, high-definition broadband audio, full-duplex voice;
USB protocol	Support UAC2.0;
Echo cancellation	support
Noise suppression	support
Gain control	support

▌Other specifications

battery	Battery specification: 6500mAh; Full charge time: 4 hours (5V/2A); Maximum charging current: 2A;
size	124m * 124mm * 32mm
weight	0.32 kg
Operating temperature	0° C ~ 40° C
storage temperature	-40° C ~ 60° C

▌Interface

wireless	Built-in Bluetooth data communication (Bluetooth 5.0); Support AVRCP, A2DP, HFP and SBC codec and other standard protocols;
USB	USB data communication, audio input/call
Audio	AUX output, connect the speaker with 3.5mm audio cable for music playback;
power supply	(1) Input: USB Type-C interface, the external power supply supplies power to the M300 device through the USB Type-C interface; (2) Output: USB Type-A interface, M300 charges mobile phones and other peripherals through the USB Type-A interface;
button	Touch the button (mute button with light indication);