



RAPOO-R-PLM-064

CM500
Product Information

Rev: A.1

Product Name	Omnidirectional SpeakerPhone		
Orientation	High Level	Planned time to market	Dec-21
Features			
1	Microphone array, intelligent noise reduction Built-in four-microphone array, 360° omnidirectional pickup, and full-duplex audio technology for better long-distance pickup and call, more accurate listening and positioning, intelligent noise reduction, automatic gain and echo cancellation.		
2	Various ways of connection and good compatibility Can be paired with 2 Bluetooth-enabled devices at the same time. Hybrid conference can be held via Bluetooth and USB connections.		
3	Bluetooth 5.0 With BT5.0 technology, the transmission rate is doubled and the transmission distance is increased by 4 times compared with the previous generation of technology, thus better transmitting high quality audio to cell phone / tablet devices via wireless network, realizing wireless Bluetooth stream media.		
4	Built-in high-capacity battery supporting reverse charging Built-in 6500mAh high-capacity battery, ultra-fast flash charging, long battery life; it supports reverse charging of mobile phones and other devices via USB in case of power failure, and has multiple circuit protections.		
5	Indicators for easy identification The bar-shaped RGB indicator of multiple colors allows users to easily identify the current power, volume, incoming calls, mute and other working status, realizing easy and simple operation.		
6	Plug and play, easy to carry With the easy to carry plug and play characteristics, it can be quickly connected to computers, cell phones and other devices via Bluetooth or USB. It has a small and exquisite appearance and can be easily put in your pocket, making it very convenient to carry around.		
Charging Base specification			
Product dimension (W×H mm)	124*124*32mm	Package dimension (L×W×H mm)	188*158*58mm
(Carton) Carton Dimensions (Length×width×Height mm)	325*340*400mm	Packing quantity(Pcs)	20
Product weight(g)	0.33KG	Packing weight (g)	0.7KG
Material	PC/ABS		
Meeting capacity			
Covering area	15-30 SQM	Number of participants	6-12 attendees
Connection method	USB 2.0, Bluetooth		
Microphone			
Microphone type	Omnidirectional microphone	Microphone array	A circular array of built-in four omnidirectional microphones,360°pick-up
Pickup distance	6 meters	Frequency response	100Hz~8kHz
SNR	65dB		
Reproducer			
Reproducer type	Full frequency reproducer	Sensitivity	88 dB SPL (in the range of 0.5m)
Rate of power	Max output 5W, effective 3W	Frequency range	Call mode: 150Hz ~ 8kHz;Music mode: 150Hz ~ 16kHz
Volume	84dBA (in the range of 1m)		
Audio frequency			
Audio features	32K Sampling rate, HD broadband audio, full duplex audio		
USB protocol	UAC 2.0		
Echo cancellation	Support		
Noise suppression	Support		
Gain control	Support		
Connection mode			
Wireless	Built-in Bluetooth data communication(Bluetooth 5.0); Support AVRCP,A2DP,HFP and SBC CODEC etc protocols.		
USB	USB data communication, audio input/ call		
Audio	AUX output,Connect to speaker through 3.5mm audio cable for music playback		
Power	(1) Input: USB Type-C interface; External power supply supplies power to M300 device through USB Type-C interface; (2) Output: USB Type-A interface. M300 charges peripherals such as mobile phones through USB Type-A interface;		
Button	Touch the button (mute button with light indicator)		
Environment condition			
Rechargeable battery	Battery specification: 6500mAh; Full charge time: 4 hours (5V/2A); Maximum charging current: 2A; Duration: 24 hours;		
Working environment	<ul style="list-style-type: none"> • Temperature: 0°C ~ 40°C (working state), -40°C ~ 60°C (non-working state) • Relative humidity: 45% ~ 90% (working state), 30% ~ 90% (non-working state) 		
Certification	CCC, CE, RoHS, FCC		
colour	silver		
Others			
System Requirements	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android		
Package contents	Omnidirectional microphone ,USB cable,Quick start guide		
Warranty	One-year warranty		
Remark	/		



*All product outward appearance, the color take the material object as, the picture only supply the reference.

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