D7705

Wireless Cascading Omnidirectional Microphone

Description

The device is a wireless cascading omnidirectional microphone that supports wireless, Bluetooth, and USB connections, making it suitable for a variety of scenarios, particularly for offices and small to medium-sized conference rooms.

It offers excellent wireless cascading functionality. A single device is ideal for small meeting rooms or offices, providing three connection options: wireless communication via a Bluetooth adapter, Bluetooth, and USB communication. Two devices can be freely paired and wirelessly cascaded anytime and anywhere, meeting the needs of medium-sized conference rooms or group discussion settings after cascading. If the user purchases a set of two devices that are cascaded, they can be used separately in two different meeting rooms.

The device integrates advanced wireless technology, featuring minimal latency, with a connection range between two devices of up to 10 meters. The voice quality of cascaded devices surpasses that of competing products with longer latency.

Additionally, the device is equipped with AI noise reduction, which effectively eliminates unwanted environmental noise and interference such as keyboard typing, page flipping, hissing, buzzing, wind noise, and clicking sounds.

It also incorporates AI dereverberation technology, effectively removing echo and muffled sounds in rooms, making it suitable for use even in glass-walled rooms, ensuring clear and natural sound.

In conclusion, the device is highly versatile, easy to position and set up, and with its flexible wireless cascading, it offers excellent long-term value.
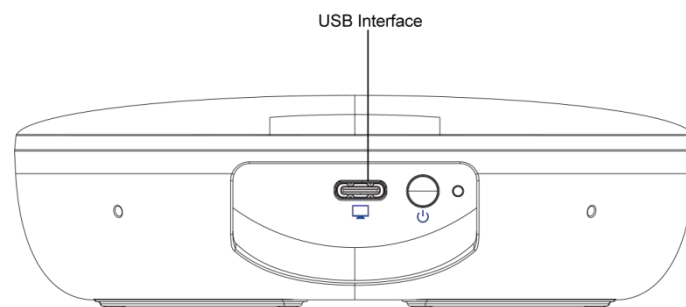
Features

- Integrate full-duplex echo cancellation, intelligent noise suppression, intelligent dereverberation, automatic gain control, and other voice processing technologies.
- Support wireless cascading of two devices anytime and anywhere, with extremely low wireless signal latency, ensuring complete synchronization of audio signals between the two devices and excellent sound quality without reverberation.
- Equipped with a four-microphone array and 360° omnidirectional voice pickup, with an optimal coverage range of 3 meters.
- The wireless cascading distance extends to over 10 meters, suitable for small to medium-sized conference rooms.
- Support wireless connection to a computer via a Bluetooth adapter, with no cables required, and Bluetooth reception distance of up to 10 meters.
- Support USB communication, compatible with video conferencing terminals and multimedia communication terminals.
- Support Bluetooth devices, allowing pairing with a smartphone for easy telephone conferencing anytime and anywhere.
- Include a built-in battery providing up to 4 hours of continuous operation and 160 days of standby time.
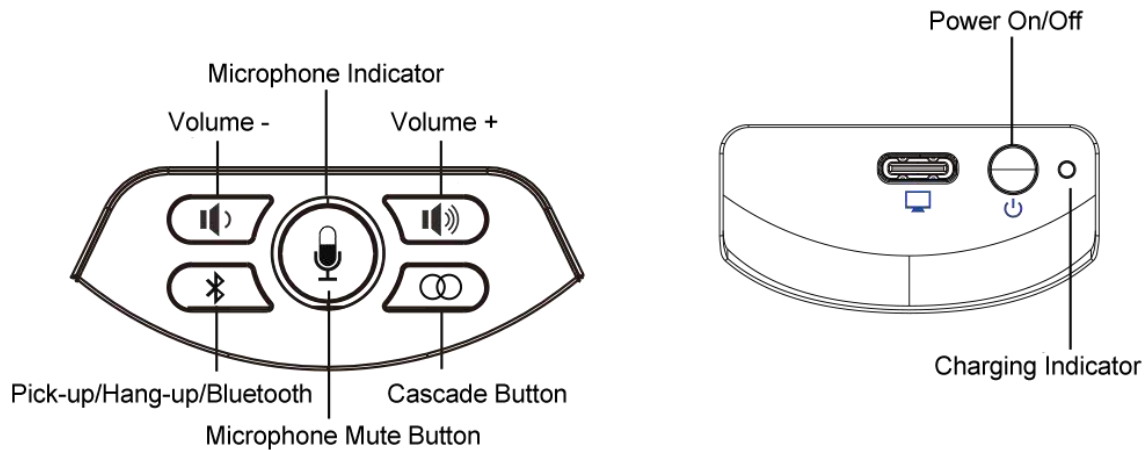
Specifications

Model	D7705
Voice Technical Specifications	Deep echo cancellation Dynamic noise suppression Automatic gain control technology
Audio Specifications	Microphone frequency response: 100Hz-7KHz Speaker signal frequency response: 100Hz-22KHz Microphone pickup range: Optimal pickup at 3m, 360° full range Reverb time: <256 ms Noise level: <-48dBA
Support System	Windows7/Windows8/Windows10, Mac OSX, Android, iOS, Linux

Front / Rear Panel

Interface Description

USB Interface

Button / Indicator Description

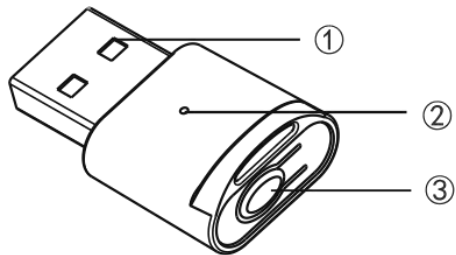|		
🔊 🔊	Volume Buttons	Increase/decrease volume.
⦾	Cascade Button	Press and hold to enable cascading and switch to slave mode.
✳	Off-hook/On-hook Button / Bleutooth Button	Short press to answer/end calls; press and hold to turn on/off Bluetooth.
🎤	Microphone Mute Button	Turn the microphone mute on/off.
⏻	Power Button	Press and hold for 3 seconds to turn the device on/off.
Microphone Status Indicator	Ring indicator light: When working normally, the white indicator light stays on; when the microphone is muted, the red indicator light stays on; when both the speaker and microphone are muted, the red and white indicator lights flash.	
Volume Status Indicator	The ring status indicator light changes with the volume level.	
Charging / Battery Status Indicator	When the battery is charging, the green indicator light is on; when the battery is fully charged, the indicator light is off; when the battery is low, the red indicator light is on.	
Bluetooth Indicator	When Bluetooth is pairing, the blue indicator light flashes; when pairing is successful, the blue indicator light stays on.	
Cascade Indicator	In the cascading connection state, the master device indicator light is steady white, while the slave device indicator light is steady orange.	

1. Bluetooth connection instructions: Press and hold the "✳" button to enter Bluetooth pairing mode, indicated by the flashing blue indicator light. Turn on the Bluetooth function on your phone, search for the corresponding Bluetooth name to pair. Once pairing is successful, the blue indicator light will stay on. Press and hold the "✳" button again to turn off the Bluetooth function (for instructions on connecting with a Bluetooth adapter, see the Bluetooth adapter description).

2. Power on/off instructions: Press and hold the "⏻" button to turn on the master device; press and hold the "⏻" button again to turn it off; Additionally, when connected to a computer via USB, the master device

will automatically power on. When the master device is not connected to any devices, it will power off after 3 minutes.

Bluetooth Adapter Description (Optional)

① USB Power and Audio Connector
② Device LED Indicator
③ Device Operation Button

LED Status Description:

Device LED Indicators	Fast Flashing (flashing once every 300ms)	Device search and pairing status
	Slow Flashing (flashing once every 1s)	Successfully connected

Button Description:

Device Operation Button	Press and hold for 5 seconds	Clear pairing records

Bluetooth pairing: Insert the adapter into the conference device, which will automatically enter pairing mode with a fast-flashing indicator light. Turn on the omnidirectional microphone's Bluetooth function. Once paired successfully, the indicator light will switch to slow flashing.