

## D7710

### Omnidirectional Microphone



#### Description

Powered by Tencent Tianlai Inside AI audio technology, the D7710 is designed for business meetings, remote collaboration, and acoustically challenging environments, integrating advanced AI algorithms with precision acoustic engineering to deliver clear and reliable conference audio performance. Built on Tencent Tianlai Inside technology and an AI-driven audio processing system, it helps improve speech clarity in complex spaces such as glass meeting rooms with echo issues, while also enhancing communication efficiency in hybrid meetings. With intelligent audio processing, stable performance, and a refined design, the D7710 provides clear voice pickup and natural sound reproduction, making it a practical audio solution within the Tencent Meeting ecosystem.

#### Features

- Integrates full-duplex acoustic echo cancellation, intelligent noise suppression, AI dereverberation, automatic gain control (AGC), and other advanced voice processing technologies.
- AI dereverberation technology effectively eliminates echo and reverberation, delivering clear and natural voice reproduction in offices, meeting rooms, glass rooms, hotel rooms, and other acoustically challenging environments.
- Equipped with AI noise reduction technology that effectively suppresses unwanted ambient noise and

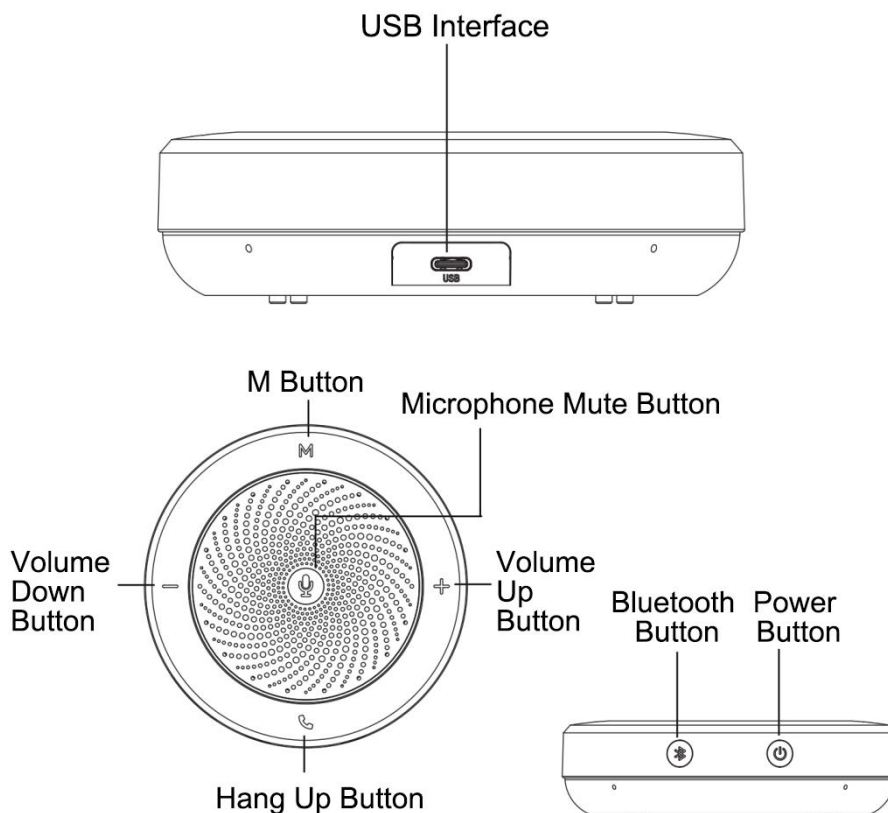
interference, including keyboard typing, page-turning, hissing, humming, wind noise, clicking sounds, and more, capable of reducing over 300 types of noise and disturbances.







- Built-in four high-definition MEMS microphones with an optimal voice pickup range of up to 5 meters.
- Supports wireless computer connection via Bluetooth adapter, eliminating the need for cables, with a Bluetooth reception range of up to 10 meters.
- Supports USB communication.
- Compatible with mainstream video conferencing platforms, including Tencent Meeting, enabling one-touch meeting join and exit functions, as well as convenient meeting control through physical buttons.
- Supports Bluetooth devices and can pair with smartphones for flexible and convenient conference calls anytime, anywhere.
- Built-in 5200mAh battery (2×2600mAh), providing up to 8 hours of continuous operation with extended standby time.
- Comprehensive button controls include volume up/down, microphone mute, Bluetooth, hang-up, M button, and power button (power-off mode also serves as shipping mode).
- LED indicators include working status indicator, volume/battery level indicator, microphone mute indicator, Bluetooth indicator, and charging status indicator.

## Specifications

Model		D7710
Voice Technology Parameters	Bi-directional Noise Compression (NC)	Support
	Automatic Gain Control (AGC)	Support
	AI Noise Reduction	Support
	AI Dereverberation	Support
	AI Voice Pickup	Support
Audio Parameters	Microphone Frequency Response	100Hz-22kHz
	Speaker Frequency Response	100Hz-22kHz
	Microphone Type	High-definition MEMS Microphone
	Microphone Quantity	4 Units
	Pickup Distance	360° Omnidirectional Pickup, Up to 5 m Clear Pickup
	Bluetooth Connectivity	Support
	Bluetooth Receiving Distance	10m
Microphone/Speaker Sampling Rate	48kHz	
Power Supply	AC100-240V, 50-60Hz, 5V 1A	
Operating Temperature	0°C-50°C (Operating)	
Humidity	20%-85%	

## Interface Description



	Microphone Mute Button	Turn Microphone Mute On/Off
	M Button	In Tencent Meeting mode, short press to quickly start a Tencent Meeting.
	Volume Up / Down Button	Increase/Decrease Speaker Volume
	Hang Up Button	Short press to exit Tencent Meeting / end the call.
	Bluetooth Button	Turn Bluetooth On/Off
	Power Button	<ol style="list-style-type: none"> <li>1. Tap to check the current battery level; press and hold for 3 seconds to power the device on/off. Powering off activates Shipping Mode.</li> <li>2. When USB is connected, the device powers on automatically and exits Shipping Mode.</li> <li>3. When no connection is available (Bluetooth/USB), the device powers off automatically after 3 minutes.</li> </ol>