



LCS-2883A

Omnidirectional Microphone

The LCS-2883A is an omnidirectional microphone that suitable for conference rooms of 15-40 square meters.

Noise
Reduction

Built-in
AGC

MAIN FEATURES

▲ Ultra-Depth Full-Duplex Echo Cancellation Technology

Equipped with advanced full-duplex echo cancellation (AEC technology), it achieves an echo cancellation depth of over 65dB, precisely identifying and suppressing echo interference in conference environments. Even in open spaces or acoustically complex scenarios, it ensures bidirectional voice communication remains pure and delay-free, restoring the clarity of face-to-face communication.

▲ Dual-Directional Dynamic Noise Compression Technology

With 18dB dual-directional noise compression (NC function), it intelligently filters background noise (e.g., air conditioning, keyboard typing) while preserving the purity of the voice frequency band. Whether in quiet small conference rooms or noisy open offices, it dynamically optimizes sound quality and enhances speech intelligibility.

▲ Intelligent Audio Adaptive Adjustment Technology

Integrates microphone auto-steering technology (EMI) and automatic gain control (AGC):

EMI technology automatically identifies the speaker's direction, enhancing the target sound source while weakening surrounding interference;

AGC technology dynamically balances volume to prevent distant voices from being too soft or close-range pickup from clipping, ensuring stable and natural voice output across all scenarios.

▲ 4m 360° Omnidirectional Pickup Coverage

The built-in 360° omnidirectional pickup microphone has a pickup radius of 4 meters, capturing sound from all directions without the need to speak close to the device. It adapts to conference rooms ranging from 15-40 square meters. The Blind Spot - free pickup design ensures every participant's voice is clearly recorded, making it ideal for roundtable discussions or multi-person collaboration scenarios.

SPECIFICATION

INTERFACES

Power Supply:	DIN6 connector + USB socket
USB Interface:	1xUSB3.0 Type B
RJ9 Ports:	2xRJ9 expansion microphone interfaces
Analog Audio:	1x3.5mm audio interface

AUDIO PARAMETERS

Microphone Frequency Response:	100Hz–22kHz
Speaker Frequency Response:	100Hz–22kHz
Microphone Pickup Range:	4m (360° omnidirectional)
Maximum Speaker Volume:	90dB

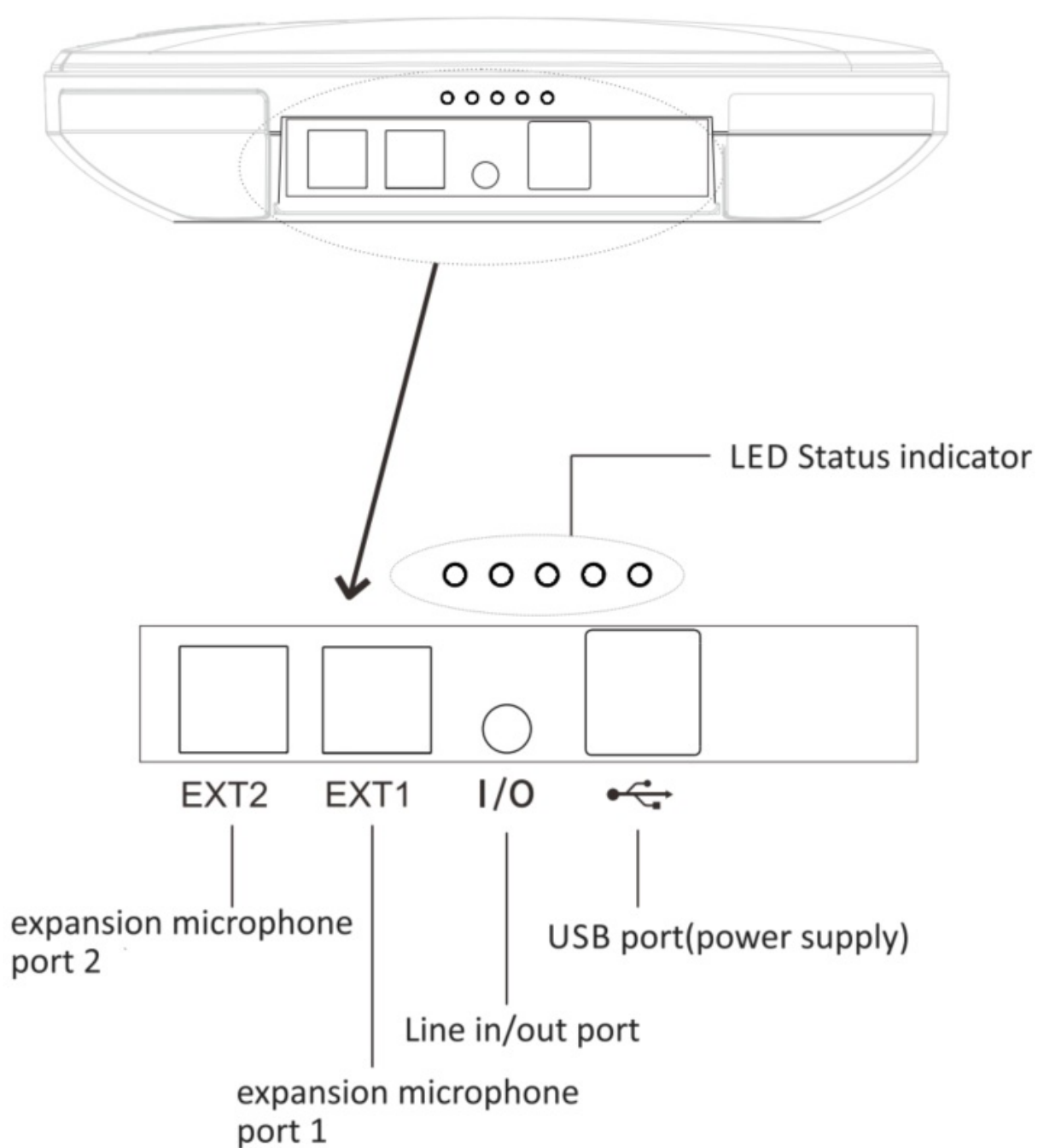
AUDIO PARAMETERS

Deep Echo Cancellation (AEC):	>65dB
Echo Cancellation Length:	≥500ms
Intelligent Microphone Auto-Steering Technology (EMI)	
Automatic Gain Control Technology (AGC)	

ACCESSORIES

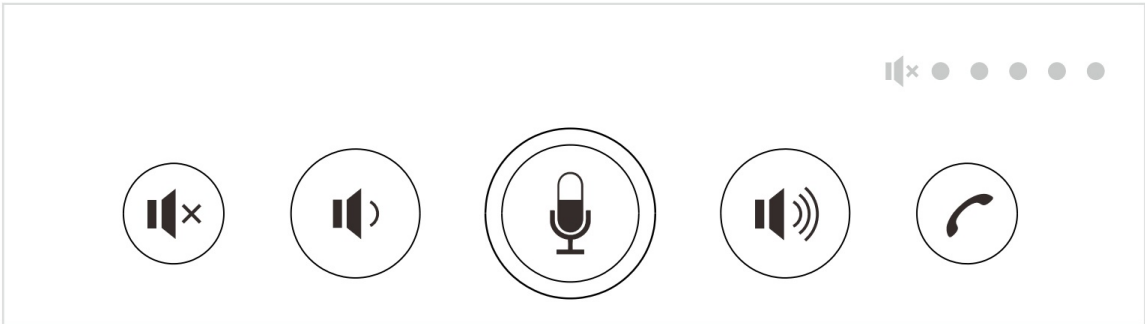
1×Omnidirectional Microphone;
1×USB Cable (Type B);
1×Phone Headphone Cable (3.5mm Audio Cable);
1×USB Power Supply (DC5V/2A);
1×Quick Installation Guide;
1×Certificate of quality and warranty card

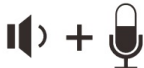
INTERFACE INTRODUCTION



KEYPAD INTRODUCTION

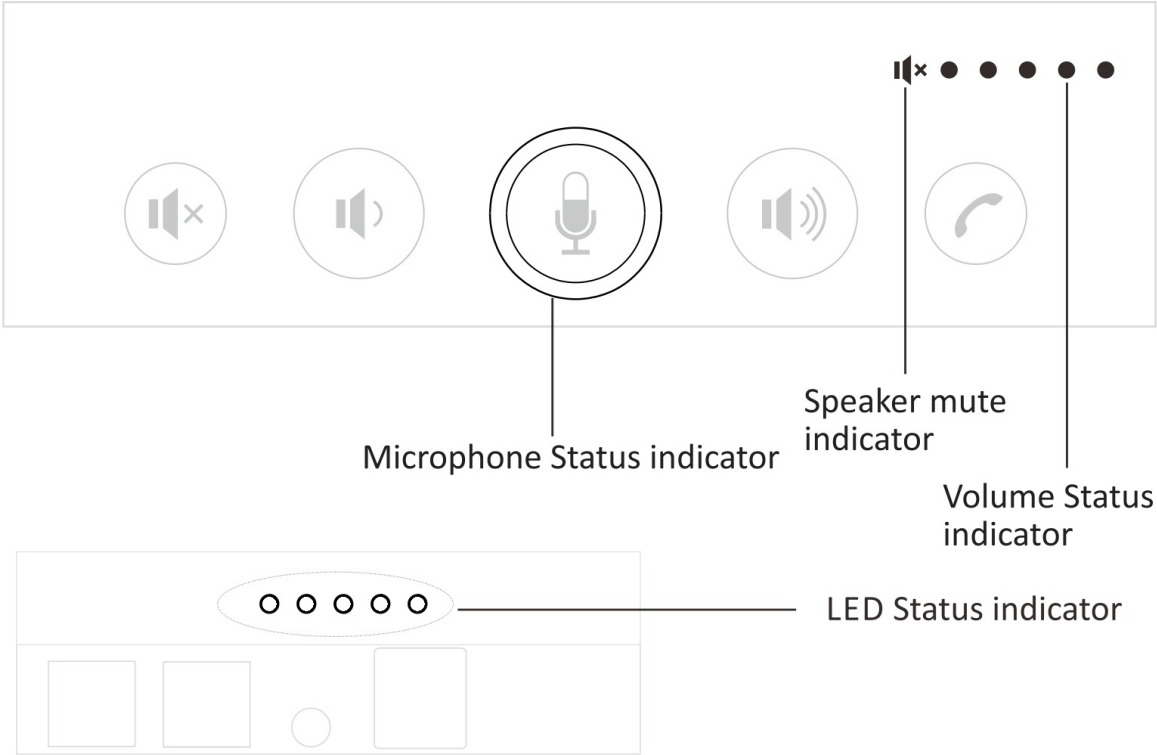
[Standard Mode Keypad]



	Volume button	Press the Volume down/up button, The Status LED shows the current volume
	Speaker Mute	Short press turn on/off Speaker Mute button
	Answer/End calls	Press the Answer/End calls button
	Mute Microphone	Turn on/off Mute Microphone button
	PC Mode	Press the volume up button and microphone mute button at the same time for 4 seconds to enter PC mode and the working status light will flash green three times
	Mobile Mode	Press the volume down button and microphone mute button at the same time for 4 seconds to enter the mobile mode and the working status light will flash green two times
	Eco cancellation Mode	Press the answer/end calls button and microphone mute button at the same time for 4 seconds to enter/exit echo cancellation mode, enter the echo cancellation mode the blue light of the working status lamp will flash blue three times and exit flashes two times

KEYPAD INTRODUCTION

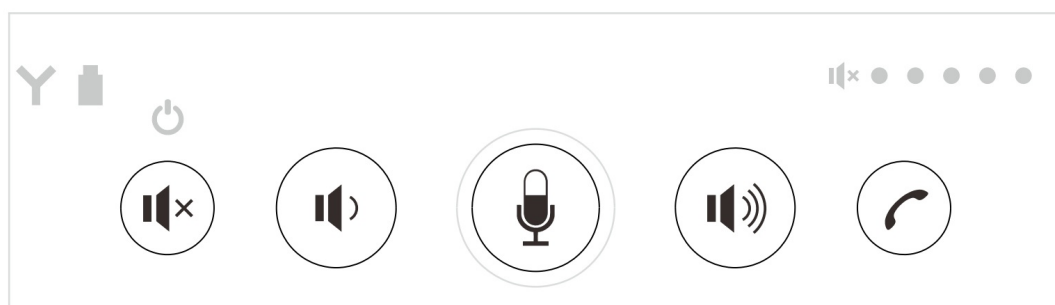
[Standard Mode LED Status Indicator]

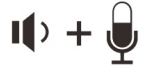


Microphone Status indicator	Red light on	Microphone mute status
	Green light on	Exit Microphone mute status
Speaker mute indicator	Red light on	Speaker mute status
Volume Status indicator	Green light on	Current Volume status
LED Status indicator	Blue light on	USB connection
	Red light on	Microphone mute status

KEYPAD INTRODUCTION

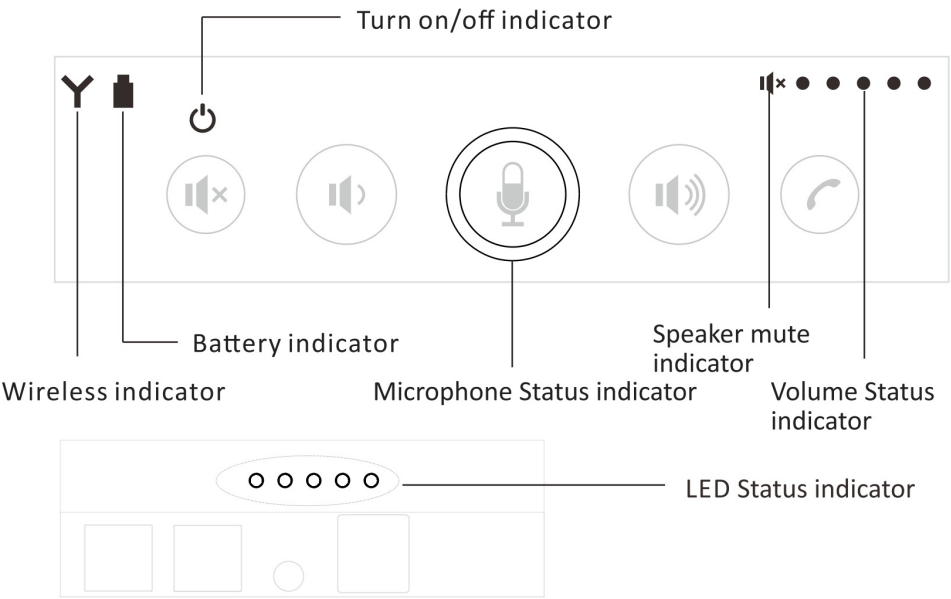
[Wireless Mode Keypad]



	Volume button	Press the Volume down/up button, The Status LED shows the current volume
	Speaker Mute	Short press to turn on/off Speaker Mute, long press 3 seconds to turn the power on/off
	Answer/End calls	Press the Answer/End calls button
	Mute Microphone	Turn on/off Mute Microphone button
	PC MODE	Press the volume up button and microphone mute button at the same time for 4 seconds to enter PC mode and the working status light will flash green three times
	Mobile Mode	Press the volume down button and microphone mute button at the same time for 4 seconds to enter the mobile mode and the working status light will flash green two times
	Eco cancellation Mode	Press the answer/end calls button and microphone mute button at the same time for 4 seconds to enter/exit echo cancellation mode, enter the echo cancellation mode the blue light of the working status lamp will flash blue three times and exit flashes two times

KEYPAD INTRODUCTION

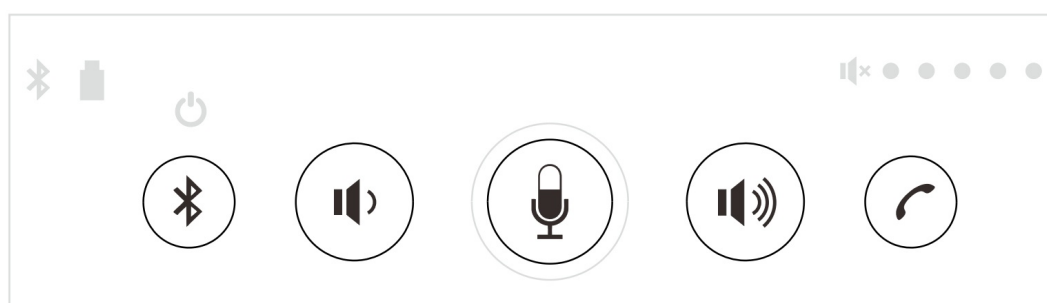
[Wireless Mode LED Indicator]

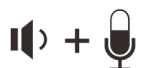


LED Status indicator	Blue light on	USB connection
	Red light on	Microphone mute status
Speaker mute indicator	Red light on	Speaker mute status
Volume Status indicator	Green light on	Current Volume status
Wireless Indicator	Green light off	Wireless disconnection
	Green light always on	Wireless connection
Battery indicator	Red light on	Low battery
	Green light flashing	The battery is charging
	Light off	Full battery
Microphone Status indicator	Red light on	Microphone mute status
	Green light on	Exit Microphone mute status

KEYPAD INTRODUCTION

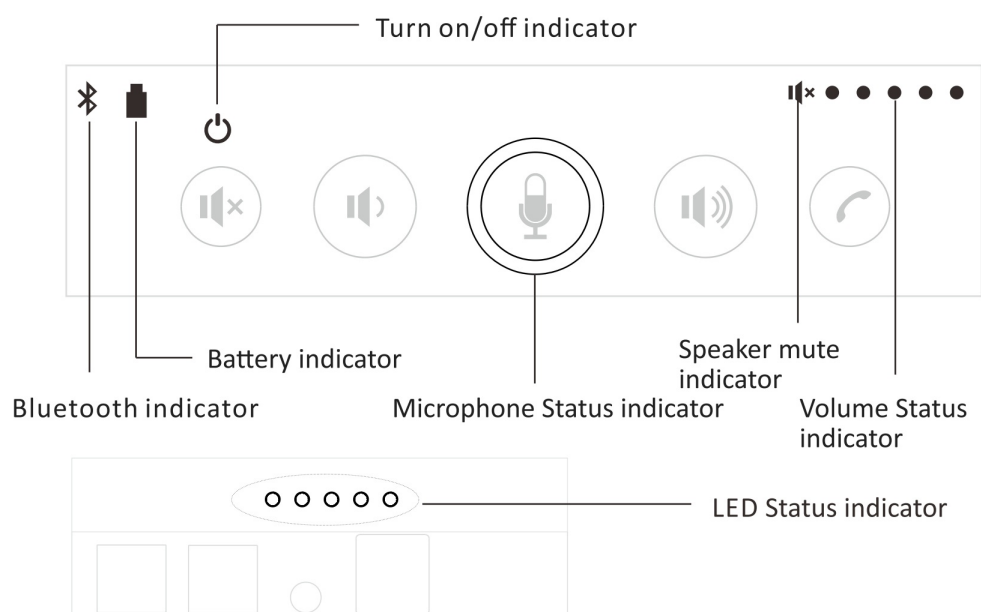
[Bluetooth Mode Keypad]



	Volume button	Press the Volume down/up button, The Status LED shows the current volume
	Bluetooth button	Short press to Turn on/off Bluetooth, long press 3 seconds to turn the power on/off
	Answer/End calls	Press the Answer/End calls button
	Mute Microphone	Turn on/off Mute Microphone button
	PC Mode	Press the volume up button and microphone mute button at the same time for 4 seconds to enter PC mode and the working status light will flash green three times
	Mobile Mode	Press the volume down button and microphone mute button at the same time for 4 seconds to enter the mobile mode and the working status light will flash green two times
	Eco cancellation Mode	Press the answer/end calls button and microphone mute button at the same time for 4 seconds to enter/exit echo cancellation mode, enter the echo cancellation mode the blue light of the working status lamp will flash blue three times and exit flashes two times

KEYPAD INTRODUCTION

[Bluetooth Mode LED Indicator]



LED Status indicator	Blue light on	USB connection
	Red light on	Microphone mute status
Speaker mute indicator	Red light on	Speaker mute status
Volume Status indicator	Green light on	Current Volume status
Bluetooth Indicator	Green light flashing	Bluetooth pairing
	Green light always on	Bluetooth connection
Battery indicator	Red light on	Low battery
	Green light flashing	The battery is charging
	Light off	Full battery
Microphone Status indicator	Red light on	Microphone mute status
	Green light on	Exit Microphone mute status

SPEAKERPHONE TUTORIAL

[Connection Steps for USB]

Step 1: You can connect the power supply equipment with the original power adapter (Wireless/Bluetooth Speakerphone equip) or connect one end of the UsB cable to the USB port of the PC and video conference system, and connect the other end to the speakerphone.

Step 2: Turn on the power button after the connection was confirmed correct. And wait for the speakerphone self-check completed.

Step 3: It will take a few seconds to install the driver automatically for the first setup. Turn on the terminal. Third-party conference software, and select the microphone and speaker driver to start the audio and video conference with the device.

[Common reference Settings for PC and video devices with USB talking mode]

- ① Please adjust the volume of horns and microphones comprehensively to ensure the communication is clear and smooth.
- ② Don't turn on the speaker and microphone automatic gain.
- ③ Give priority to turning off the audio processing functions of the PC software/video software (such as turning off automatic gain, echo cancellation, noise , reduction etc.
- ④ Please use those speeches coding that has a higher sound quality as far as possible.

[Connecting PC via Wireless (Wireless Speakerphone apply)]

- ① Please adjust the volume of horns and microphones comprehensively to ensure the communication is clear and smooth.
- ② Don't turn on the speaker and microphone automatic gain.
- ③ Give priority to turning off the audio processing functions of the PC software/video software (such as turning off automatic gain, echo cancellation, noise , reduction etc.
- ④ Please use those speeches coding that has a higher sound quality as far as possible.

[Bluetooth pairing (Bluetooth Speakerphone apply)]

Once paired with a Bluetooth device, you can use the speakerphone for audio call. To pair your Bluetooth device with the speakerphone, follow steps below:

Step 1: Press and hold the "  " button until the Bluetooth Indicator flashes green light. The speakerphone is under Bluetooth pairing mode.

Step 2: Turn on the Bluetooth function of the mobile phone and click search.

Step 3: Search with your Bluetooth device and connect.

Step 4: When the Bluetooth was set up, the Bluetooth indicator will keep lighting on. Then you can use the speakerphone for audio call.

Step 5: Press the "  " button to turn off Bluetooth.

SPEAKERPHONE TUTORIAL

[In/Out Connection]

Use a 3.5mm 4-strand cable to connect your phone or PC device to the "I/O" port of the speakerphone.

If the device connection port is a 3.5mm 3-strand port, you need a transfer adapter for connecting. Insert audio transfer plug into the "I/O" port of Speakerphone.

Connect the microphone port and speaker port of Audio Transfer plug to the IN/OUT port of the PC or video conferencing system with two 3.5mm 3-strand cable.

Note: Please set the phone LINE IN/OUT mode to "PC Mode" when the device is PC or video devices.
Or set the phone LINE IN/OUT mode to "Mobile Mode" while connecting a smartphone.

