

## BALILA CM900

# BALILA CM900 Conference Speakerphone User Manual

Model: CM900

[Overview](#)

[What's Included](#)

[Product Diagram](#)

[Setup](#)

[Operation](#)

[Features](#)

[Specifications](#)

[Maintenance](#)

[Troubleshooting](#)

[Warranty & Support](#)

## 1. OVERVIEW

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The BALILA CM900 Conference Speakerphone is designed to provide clear and efficient audio communication for meetings and calls. Featuring 4 AI omnidirectional microphones with 360° voice pickup up to 20 feet (7 meters), advanced noise reduction, and versatile connectivity options (USB-C and Bluetooth 5.3), this device is suitable for small to mid-sized meeting rooms and home offices. It ensures high-quality audio for up to 16 participants and is compatible with major conferencing platforms.

# 4 AI Mics

## 360°Voice Pick-Up

Pick up Voice up to 20ft with our advanced audio tech



Figure 1: BALILA CM900 Conference Speakerphone

## 2. WHAT'S INCLUDED

Please check the package contents to ensure all items are present:

- 1x BALILA CM900 Speakerphone
- 1x USB-C to USB Cable
- 1x USB-A Adapter
- 1x User Manual

Video 1: BALILA CM900 Conference Speaker and Microphone overview. This video demonstrates the physical product and its included accessories.

## 3. PRODUCT DIAGRAM AND CONTROLS

Familiarize yourself with the buttons and ports on your CM900 speakerphone:

# User-Friendly



Figure 2: Diagram illustrating the user-friendly controls and ports of the BALILA CM900 speakerphone.

- **Power Button:** Press and hold to turn the device on or off.
- **Mute/Unmute Button:** Press to mute or unmute the microphones.
- **Volume - Button:** Press to decrease the speaker volume.
- **Volume + Button:** Press to increase the speaker volume.
- **Bluetooth Button:** Press to enter Bluetooth pairing mode.
- **Phone Button:** Used for call management (answer/end calls).
- **USB-C Port:** For charging and wired connection to a computer.

## 4. SETUP

### 4.1 Charging the Device

Before first use, fully charge your CM900 speakerphone. A full charge takes approximately 3 hours and provides over 12 hours of talk time.

1. Connect the provided USB-C to USB cable to the USB-C port on the speakerphone.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer's USB port.

3. The indicator light will show charging status and turn off when fully charged.

## 4.2 Connecting via Bluetooth

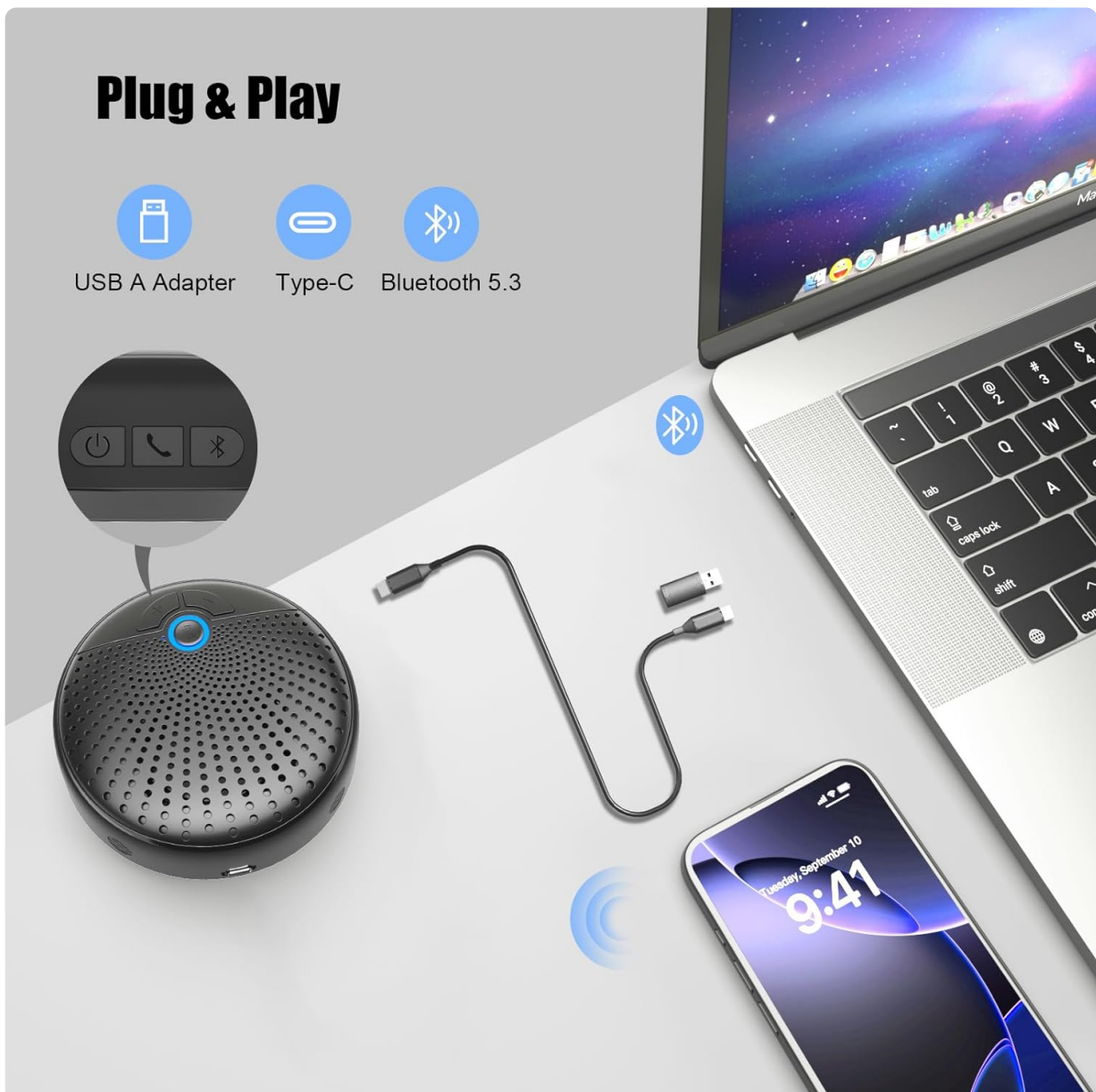
The CM900 supports Bluetooth 5.3 for wireless connection up to 66 feet (20 meters).

1. Press and hold the Power button to turn on the speakerphone. It will announce "Power on, Bluetooth mode" and the Bluetooth indicator will flash blue.
2. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
3. Select "BALILA CM900" from the list of devices.
4. Once connected, the speakerphone will announce "Bluetooth connected" and the indicator light will turn solid blue.

## 4.3 Connecting via USB-C

For a wired connection, use the provided USB-C to USB cable.

1. Connect the USB-C end of the cable to the speakerphone's USB-C port.
2. Connect the USB-A end of the cable to your computer's USB port. If your computer only has USB-C ports, use the included USB-A adapter.
3. The device will be automatically recognized by your computer, requiring no additional drivers.



## 5. OPERATION

### 5.1 Power On/Off

- To power on: Press and hold the **Power** button until you hear "Power on".
- To power off: Press and hold the **Power** button until you hear "Power off".

### 5.2 Volume Control

- Increase volume: Press the **Volume +** button.
- Decrease volume: Press the **Volume -** button.

### 5.3 Mute/Unmute Microphones

- To mute: Press the **Mute** button. The indicator light will turn red.
- To unmute: Press the **Mute** button again. The indicator light will return to blue.



Figure 4: Visual representation of the mute function on the BALILA CM900 speakerphone.

### 5.4 Call Management

- Answer call: Press the **Phone** button.
- End call: Press the **Phone** button.

### 5.5 Platform Compatibility

The BALILA CM900 is compatible with a wide range of operating systems and conferencing platforms:

- **Operating Systems:** Windows 7/8/10/11, macOS 10.4 or higher, original Android system, Linux, iOS system.
- **Conferencing Platforms:** Zoom, Microsoft Teams, Skype, Webex Meeting, Line, Google Hangouts, Facetime, WhatsApp for Business, and more.

# Universal Compatible



Figure 5: Illustrates the universal compatibility of the BALILA CM900 with various operating systems and conferencing applications.

## 6. KEY FEATURES

### 6.1 360° Voice Pickup with 4 AI Microphones

Equipped with 4 built-in AI omnidirectional microphones, the CM900 captures voices from every angle, providing a 360° voice pickup coverage range of up to 20 feet (7 meters). This makes it ideal for meetings with up to 16 people in small to mid-sized rooms.



Figure 6: Depicts the 360-degree voice pickup capability of the BALILA CM900 speakerphone in a meeting environment.

## 6.2 AI Noise Reduction and Echo Cancellation

The exclusive AI algorithm chip uses deep learning technology to effectively eliminate ambient noise and echo. This ensures your voice is isolated from distractions, providing clear audio for all participants, even in noisy environments.

### AI-Driven Acoustic Technology

Loud, clear sound in and out

Advanced AI Processor

-  AI Noise Reduction
-  Digital Echo Cancellation
-  360° Voice Pick-Up

Figure 7: Highlights the AI-driven acoustic technology of the BALILA CM900, including noise reduction and echo cancellation.

### 6.3 Studio-Quality Audio Delivery

Outfitted with a 5W (89dB) premium speaker, the CM900 fills the room with evenly spread sound, ensuring no details are missed. It features built-in full-duplex microphones for natural simultaneous conversation and Virtual Bass for balanced voice clarity.

### 6.4 Long Battery Life

The large capacity battery supports over 12 hours of talk time on a single 3-hour charge, making it suitable for all-day meetings and business trips.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	CM900
Brand	BALILA
Microphone Form Factor	Desktop
Number of Microphones	4 (AI Omnidirectional)
Voice Pickup Range	Up to 20ft (7m)
Connectivity Technology	Bluetooth 5.3, USB-C
Special Feature	AI Noise Reduction, Echo Cancellation, Full-Duplex Audio
Speaker Output	5W (89dB)
Battery Life	Over 12 hours talk time
Charging Time	Approx. 3 hours
Product Dimensions	3.9 x 3.9 x 1.2 inches
Item Weight	10.8 ounces
Material	Plastic
Compatible Devices	Facetime, Google Hangouts, MS Team, Webex Meetings, Zoom, etc.

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your BALILA CM900 speakerphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or exposing it to strong impacts.
- **Water Exposure:** This device is not waterproof. Avoid exposure to water or excessive moisture.

## 9. TROUBLESHOOTING

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If you encounter issues with your CM900 speakerphone, refer to the following common solutions:

- **Device not powering on:** Ensure the device is fully charged. Connect it to a power source using the provided USB-C cable.
- **Cannot connect via Bluetooth:**
  - Ensure the speakerphone is in Bluetooth pairing mode (flashing blue light).
  - Check that Bluetooth is enabled on your connecting device.
  - Make sure the speakerphone is within the 66ft (20m) Bluetooth range.
  - Forget the device from your connecting device's Bluetooth list and try pairing again.
- **No sound or poor audio quality:**
  - Check the volume levels on both the speakerphone and your connected device.
  - Ensure the microphones are not muted (red indicator light).
  - If connected via USB-C, ensure the cable is securely plugged in and the device is selected as the audio input/output in your computer's sound settings.
  - Restart both the speakerphone and the connected device.
- **Microphone not picking up voice:**
  - Verify the microphone is not muted.
  - Ensure the speakerphone is placed centrally in the meeting area for optimal 360° pickup.
  - Check the input device selection in your conferencing software settings.

## 10. WARRANTY & SUPPORT

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BALILA offers a **2-year warranty policy** for the CM900 Conference Speakerphone. We are committed to customer satisfaction and encourage you to follow the provided instructions for optimal performance.

Our dedicated team is available 24/7 to address any queries or concerns you may have. Please refer to the contact information provided in your product packaging or visit the official BALILA website for support.

- **Warranty Period:** 2 Years
- **Support:** 24/7 customer service and technical team support.