

[Manuals.plus](#) /

› [BALILA](#) /

› BALILA CM300 Conference Microphone Speaker System User Manual

BALILA CM300

BALILA CM300 Conference Microphone Speaker System User Manual

Model: CM300

INTRODUCTION

The BALILA CM300 Conference Microphone Speaker System is designed to provide clear and efficient audio communication for various settings, including online meetings, web conferences, video conferences, remote work, and online education. Featuring advanced wireless technology, AI noise reduction, and 360° voice pickup, this system ensures seamless and high-quality audio experiences for all participants.



Image: The BALILA CM300 speakerphone unit with ten individual clip-on microphones.

PACKAGE CONTENTS

- 1 x Speakerphone Unit
- 10 x AI Microphones
- 1 x USB Type-C Cable
- 1 x USB-A Adapter
- 1 x User Manual (this document)

PRODUCT OVERVIEW

The CM300 system consists of a central speakerphone unit and ten high-sensitivity AI microphones. The speakerphone acts as the hub, providing powerful audio output and managing the wireless connection to the microphones. Each microphone is designed for individual use, ensuring clear voice capture from each participant.

Key Features:

- **Advanced Wireless Technology:** Offers stable connection up to 20 meters (65 feet) for flexible movement during presentations or discussions.
- **Premium VoiceAI Chip Technology:** Utilizes deep learning to separate voices from ambient noise, ensuring crystal-clear audio reception for remote participants.
- **360° Voice Pickup:** Equipped with 10 high-sensitivity AI omnidirectional microphones, capturing sound from all angles within a 20-meter (65 feet) range.
- **Clear Audio Quality:** Features a 5W premium speaker that delivers uniform sound throughout the room, providing an immersive, face-to-face conversation experience.
- **Echo Cancellation & Noise Reduction:** Real-time echo cancellation and ambient noise suppression for optimal

sound clarity.

- **Long Battery Life:** The speakerphone's large-capacity battery provides over 10 hours of talk time on a single charge, suitable for all-day meetings.

Image: A visual representation of the microphone's ability to reduce noise, showing a cleaner waveform after processing.



Image: A group of people engaged in a meeting, with the BALILA CM300 speakerphone centrally placed on the table, demonstrating its use in a collaborative environment.

SETUP GUIDE

The BALILA CM300 system is designed for simple plug-and-play operation, requiring no driver installation.

1. Connect the Speakerphone:

- Connect the speakerphone to your computer or mobile device using the provided USB Type-C cable. If your device only has USB-A ports, use the included USB-A adapter.
- The speakerphone will power on automatically and indicate readiness with a blue light.

2. Power On Microphones:

- Ensure each AI microphone is charged. Press the power button on each microphone to turn it on.
- The microphones will automatically pair with the speakerphone unit. A green indicator light on the microphones signifies a successful connection.

3. Select as Audio Device:

- On your computer or conferencing software (e.g., Zoom, Microsoft Teams), select "BALILA CM300" as your audio input (microphone) and audio output (speaker) device.

プラグアンドプレイで使いやすい



USB C



USB A+USB C

Image: Demonstrates connecting the speakerphone to devices using both USB-C and USB-A adapters.



Image: A typical conference room setup showing the speakerphone connected to a laptop, with microphones distributed around the table, and a video conference displayed on a large screen.



Image: A laptop screen displaying audio settings, with the BALILA CM300 clearly selected as the active input and output device.

OPERATING INSTRUCTIONS

Speakerphone Controls:

- **Power Button:** Press to turn on/off the speakerphone.
- **Volume Up/Down:** Use the '+' and '-' buttons on the speakerphone to adjust the speaker volume.
- **Mute Button:** Press the microphone icon button on the speakerphone to mute/unmute all connected microphones. The indicator light will change to red when muted.



Image: The speakerphone's mute button, illustrating its function to toggle microphone recording on and off.

Microphone Usage:

- Clip the individual AI microphones onto your clothing, close to your mouth, for optimal voice pickup.
- Ensure the green indicator light on each microphone is solid, indicating a stable connection to the speakerphone.

- While the individual microphones do not have a mute button, the central speakerphone unit controls the mute function for all connected microphones.



Image: Examples of the system in use for online communication, with one user wearing a clip-on microphone.

MAINTENANCE

- Keep the speakerphone and microphones clean by wiping them with a soft, dry cloth.
- Avoid exposing the devices to extreme temperatures, humidity, or direct sunlight.
- Store the system in a cool, dry place when not in use.
- Charge the microphones and speakerphone regularly to maintain battery health, even if not used frequently.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from speakerphone.	Volume too low; device not selected as output; cable disconnected.	Increase volume on speakerphone and computer. Ensure "BALILA CM300" is selected as audio output. Check USB cable connection.
Microphones not picking up sound.	Microphones muted; not powered on; out of range; not selected as input.	Press the mute button on the speakerphone to unmute. Ensure microphones are powered on and within 20m of the speakerphone. Select "BALILA CM300" as audio input.
Audio quality is poor or distorted.	Microphone placed too close to mouth; interference; low battery.	Adjust microphone placement (e.g., clip to collar). Ensure no strong electromagnetic interference. Charge devices fully.
Connection drops frequently.	Out of range; interference; low battery.	Ensure devices are within 20m range. Minimize obstacles. Charge devices fully.

SPECIFICATIONS

Feature	Detail
Brand	BALILA
Model Name	CM300
Product Model Number	CM3
Connectivity Technology	USB (Type C)
Polar Pattern	Omnidirectional
Number of Channels	10
Audio Sensitivity	85 dB
Signal-to-Noise Ratio (S/N)	85 dB
Minimum Frequency Response	20 Hz
Maximum Frequency Response	120 KHz
Speaker Power	5W
Voice Pickup Range	360° up to 65 feet (approx. 20 meters)
Battery Life	Over 10 hours talk time (speakerphone)
Power Source	Corded Electric (USB)
Material	Aluminum, Plastic
Color	Black
Product Dimensions (LxWxH)	10 x 10 x 2 cm
Product Weight	480 g
Recommended Uses	10-person online meetings, online education, home office, business trips, remote work
Compatible Devices	Smartphones, Tablets, Laptops, Desktop PCs (Windows, Mac OS, iOS, Android)
Compatible Platforms	Zoom, Microsoft Teams, Skype for Business, Google Meet, etc.

WARRANTY AND SUPPORT

BALILA prioritizes customer satisfaction. We strongly recommend reading this user manual thoroughly to ensure optimal performance of your speakerphone and microphones.

- **2-Year Warranty:** Your BALILA CM300 system is covered by a 2-year warranty from the date of purchase.
- **Dedicated Support:** Our dedicated support team is available 24 hours a day, 365 days a year, to answer any questions or address any concerns you may have. Please contact us for assistance.

