

CMTECK 7545900577

CMTECK USB Conference Microphone (Model 7545900577) Instruction Manual

1. PRODUCT OVERVIEW

The CMTECK USB Conference Microphone (Model 7545900577) is a versatile desktop speakerphone designed for clear and efficient communication in various settings, including streaming, VoIP calls, Skype, interviews, and general chatting. It features 360° omnidirectional voice pickup and a built-in speaker, connecting to your computer via a single USB cable for plug-and-play convenience.



Figure 1: CMTECK USB Conference Microphone

2. KEY FEATURES

- **Superior Sound Quality:** Incorporates CCS3.0 Sound Card noise-canceling technology to effectively block noise and eliminate echo, ensuring crystal clear sound pickup.
- **360° Omnidirectional Voice Pickup:** Equipped with 4 high-sensitivity microphones, allowing for 360° voice pickup within a 4-meter (13-foot) range.
- **One-Button Mute Function:** Features an all-in-one control panel with quick mute buttons for both the microphone and speaker, and volume adjustment.
- **LED Indicators:** Built-in LED lights indicate the working status (green for active, red for mute).
- **Plug & Play Connectivity:** Connects to a computer via a USB cable without requiring driver installation. Compatible with Windows (7, 8, 10) and Mac OS. **Note: Not compatible with Raspberry Pi/Android.**
- **Anti-Slip Design:** Constructed with high-quality metal matte material for durability and resistance to abrasions and corrosion. Three anti-slip mats on the base provide stability.
- **Portable Design:** Compact and lightweight for effortless portability.

3. SETUP GUIDE

1. **Connect to Computer:** Plug the USB cable from the CMTECK Conference Microphone into an available USB port on your Windows or Mac computer.
2. **Automatic Driver Installation:** The device is plug-and-play; your operating system should automatically detect and install the necessary drivers. No manual driver installation is required.
3. **Verify Connection:** Once connected, the LED indicator on the device should light up, typically green, indicating it is powered on and ready for use.
4. **Select as Audio Device:** In your computer's sound settings or your conferencing software (e.g., Skype, Zoom), select the "CMTECK USB Microphone" as your input (microphone) device and "CMTECK USB Speaker" as your output (speaker) device.
5. **Optimal Placement:** For best 360° voice pickup during meetings, place the microphone in the center of your meeting area or table.

4. OPERATING INSTRUCTIONS

The CMTECK USB Conference Microphone features intuitive controls located on its top surface.

- **Microphone Mute:** Press the dedicated microphone mute button (often indicated by a microphone icon) to toggle the microphone on or off. The LED indicator will change to red when muted and green when active.
- **Speaker Mute:** Press the dedicated speaker mute button (often indicated by a speaker icon) to toggle the speaker on or off. The LED indicator will change to red when muted and green when active.
- **Volume Control:** Use the volume up (+) and volume down (-) buttons to adjust the speaker's output volume.
- **Conference Calls:** Ensure the microphone and speaker are unmuted and the volume is set to an audible level. The omnidirectional pickup will capture voices from all directions around the device.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or abrasive materials, which may damage the finish or internal components.
- **Storage:** When not in use, store the microphone in a cool, dry place away from direct sunlight and

extreme temperatures.

- **Cable Care:** Avoid bending or twisting the USB cable excessively to prevent internal damage.

6. TROUBLESHOOTING

- **No Sound/Microphone Not Working:**

- Ensure the USB cable is securely connected to both the microphone and your computer.
- Check your computer's sound settings to confirm the CMTECK device is selected as the default input and output.
- Verify that the microphone and speaker are not muted using the device's control buttons or your software settings.
- Try connecting the device to a different USB port on your computer.

- **Poor Audio Quality (Speaker):**

- While the speaker is optimized for vocals, it may not provide the best range for music or complex audio. Adjust volume levels and consider its primary use for voice.
- Ensure the device is placed on a stable, flat surface to prevent vibrations.

- **Poor Audio Quality (Microphone):**

- Ensure the microphone is placed centrally in the meeting area.
- Minimize background noise in the environment.
- Avoid placing the microphone too close to noisy computer fans or keyboards, as this can be picked up.

- **LED Indicators Not Working:**

- Check the USB connection to ensure the device is receiving power.
- The LED indicators are small and may be difficult to see from certain angles. View them directly from above.

- **Incompatibility:** The device is not compatible with Raspberry Pi or Android operating systems.

7. SPECIFICATIONS

Feature	Specification
Brand	CMTECK
Model Name	7545900577
Connectivity Technology	USB
Connector Type	USB
Special Feature	Mute Function
Compatible Devices	Personal Computer, Speaker
Color	Sliver
Included Components	Microphone Unit

Polar Pattern	Omnidirectional
Audio Sensitivity	10 Decibels
Item Weight	6.6 Ounces
Microphone Form Factor	Boundary
Item Dimensions (L x W x H)	4.72 x 4.72 x 1.26 inches
Power Source	USB Microphone
Material	Metal
Signal-to-Noise Ratio	120 dB
Hardware Platform	PC, Mac

8. WARRANTY AND SUPPORT

For specific warranty information and technical support, please refer to the documentation included with your product or contact CMTECK customer service directly. You may also visit the official CMTECK website for the latest support resources and contact details.

CMTECK Official Store: [Visit CMTECK Store on Amazon](#)