

CPW90 Datasheet

Introduction

The Yealink CPW90 is a CP Wireless Expansion Mic that works as an audio input device for the Yealink CP960 conference phone. Capacitive mute touchpad plus place-and-charge charger cradle round out its user-friendly features, making Yealink CP Phone Wireless Expansion Mic CPW90 easy to use and an ideal choice for organizations who need optimal microphone placement and wider room coverage.



Key Features and Benefits

- Optima HD voice
- Full duplex technology
- Capacitive mute touchpad
- Echo cancellation
- DECT Technology

Specifications

Specifications	Description
Microphone Characteristics	· Optima HD voice · Full duplex technology · Muting the microphone with touchpad · Distance between CP960 and CPW90: 20 meters · 800mAh battery capacity · 19-hour talking time · 11-day standby time

Physical Features	· Dimension (W * D * H): Microphone: 85.98 mm x 85.98 mm x 16.35 mm Charge Cradle: 190 mm x 86 mm x 25.5 mm · Operating humidity: 10 - 90% · Storage temperature: 0 - 40°C (+32 - 104°F)
DECT	· Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)
Package content	· 2 x CP Wireless Expansion Microphone · Charger Cradle · 0.3m Micro USB Cable · Quick Start Guide
Package Features	· Qty/CTN: 20 PCS · N.W/CTN: 12.2 kg · G.W/CTN: 12.8 kg · Giftbox size: 242 mm x 102 mm x 46 mm · Carton Meas: 500 mm x 220 mm x 256 mm

Device Compatibility

- [Teams Room Accessories Compatibility Lists](#)
- [Zoom Rooms Accessories Compatibility Lists](#)

How to Use

CPW90 has different features when used with different video conferencing endpoints. For more information, please refer to the corresponding documents.

Teams Version:

- Connect the CPW90 to MeetingBar: [CPW90 Wireless Microphone](#)
- Connect the CPW90 to MVC System: [CPW90 Wireless Microphone](#)

Zoom Version:

- Connect the CPW90 to MeetingBar: [CPW90 Wireless Microphone](#)
- Connect the CPW90 to ZVC System: [CPW90 Wireless Microphone](#)

RingCentral Version:

- Connect the CPW90 to MeetingBar: [CPW90 Wireless Microphone](#)

Mute/Unmute Microphone

1. Tap the mute button to mute it.
The mute LED indicator glows red.
2. Tap the mute button again to unmute it.

LED Indicator

There are two indicators on the CPW90. The indicators display the CPW90 work status.

- Mute LED Indicator
- Battery LED Indicator

Mute LED indicator of CPW90 when working with video conferencing system:

LED Status	Description
Solid green	The system enters the pre-dialing screen. The system is in a call and unmuted.
Solid red	The system is muted.
Slowly flashing red	The system is receiving an incoming call.
Fast flashing yellow	The CPW90 is in the registration mode.
Slowly flashing yellow	The CPW90 has registered with the phone, but the CPW90 is out of range. The CPW90 has registered with the phone, but the system is turned off.
Flashing red and green alternately	The system is searching for the CPW90 has registered with it.
Off	The system is idle.

Mute LED indicator of CPW90 when working with Microsoft Teams Rooms system:

LED Status	Description
Solid green	The system is in a call and unmuted.
Solid red	The phone is muted.
Fast flashing yellow	The CPW90 is in the registration mode.
Slowly flashing yellow	The CPW90 has registered with the phone, but the CPW90 is out of range. The CPW90 has registered with the phone, but the DD10 is not connected to the UVC camera.
Off	The system is idle.

Battery LED indicator on the CPW90:

LED Status	Description
Solid green for one second and then off	The CPW90 is turned on.
Solid green for 3 seconds and then off	The system is idle.
Solid green	The CPW90 is fully charged.
Solid red	The CPW90 is being charged.
Fast flashing red 3 times and then off	The battery capacity is too low to turn on the CPW90.
Slowly flashing red	The battery capacity is less than 10%.
Off	If you tap the mute button, the battery indicator LED on the CPW90 is still off, it means the CPW90 is turned off.