

CPW90

Introduction

The Yealink CPW90 is a CP Wireless Expansion Mic which works as an audio input device for Yealink CP960 conference phone. It features superior audio technology and supports 360-degree voice pickup range at a radius of up to 10 feet (3 meters) without any wiring troubles. Capacitive mute touchpad plus place-and-charge charger cradle round out its user-friendly features, making Yealink CP Phone Wireless Expansion Mic CPW90 ease of use and being an ideal choice for organizations who need optimal microphone placement and wider room coverage.



Key features and benefits

- Optima HD voice
- Full duplex technology
- 10-foot (3-meter) 360° voice pickup
- Capacitive mute touchpad
- Echo cancellation
- DECT Technology

Specifications

Specifications	Description
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Microphone Characteristics	<ul style="list-style-type: none"> · Optima HD voice · Full duplex technology · Muting the microphone with touchpad · 10-foot (3-meter) 360° voice pickup · Distance between CP960 and CPW90: 20 meters · 800mAh battery capacity · 19-hour talking time · 11-day standby time
Physical Features	<ul style="list-style-type: none"> · 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	<ul style="list-style-type: none"> · Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)
Package content	<ul style="list-style-type: none"> · 2 x CP Wireless Expansion Microphone · Charger Cradle · 0.3m Micro USB Cable · Quick Start Guide
Package Features	<ul style="list-style-type: none"> · 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

The maximum number of CPW90 microphones supported by the conferencing room endpoint is as follows:

NOTE

- Since the microphones do not support mixed-use, the kits with this microphone or MSpeech do not support other microphones by default. For which kits contain microphones or MSpeech, please refer to datasheet.
- The MVC840-BASE KIT/MVC860-BASE KIT refers to kits without the VCM34 microphone.

Device Name	Max. number of CPW90 supported
MeetingBar A10	×
MeetingBar A20	Support pairing/using up to 1 pair, i.e. 2 CPW90 at a time
MeetingBar A30	Support pairing/using up to 1 pair, i.e. 2 CPW90 at a time

MVC960, MVC940, MVC900	Support pairing/using up to 2 pair, i.e. 4 CPW90 at a time
MVC860-BASE KIT, MVC840-BASE KIT, ZVC860, ZVC840	Support pairing/using up to 2 pair, i.e. 4 CPW90 at a time
MVC860, MVC840, MVC660、MVC640-AI、MVC640-Wireless	×
MVC400, ZVC400	Support pairing/using up to 1 pair, i.e. 2 CPW90 at a time
MVC320	×
MeetingBoard 65, MeetingBoard 86	×
DeskVision A24	×
MeetingEye 500	×

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 A20/A30: [CPW90 Wireless Microphone](#)
- Connect the CPW90 to MVC System: [CPW90 Wireless Microphone](#)

Zoom Version:

- Connect the CPW90 to MeetingBar A20/A30: [CPW90 Wireless Microphone](#)
- Connect the CPW90 to ZVC System: [CPW90 Wireless Microphone](#)

BlueJeans Version:

- Connect the CPW90 to MeetingBar A20/A30: [CPW90 Wireless Microphone](#)

RingCentral Version:

- Connect the CPW90 to MeetingBar A20/A30: [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
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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.