

CPW90

Introduction

The Yealink CPW90 is a CP Wireless Expansion Mic which works as an audio input device for 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 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
- Capacitive mute touchpad
- Echo cancellation
- DECT Technology

Specifications

| Specifications | Description |
|----------------------------|---|
| Microphone Characteristics | <ul style="list-style-type: none"> · 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 | <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 A40 | × |
| 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 |
| ZVC860, ZVC840 | Support pairing/using up to 2 pair, i.e. 4 CPW90 at a time |
| ZVC400 | Support pairing/using up to 1 pair, i.e. 2 CPW90 at a time |
| MVCIII (MVC340, MVC940, MVCS60, MVCS40, MVCS90) | × |

| | |
|---|--|
| MVCIII (MVC400) | Support pairing/using up to 1 pair, i.e. 2 CPW90 at a time |
| MVCIII (MVC640, MVC840, MVC860) | Support pairing/using up to 2 pair, i.e. 4 CPW90 at a time |
| MVC II (MVC960, MVC940, MVC900, MVC660, MVC640-Wireless, MVC640-AI, MVC320) | × |
| MVC II (MVC400) | Support pairing/using up to 1 pair, i.e. 2 CPW90 at a time |
| MVC II (MVC860-BASE KIT, MVC860, MVC840-BASE KIT, MVC840) | Support pairing/using up to 2 pair, i.e. 4 CPW90 at a time |
| MeetingBoard 65, MeetingBoard 86 | × |
| DeskVision A24 | × |
| MeetingEye 500, MeetingEye 500 Pro, MeetingEye 900 | × |

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](#)

BlueJeans Version:

- Connect the CPW90 to MeetingBar: [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. |