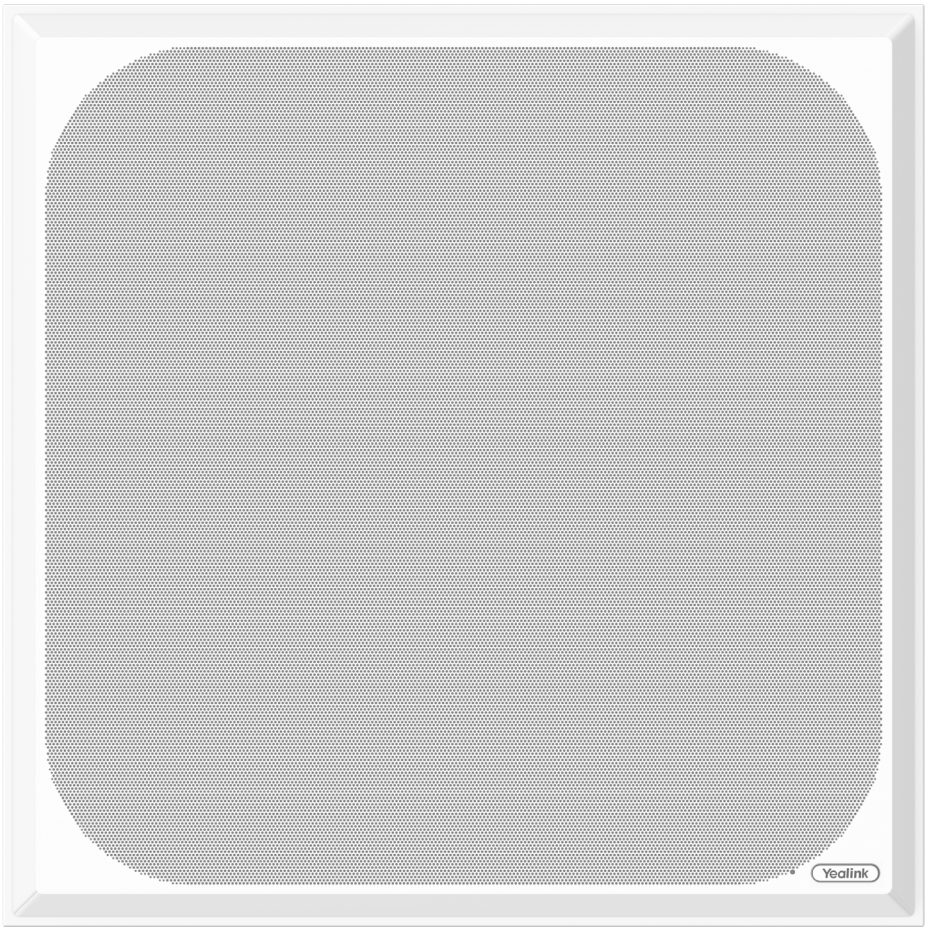
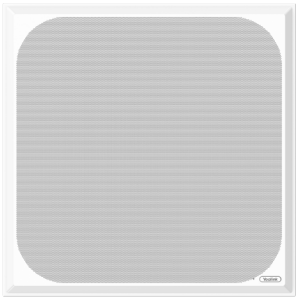
Yealink

Ceiling Microphone CM50



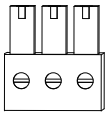
Quick Start Guide (V1.0)

Package Contents



CM50

Quick Start Guide



Male Phoenix Connector (Pitch 3.81 mm)

In the Ceiling

× 4

Angle Bracket (for 2ft ceiling grid)

Safety Rope

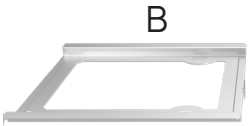
Rubber Pads

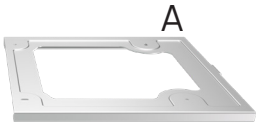
× 1

× 1

× 24

On the Ceiling





Mounting Bracket A and B

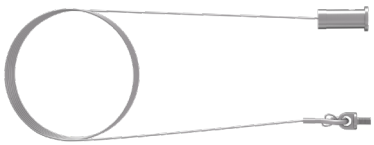
M4 Hexagon Socket Screw & Hex key

× 4

× 4

× 4

Suspend from the Ceiling



× 4

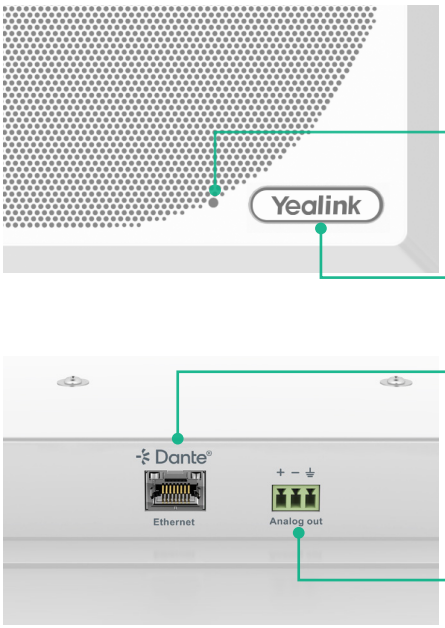
Suspension Rope Assembly

Deployment Instruction Template

× 4

× 4

Hardware Introduction



LED Indicators	Introduction
Solid orange	• Initializing and not connected to a host device • Rebooting
Off	• Powered off • Idle: You can set the device to remain on or turn off when idle in Designer.
Solid green	• On a call • Idle: You can set the device to remain on or turn off when idle in Designer.
Solid red	Muted
Flash red and green alternately	Searching devices
Flash red slowly	• AP08 is upgrading firmware • AP08 is in recovery mode
Flash orange slowly	Upgrading
Flash red	Network exception

Plan the Installation

Safety Notes

1. Important: Please read the installation instructions prior to install this microphone.
2. Caution: Installation of Yealink microphone should only be performed by trained and qualified personnel. Severe injury and/ or loss of life may occur if this product is improperly installed.
3. Danger: It is recommended to attach a safety rope to a sturdy load-bearing location that is separate from the main device mounting point. The safety rope should have minimal slack to prevent excessive kinetic force in the event of a failure in the main mount.

Possible Variants

1. In the Ceiling

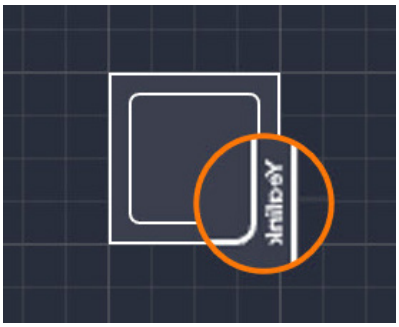
Ceiling grid: 60 × 60 cm / 2 × 2 feet
(with angle brackets)

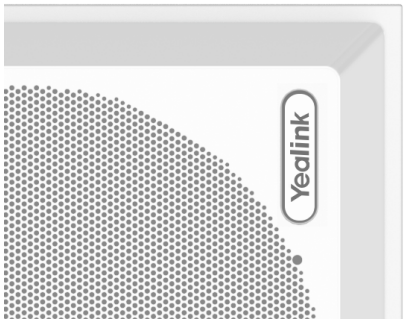
2. On the Ceiling

3. Suspend from the Ceiling

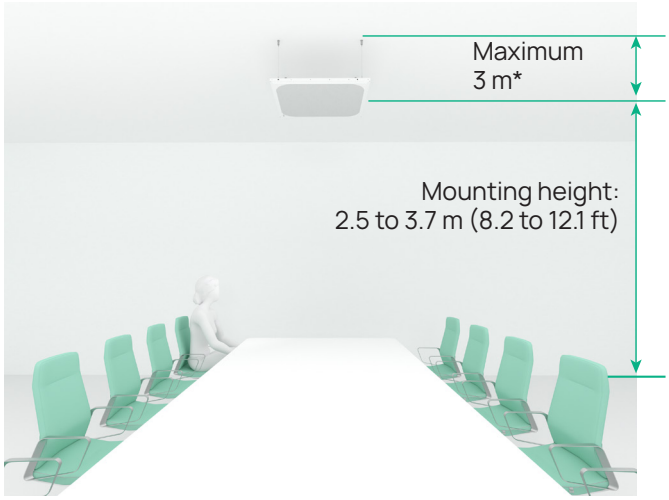
Important Notes

- The CM50 is designed with high sensitivity for precise sound pickup. Please avoid deploying the CM50 near any potentially interfering devices, such as air conditioning vents and lights.
- Position the logo of the CM50 so that it faces the same direction as the one in your design of Yealink Room Designer software.





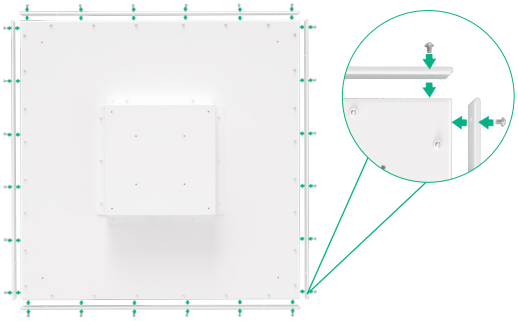
- For most rooms, we recommend:
  - Mounting height: 2.5 to 3.7 m (8.2 to 12.1 ft).
  - *We provide 3-meter suspension ropes. If you need longer ropes, please purchase them separately.



Installation

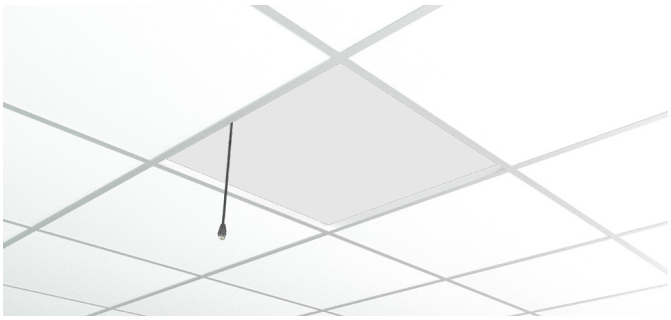
1. In the Ceiling

- Make sure the ceiling grid size matches the microphone.
- This variant is available for ceiling grid of 60 × 60 cm or 2 × 2 feet. For 2ft ceiling grid, you will need to attach 4 angle brackets to each side of the CM50 using a total of 24 screws.

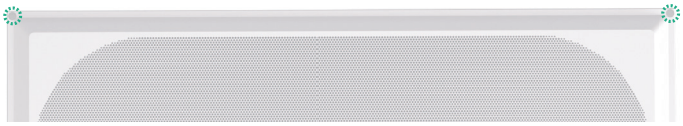


- The ceiling grid should have a load-bearing capacity of more than 6.5 KG.

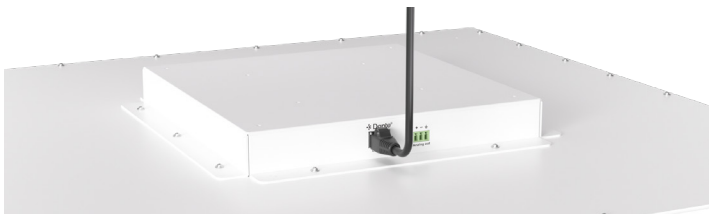
1. Remove the ceiling tile, and run wires to the device locations.



2. Install the rubber pads on the 4 corners to prevent scratches.

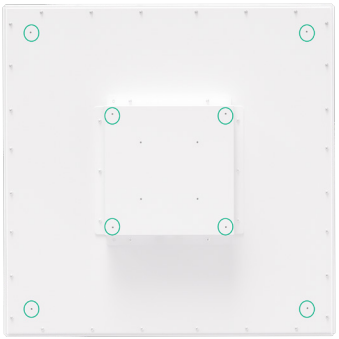


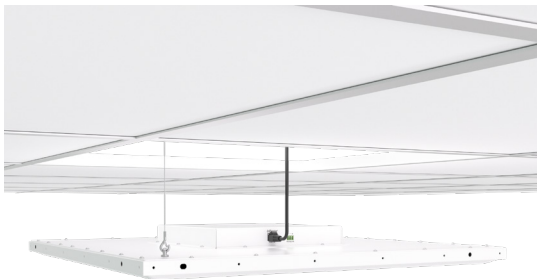
3. Connect the Ethernet cable.



4. Install the safety rope to one of the marked points.

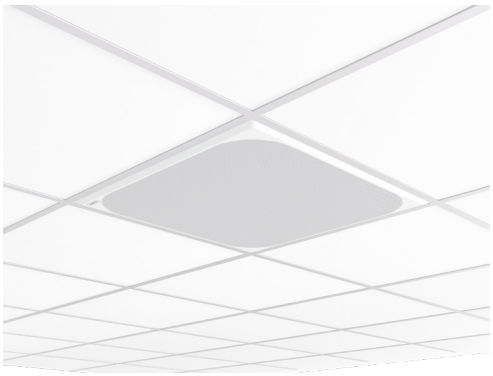
   Make the rope as short as possible. Attach the rope to a secondary structural point directly above the seismic safety tab to minimize impact force and swing in the event of a ceiling failure.
   Note: This can also be done after installing the unit if there is access in the ceiling.





5. Install the microphone into the ceiling grid.

Effect demonstration:

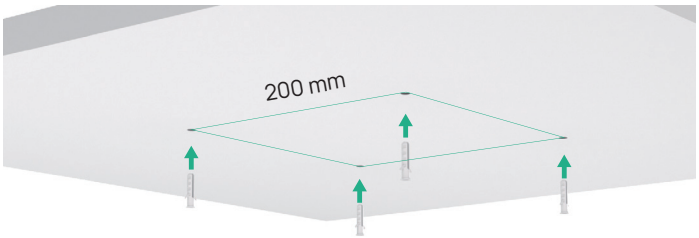


2. On the Ceiling

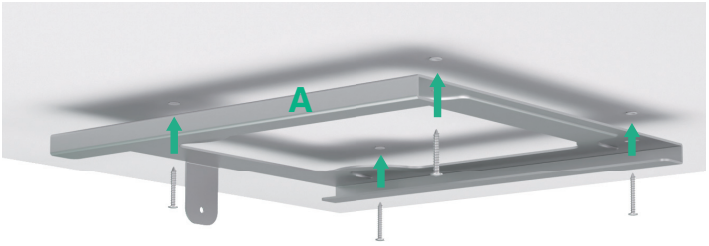
The ceiling grid should have a load-bearing capacity of more than 7 KG.

1. Run wires to the device locations.

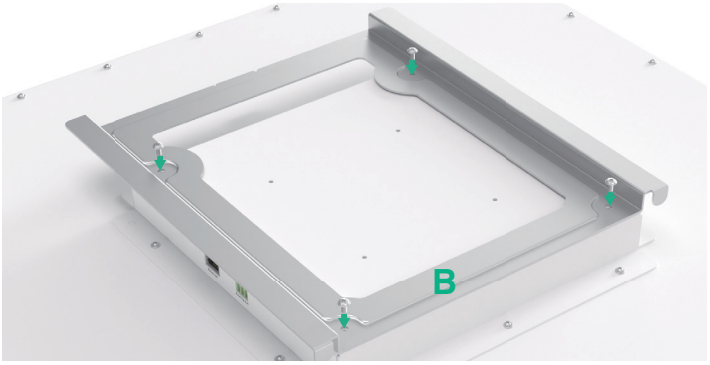
2. Use the bracket A to drill holes on the ceiling and insert the expansion nuts.



3. Use expansion screws to fix the bracket A on the ceiling.



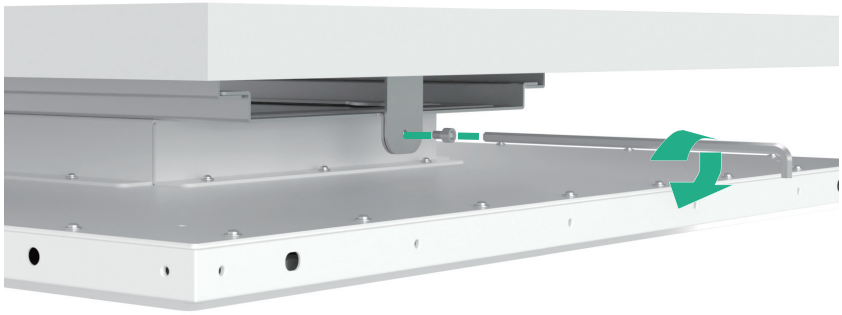
4. Install the bracket B to the back panel of the CM50 with screws.



5. Connect the Ethernet cable.

6. Align the bracket B with the bracket A and slide the CM50 forward into place.

7. Tighten the M4 hexagon socket screw using the included Hex key.

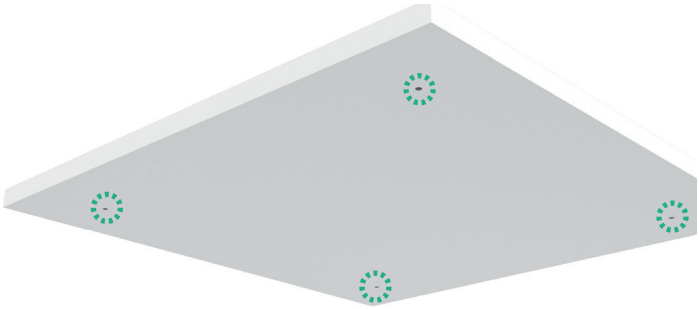


Effect demonstration:

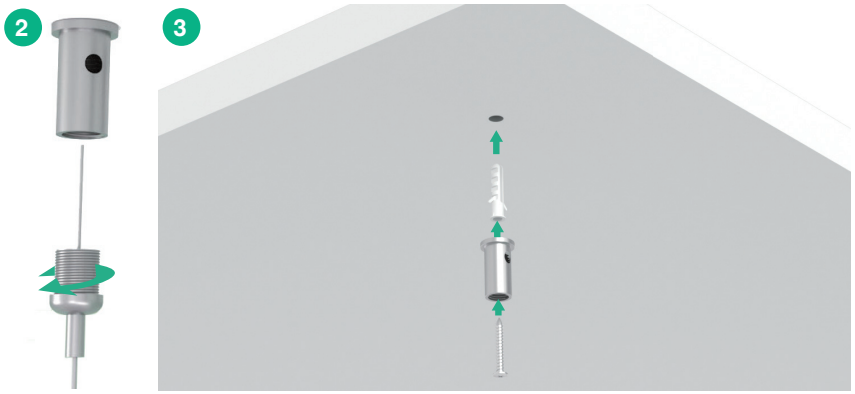
3. Suspend from the Ceiling

The ceiling grid should have a load-bearing capacity of more than 6.5 KG.

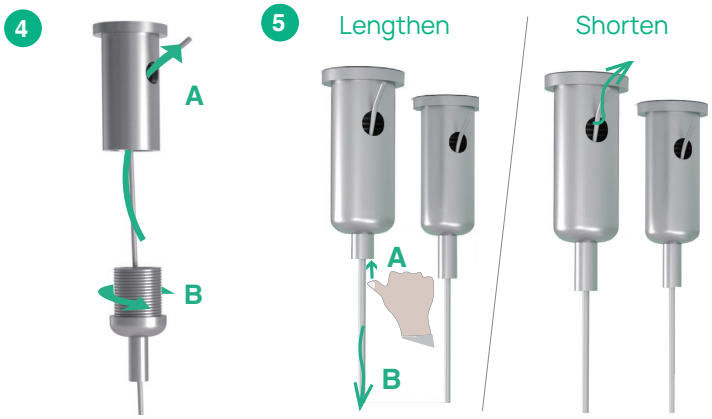
1. Use the deployment instruction template to drill holes.



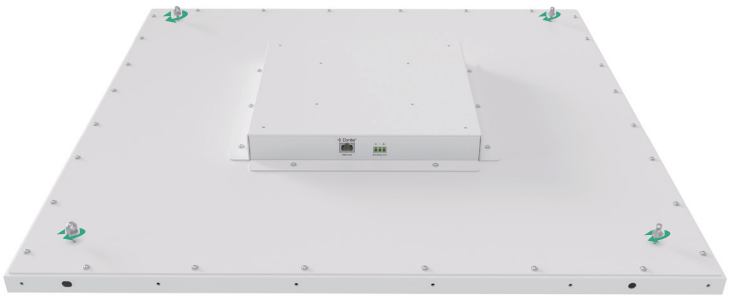
2. Loosen the wire lock from the suspension rope.
3. Insert the expansion nuts and then use expansion screws to fix the wire locks.



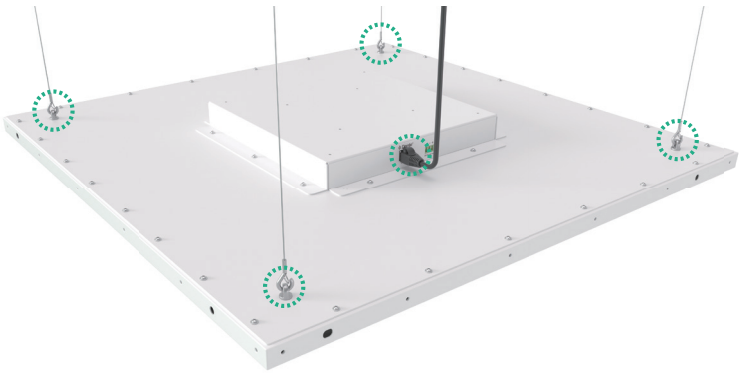
4. Thread the suspension rope through the wire lock and tighten the wire lock. Make sure that the wire locks are securely installed on the ceiling by gentle dragging the suspension rope.
5. Adjust the rope to the appropriate length and cut off the excess part.



6. Tighten the copper pillar onto the CM50.



7. Hook the suspension rope to the copper pillar, and connect the Ethernet cable.



Effect demonstration:

Regulatory Notices

Operating Ambient Temperatures

- Operating temperature: +14 to 113°F (-10 to +45°C)
- Relative humidity: 5% to 90%, noncondensing
- Storage temperature: -22 to +158°F (-30 to +70°C)

Warranty

Our product warranty is limited only to the unit itself, when used normally in accordance with the operating instructions and the system environment. We are not liable for damage or loss resulting from the use of this product, or for any claim from a third party. We are not liable for problems with Yealink device arising from the use of this product; we are not liable for financial damages, lost profits, claims from third parties, etc., arising from the use of this product.

DC symbol

⎓ is the DC voltage symbol.

Restriction of Hazardous Substances Directive (RoHS)

This device complies with the requirements of the EU RoHS Directive. Statements of compliance can be obtained by contacting support@yealink.com.

Safety Instructions

Save these instructions. Read these safety instructions before use!

The following basic safety precautions should always be followed to reduce risk of fire, electrical shock, and other personal injury.

⚠ Environmental Requirements

- Place the product on a stable, level and non-slip surface.
- Do not place the product close to heat sources, in direct sunlight or next to any house hold appliance with strong magnetic field or electromagnetic field, such as a microwave oven or a refrigerator.
- Do not allow the product to come into contact with water, dust and chemicals.
- Protect the product from aggressive liquids and vapors.
- Do not place the product on or near any inflammable or fire-vulnerable object, such as rubber-made materials.
- Do not install the product in rooms with high humidity, for example, in bathrooms, laundry rooms and wet basements.

⚠ Safety Notes During Operation

- Use only spare parts and accessories supplied or authorized by Yealink. The operation of non-authorized parts cannot be guaranteed.
- Do not place heavy objects on top of the handset or the base station in case of damage and deformation caused by the heavy load.
- Do not open the handset or the base station by yourself for repair purpose, which could expose you to high votages. Have all repairs carried out by authorized service personel.
- Do not let a child operate the product without guidance.
- Keep the small accessories contained in your product out of reach of small children in case of accidental swallowing.
- Before plugging or unplugging any cable, make sure that your hands are completely dry.
- Do not hold the handset up to your ear when speakphone is on or when the ringer is ringing as the volumn can be very loud, which may be harmful to your hearing.
- During a thunderstorm, stop using the product and disconnect it from the power supply to avoid lightning strike.
- If the product is left unused for a rather long time, disconnect the base station from the power supply and unplug the power adapter.
- When there is smoke emitted from the product, or some abnormal noise or smell, disconnect the product from the power supply, and unplug the power adapter immediately.
- Remove the electrical cord from an outlet by pulling gently on the power adapter, not by pulling the cord.

⚠ Notices of Cleaning

- Before cleaning the base station, stop using it and disconnect it from the power supply.
- Remove the battery before cleaning the handset to reduce risk of electric shock.
- Only clean your product with a piece of slightly moist and anti-static cloth.
- Keep the power plug clean and dry. Using a dirty or wet power plug may lead to electric shock or other perils.

⚠ ENVIRONMENTAL RECYCLING

Never dispose of the device with domestic waste Ask your Town Council about how to dispose of it in an environmentally friendly way. The cardboard box, plastic packaging and player components may be recycled in accordance with prevailing recycling regulations in your country.

Always adhere to prevailing regulations

Those who fail to do so may be fined or prosecuted in accordance with the law. The crossed out garbage can that appears on the device means that when it has reached the end of its useful life, it should be taken to a special waste disposal center and treated separately to general urban waste.

Troubleshooting

The unit cannot supply power to Yealink device.
There is a bad connection with the plug.
1. Clean the plug with a dry cloth.
2. Connect it to another wall outlet.

The usage environment is out of operating temperature range.
1. Use in the operating temperature range.

The cable between the unit and the Yealink device is connected incorrectly.
1. Connect the cable correctly.

You cannot connect the cable properly.
1. You may have connected a wrong Yealink device.
2. Use the correct power supply.

Some dust, etc., may be in the port.
1. Clean the port.

Contact your dealer or authorized service facility for any further questions.

Contact Information

YEALINK NETWORK TECHNOLOGY CO.,LTD.
No.666 Hu'an Rd,Huli District Xiamen City, Fujian, P.R.C
YEALINK (EUROPE) NETWORK TECHNOLOGY B.V.
Sir Winston Churchillln 299 k, 2288DC Rijswijk
YEALINK (USA) NETWORK TECHNOLOGY CO., LTD.
999 Peachtree Street Suite 2300, Fulton, Atlanta, GA, 30309, USA
Made in China

CE

Declaration of Conformity

We,

YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD

Address: No.666 Hu'an Rd. Huli District Xiamen City, Fujian, P.R. China

Manufacturer: YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD

Address: No.666 Hu'an Rd. Huli District Xiamen City, Fujian, P.R. China

DATE: 29 / July/2024

declare that the product

Type: Ceiling Microphone

Model: CM50

meets the essential requirements and other relevant provisions according to the following EC directive

Directive: 2014/30/EU, 2014/35/EU

Conformity

The product complies with the following standards:

Safety : **EN 62368-1:2020+A11:2020**

EMC:: **EN 55032:2015+A11:2020**

EN 55035:2017+A11:2020

EN IEC 61000-3-2: 2019+A1:2021

EN 61000-3-3: 2013+A1:2019

Harmonized: UN-EN62321

Directive 2011/65/EU and (EU)2015/863 of the European Parliament and of the Council of 8 June 2011 and 4 June 2015 on the restriction of the use of certain hazardous substances in electrical and electronic equipment(RoHS 2.0)

Directive 2012/19/EU of the European Parliament and of the Council of 4.July.2012 on Waste electrical and electronic equipment(WEEE)

Regulation (EC) No.1907/2006 of the European Parliament and of the Council of 18.December.2006 on Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH)

The declaration of conformity is issued under the sole responsibility of the manufacturer

NAME: Huahu Wang Huahu Wang

DATE: July/29/2024

TITLE: Manager