The Yealink MP54&MP56&MP58 Zoom Phone Deployment Guide V1.0

Contents

Yealink MP54&MP56&MP58 Zoom Phone Introduction

The MP54/MP56/MP58 Zoom Phone is a deep collaboration between Yealink and Zoom. The MP54/MP56/MP58 has built-in Bluetooth and Wi-Fi, integrated USB 2.0 interface, a large screen and dedicated Zoom button to give users a more convenient and intuitive operating experience. High-fidelity sound quality and noise cancellation allow users to get a rich, clear, and immersive meeting experience. The MP54/MP56/MP58 is deeply integrated with Zoom Rooms control software, allowing you to easily open conference calls and manage your meetings directly through the display screen.

This guide applies to the following firmware versions of the 122.30.0.10.rom or later.

- Hardware Overview
- Related Documents
- Technical Specifications

Hardware Overview

This chapter mainly introduces the hardware of the MP54&MP56&MP58 Zoom phones.

- MP54
- MP56
- MP58
- BTH58
- LED Indicator Introduction

MP54
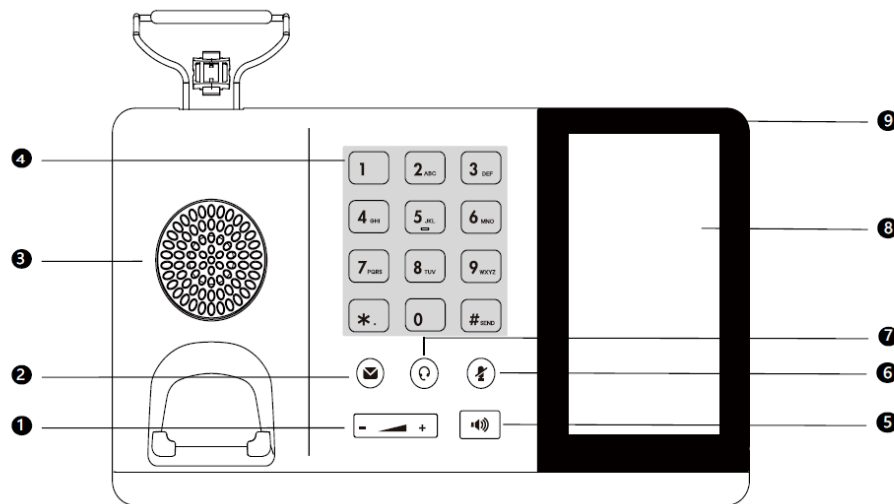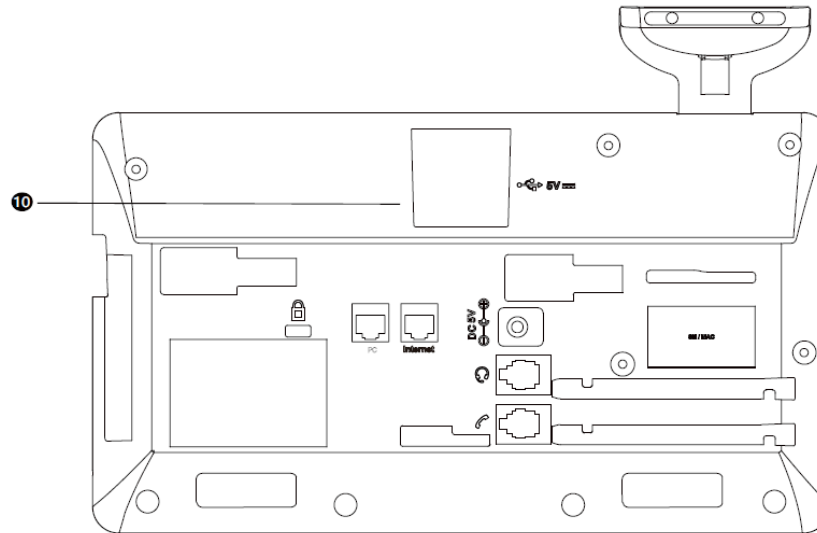
	Name	Description
1	Volume Key	Adjust the volume of the handset, headset, speakerphone and ringer.
2	Messages Key	Connect to the voice mail.
3	Speaker	Provide speakerphone audio output.
4	Keypad	Provide input for numbers, upper and lower case letters, and other special characters.
5	Speakerphone Key	Have calls in speakerphone mode. When the speakerphone mode enabled, the LED indicator glows green.
6	Mute Key	Mute the local audio during calls and meetings. When the local call is muted, the LED indicator glows red.
7	Headset Key	Have calls in headset mode. When the headset mode is enabled, the LED indicator glows green.
8	Touch Screen	7-inch touch screen, tap the touch screen to select the corresponding options.
9	Power LED Indicator	Indicates the status of the phone.
10	USB2.0 Port	Connect to a USB flash drive/mouse/wireless keyboard & mouse and other accessories.

MP56
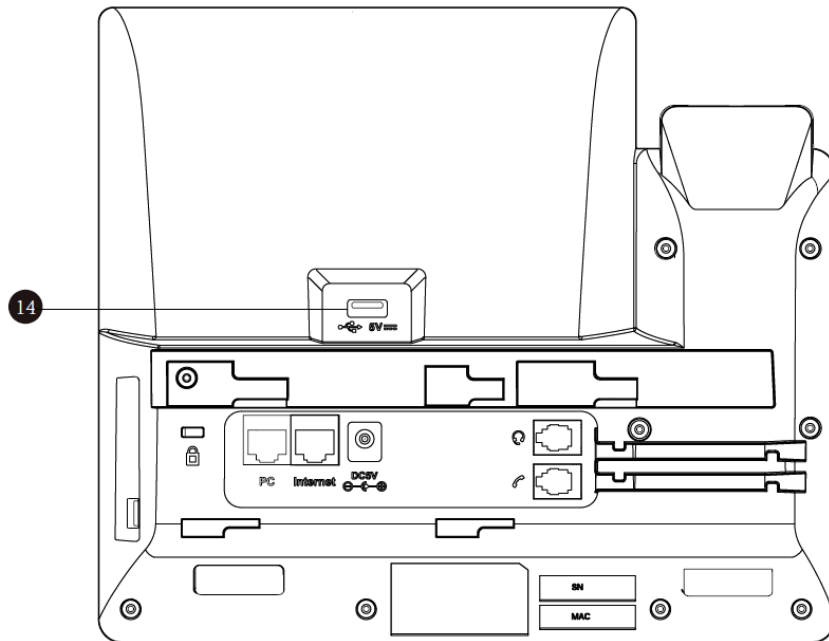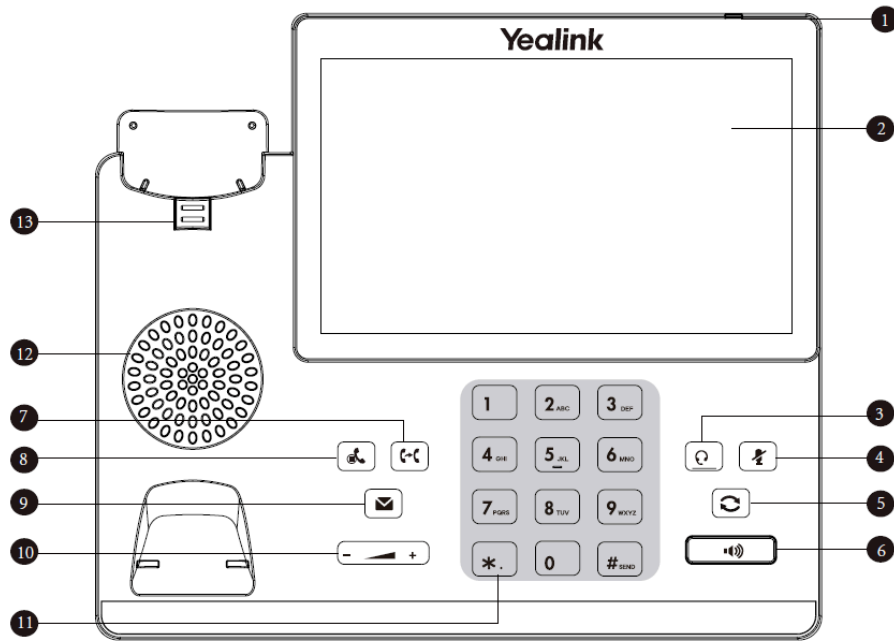
	Name	Description
1	Power LED Indicator	Indicates the status of the phone.
2	Touch Screen	7-inch touch screen, tap the touch screen to select the corresponding options.

	Name	Description
3	Headset Key	Have calls in headset mode. When the headset mode is enabled, the LED indicator glows green.
4	Mute Key	Mute the local audio during calls and meetings. When the local call is muted, the LED indicator glows red.
5	Redial Key	Redial the number.
6	Speakerphone Key	Have calls in speakerphone mode. When the speakerphone mode enabled, the LED indicator glows green.
7	Transfer Key	Transfer the call to another party.
8	Hold Key	Hold a call or resume a hold call.
9	Messages Key	Connect to the voice mail.
10	Volume Key	Adjust the volume of the handset, headset, speakerphone and ringer.
11	Keypad	Provide input for numbers, upper and lower case letters, and other special characters.
12	Speaker	Provide speakerphone audio output.
13	Reversible Tab	• Picking up the handset from the handset cradle, the phone connects to the line. • Laying the handset on the handset cradle, the phone disconnects from the line.
14	USB2.0 Port	Connect to a USB flash drive/mouse/wireless keyboard & mouse and other accessories.

MP58

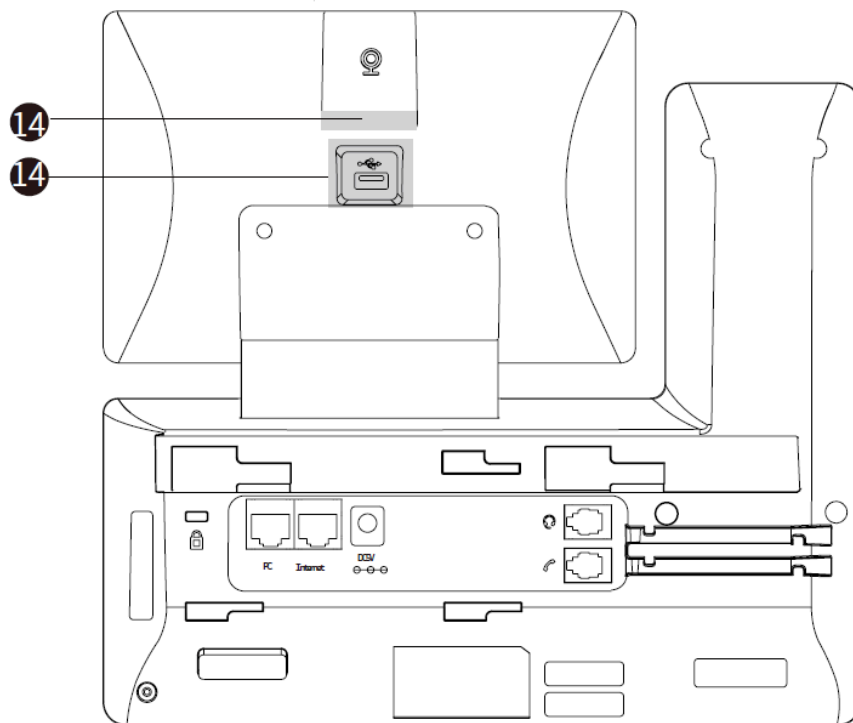|	Name	Description
1	Reversible Tab	• Picking up the handset from the handset cradle, the phone connects to the line. • Laying the handset on the handset cradle, the phone disconnects from the line.
2	Speaker	Provide speakerphone audio output.
3	Transfer Key	Transfer the call to another party.
4	Hold Key	Hold a call or resume a hold call.
5	Messages Key	Connect to the voice mail.
6	Volume Key	Adjust the volume of the handset, headset, speakerphone and ringer.
7	Power LED Indicator	Indicates the status of the phone.
8	Touch Screen	7-inch touch screen, tap the touch screen to select the corresponding options.
9	Keypad	Provide input for numbers, upper and lower case letters, and other special characters.
10	Headset Key	Have calls in headset mode. When the headset mode is enabled, the LED indicator glows green.
11	Mute Key	Mute the local audio during calls and meetings. When the local call is muted, the LED indicator glows red.

	Name	Description
12	Redial Key	Redial the number.
13	Speakerphone Key	Have calls in speakerphone mode. When the speakerphone mode enabled, the LED indicator glows green.
14	USB2.0 Port	Connect to a USB flash drive/mouse/wireless keyboard & mouse and other accessories.

BTH58
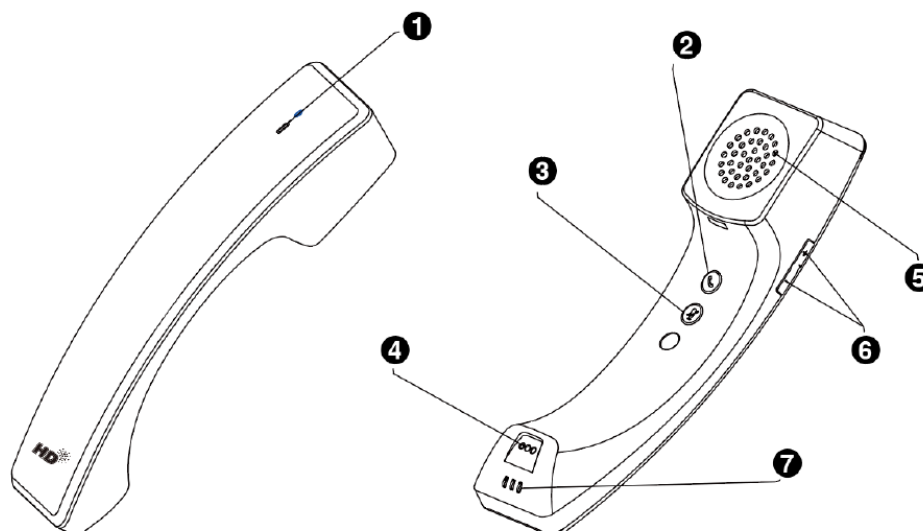
	Name	Description
1	LED Indicator	Indicates handset statuses.
2	Hookswitch Key	• Answer/Reject/Hang up a call. • Long press 3s to turn on the handset. • Long press 8s to turn off the handset.
3	Mute Key	Toggles and indicates the mute feature.
4	Microphone	Provides audio input during calling.
5	Speaker	Provides audio output during calling.
6	Volume Control Keys	Adjust the volume of the handset and the phone.
7	Charging Contacts	Place the handset on the phone handset cradle, the handset starts charging.

LED Indicator Introduction

You can know the status of the device through the LED Indicator.

Power LED Indicator of the MP54/MP56/MP58:

LED Indicator Status	Description
Off	The device is powered off or idle.
Solid red	The device is initializing.
Fast-flashing red (300 milliseconds)	The device is ringing.
Slowly-flashing red (1s)	The device receives voice mails.

Power LED Indicator of the BTH58:

LED Indicator Status	Description
Solid green	The handset charges fully.
Green for 1s	The handset turns on.
Fast-flashing orange	The handset is pairing with the phone.
Slowly-flashing orange	The handset is reconnecting.
Orange for 1s	The handset is connected to the phone.
Fast-flashing red	Receives a call and the handset is not on the phone handset cradle.
Slowly-flashing red	The handset's battery is low.
Solid red	The handset is charging.
Red for 3s	The handset turns off automatically.
Red and green flashing alternately	The handset is finding the phone.
Red, green and orange flashing alternately	The handset is upgrading.

Related Documents

The following related documents are available:

- Yealink MP54 Zoom Edition Quick Start Guide (EN, CN, DE, FR, ES) V1.0
- Yealink MP56 Zoom Edition Quick Start Guide (EN, CN, DE, FR, ES) V1.0
- Yealink MP58 Zoom Edition Quick Start Guide (EN, CN, DE, FR, ES) V1.0

Technical Specifications

MP54:

Operating System	Android 9.0
Software	Zoom Rooms
Processor/SSD/RAM	PX30

Port	1 x USB2.0 port. 1 x RJ9 (4P4C) handset port. 1 x RJ9 (4P4C) headset port. 1 x 10/100/1000M Gigabit Ethernet port. 1 x Power port. 1 x Security slot

MP56:

Operating System	Android 9.0
Software	Zoom Rooms
Processor/SSD/RAM	PX30
Port	1 x USB2.0 port. 1 x RJ9 (4P4C) handset port. 1 x RJ9 (4P4C) headset port. 1 x 10/100/1000M Gigabit Ethernet port. 1 x Power port. 1 x Security slot

MP58:

Operating System	Android 9.0
Software	Zoom Rooms
Processor/SSD/RAM	PX30
Port	2 x USB2.0 port. 1 x RJ9 (4P4C) handset port. 1 x RJ9 (4P4C) headset port. 1 x 10/100/1000M Gigabit Ethernet port. 1 x Power port. 1 x Security slot

Deployment and Connection

This chapter mainly introduces the deployment and connection of the MP54&MP56&MP58 Zoom phones.

- Deployment and Connection of the MP54
- Deployment and Connection of the MP56
- Deployment and Connection of the MP58
- Yealink MP54/MP56/MP58 Zoom Phone Deployment Solution

Deployment and Connection of the MP54
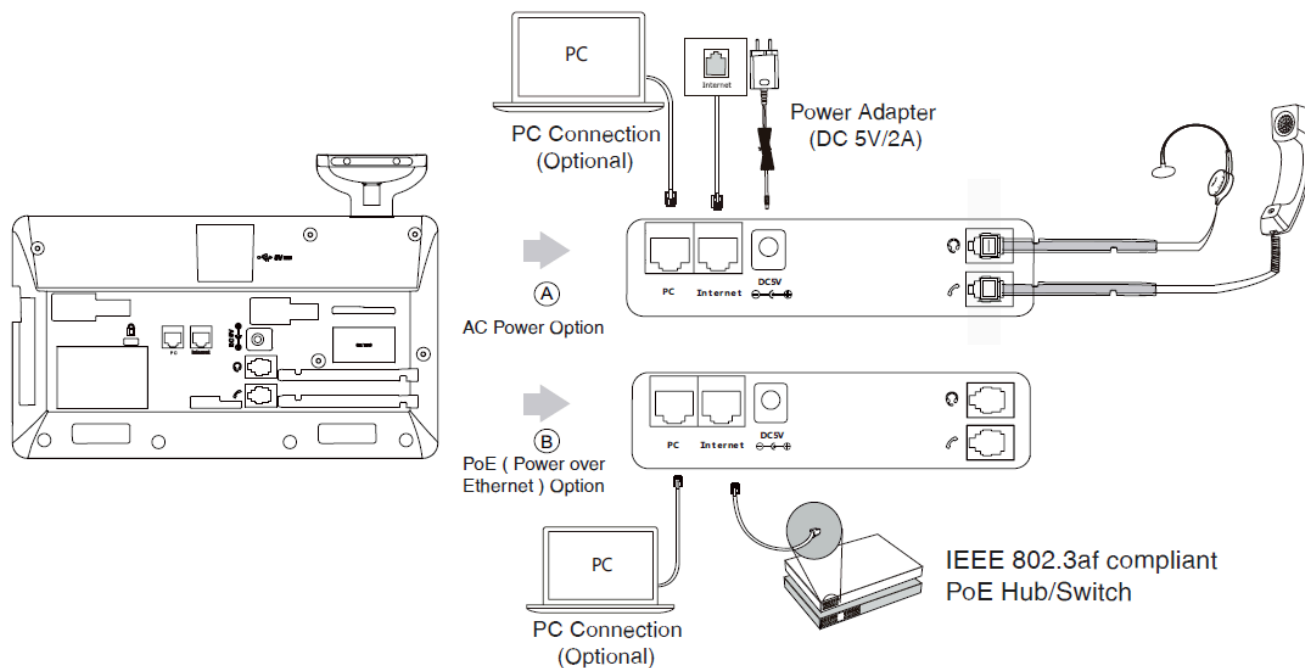
> 📝 **Note:** For more information about how to install and deploy the device, refer to the Quick Start Guide of the MP54.

Deployment and Connection of the MP56
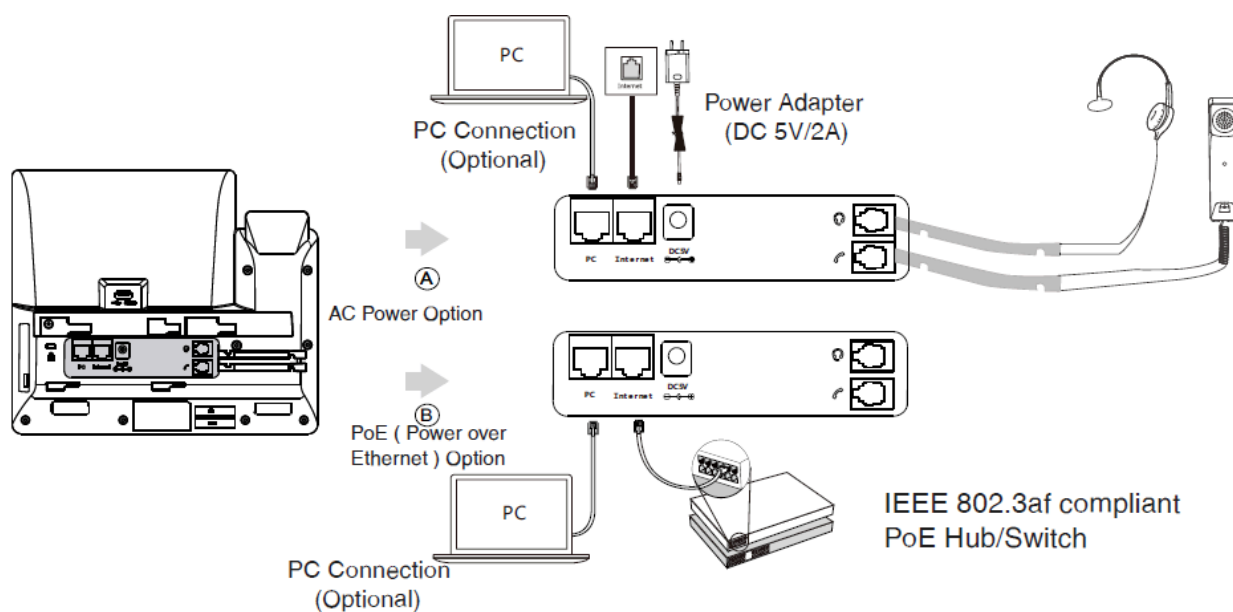
> 📝 **Note:** For more information about how to install and deploy the device, refer to the Quick Start Guide of the MP56.

Deployment and Connection of the MP58
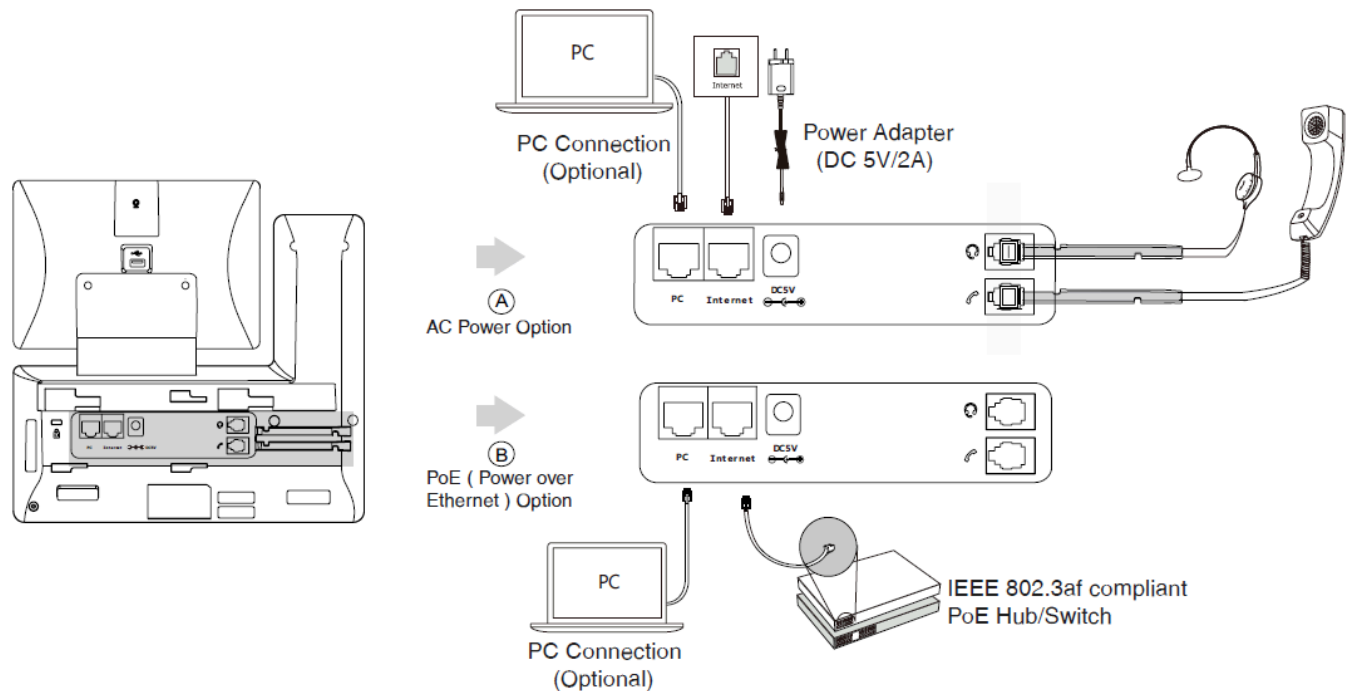
> **Note:** For more information about how to install and deploy the device, refer to the Quick Start Guide of the MP58.

Yealink MP54/MP56/MP58 Zoom Phone Deployment Solution

The MP54/MP56/MP58 Zoom Phone is a personal all-in-one conference room device that can be used as a phone for personal daily office use on the desktop.

Initial Setup

When the MP54/MP56/MP58 starts up, the Zoom phone control software is automatically loaded, and the operation management will be conducted through the touch screen after the initial operation.

Procedure

Select the desired language and tap **Next** to go to the Zoom Rooms page.

Signing in to/Signing out of Your Zoom Rooms Account

- Signing in to Your Zoom Account
- Signing out of Your Zoom Account

Signing in to Your Zoom Account

Procedure

1. Tap **Sign In** on the start screen.

   MP54:
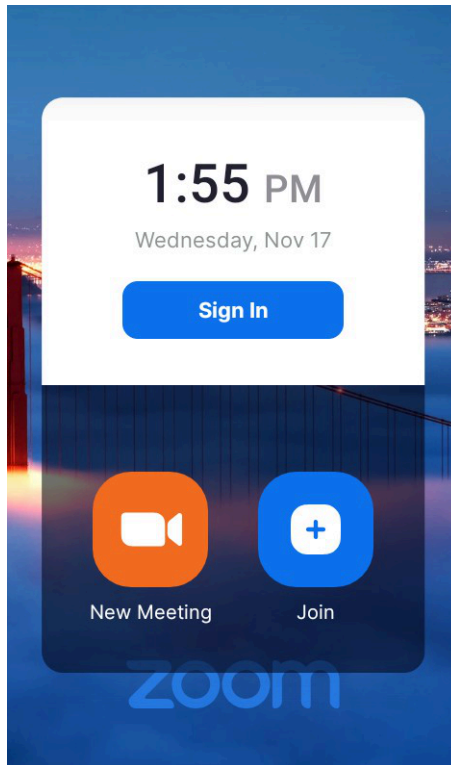
   MP56&MP58:
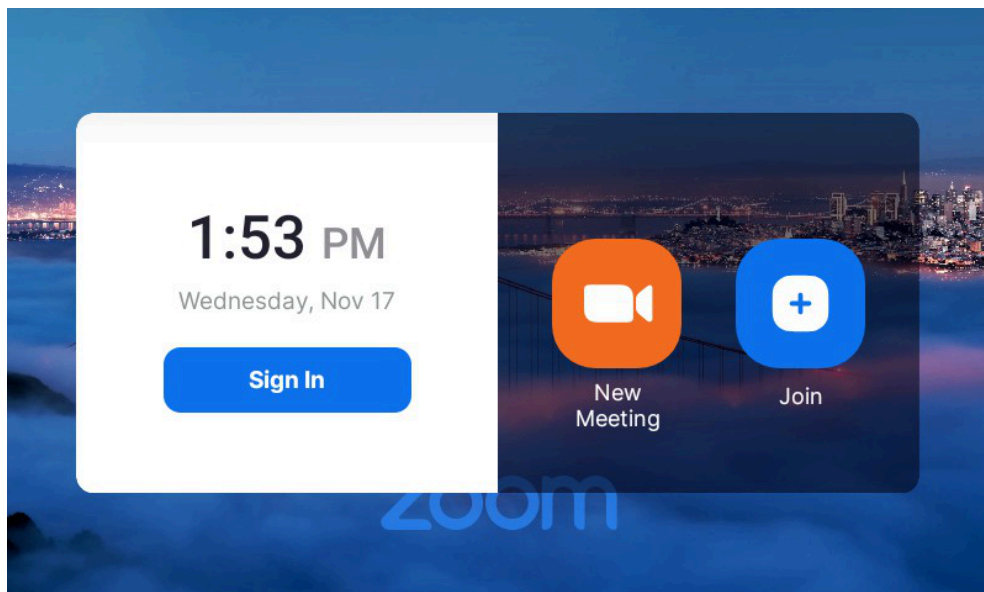
2. Select the desired method: enter the email and password.

   • Sign in to the Zoom Rooms account on the web page (https://go.zoom.us/signin) and enter the pairing code displayed on the MP54/MP56/MP58 according to the web page prompts.

     Zoom Rooms account will be signed in successfully.

   • Tap **Sign In with Email** at the bottom, enter the email and password on the MP54/MP56/MP58, and tap **Sign In**.

Signing out of Your Zoom Account

Procedure

1. On the idle screen, tap **More** > **Sign Out**.
   The device prompts if you are sure you want to sign out.

2. Tap **Sign Out**.

Basic Features That Can Be Operated By The Phone

After signing into your account on the MP54/MP56/MP58, you can use the following basic features.

MP54:
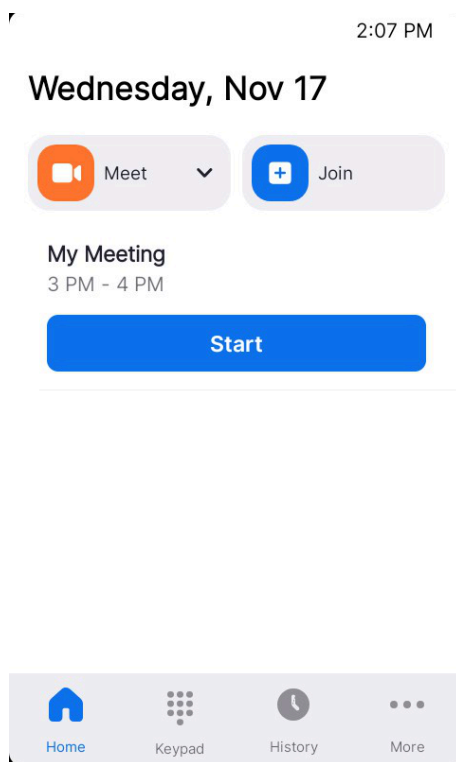
MP56:
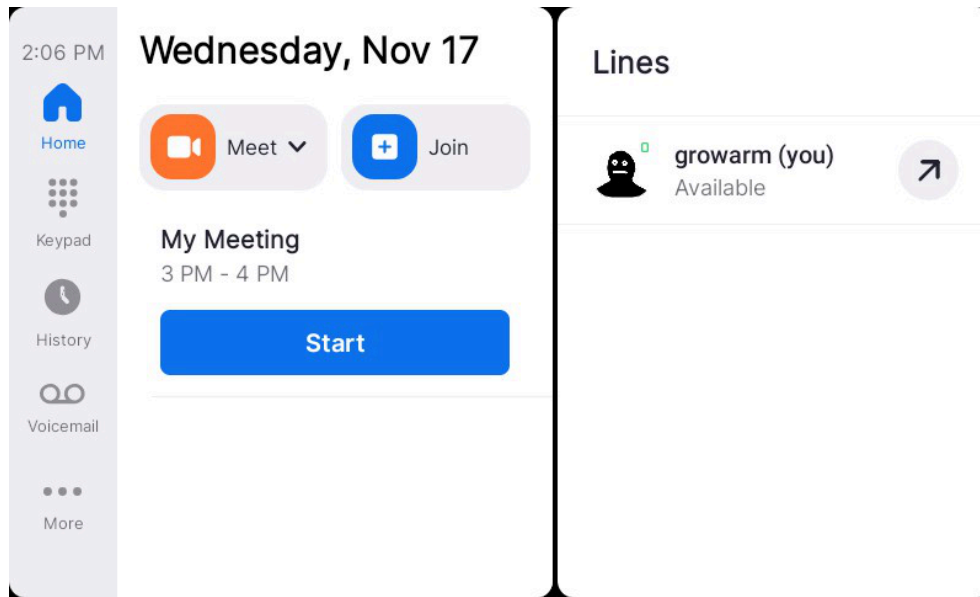
MP58:
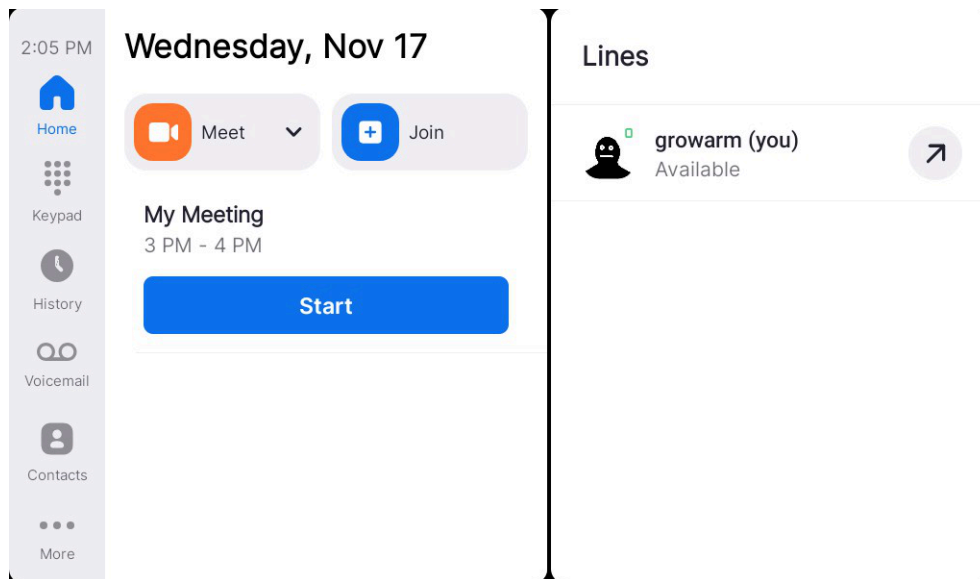
- **Meet**: tap **Meet** to initiate a meeting immediately.
- **Join**: tap **Join** and enter the Meeting ID or Personal Link Name to join a meeting.
- **Meeting List**: tap **Start** to start a scheduled meeting.
- **Keypad:** tap 📞 to dial a number.
- **History:** show all call records including missed, incoming and outgoing calls.
- **Voicemail:** show all voice messages.
- **Contacts:** show all contacts.
- **More:** tap **More** > **Settings** to check the status of the connected microphone, and speakers or make basic settings.

   Go to **More** > **Settings** > **General**, you can check the firmware version and Zoom version.

   Go to **More** > **Settings** > **General** > **System Settings**, you can make basic settings for the device.

- In the meeting control screen, you can do the following:

  - Mute/unmute microphones
  - Show/hide the local video
  - Share screen
  - View/manage meeting participants
  - Invite other participants to the meeting
  - Change view
  - Use the whiteboard
  - Device settings (select the microphone, speaker, and so on)
  - Control the meeting volume
  - Security
  - View chat
  - Leave/end the meetings
  - Breakout Rooms

For more information on Zoom Rooms, please visit Zoom Rooms Help Center.

System Security

- System Lock Settings
- Changing the Administrator Password

System Lock Settings

The screen lock setting is used to protect the user's privacy. After the user has not used the device for a long time, the device will be locked.

Procedure

1. Tap **More** > **Settings** > **General** > **Screen Lock**.
2. Turn on/off **Screen Lock**.
3. Enter PIN code according to the on-screen prompts.

Changing the Administrator Password

The default administrator username of the MP54/MP56/MP58 is "admin" and password is "admin". Only the administrator has access to network settings, log settings, and to change the administrator password. For security reasons, we recommend that you change the default administrator password as soon as possible.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Admin Password**.
2. Enter the admin password (defaults to "admin") and tap **Enter**.
3. Enter the old password, the new password, the confirmed password, and save the change.

System Settings

The system settings support basic (language and display, etc.) and advanced settings (network and log, etc.) for the MP54/MP56/MP58.

- Setting the Language
- Setting the Time and Date
- Adjust the Backlight and Backlight Time.
- Set the Screen Saver Type and Waiting Time.
- Using Web User Interface

Setting the Language

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System settings** > **Language**.
2. Select the desired language.

   It prompts whether you are sure perform the action.
3. Confirm the action.

Setting the Time and Date

You can manually set the current the time and date. The format of the time is configurable.

- Customizing the Time and Date
- Editing Time and Date

Customizing the Time and Date

About this task
If the system cannot automatically obtain the precise time, you can manually enter the current time and date.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Time & Date**.
2. In the **Type** field, select **Manual Settings**.
3. Set the time and date.

Editing Time and Date

You can change the time display format in 12-hour or 24-hour format.

Procedure

On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Time & Date** > **Time Format**.

Adjust the Backlight and Backlight Time.

You can adjust the brightness of the screen when the device is in use.

About this task

Backlight Active Level: The brightness of the screen when the device is in use.

Backlight Time (seconds): How long the device should be idle before the screen dims. You can set the backlight time to the following types:

- **Always On:** The backlight is permanently switched on.
- **15s, 30s, 1 min, 2 min, 5 min, 10 min, 30 min or 1h:** The backlight will change after the device has been idle for more than the set time.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Display** > **Backlight** .
2. Adjust the backlight brightness in the Backlight Active Level field.
3. Select the desired time in the **Backlight Time** field.
4. Save the change.

Set the Screen Saver Type and Waiting Time.

When the device has been in standby for a period of time, it will automatically enter the screen saver state. You can tap the screen or any key to exit screen saver mode. You can set the screen saver type and waiting time manually.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Display** > **Screen Saver**.
2. Select the desired time in the **Screensaver Waiting Time** field.
3. Select the **Screen Saver Type**.
4. Save the change.

Using Web User Interface

The MP54/MP56/MP58 allows the administrator to access the web user interface, including configuring the network settings, upgrading firmware, and exporting the log, and so on.

- Configuring the Web Server Type
- Logging into the Web User Interface

Configuring the Web Server Type

The web access protocol determines how the MP54/MP56/MP58 web interface is accessed. The MP54/MP56/MP58 supports accessing to the web interface using both HTTP and HTTPS, with HTTPS used by default. If you disable the desired protocol, you cannot access the web user interface via this protocol.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Network**.
2. Enter the admin password (defaults to "admin") and tap **Enter**.

3. On **Web Server** field, turn on/off the appropriate web server type, configure the port and save it.

Parameter	Description
HTTP	Enable or disable users to access the web interface of the phone using the HTTP. **Default**: Disabled.
HTTPS	Enable or disable users to access the web interface of the phone using the HTTPS. **Default**: Enabled.

Logging into the Web User Interface

After powering on the MP54/MP56/MP58, open the browser on the computer to log into the web user interface. The default administrator username is "admin" and password is "admin".

About this task

📝 **Note:** We recommend that you use the Chrome or Internet Explorer 11 to access the web user interface. Some features may not work properly if you are using other or older browsers.

Procedure

1. Open a web browser and enter the device IP address in the address bar. For example, http(s)://10.82.24.11/, and press Enter.

   The device IP address can be obtained in **More** > **Settings** > **General** > **System Settings** > **About**.

2. Enter the administrator username and the password.

3. Click **Login**.

   ⚠ **Attention:** The web user interface will be locked after 3 failed login attempts. Please contact your support team or try again 3 minutes later.

   📝 **Note:** Use the parameter *wui.security.var.enable = 1* to enable the var login permission on the web side.

Network Settings

This chapter introduces how to configure the network of the MP54/MP56/MP58.

- Configuring IPv4 Network
- Connecting to the Wireless Network
- Configuring LLDP
- Configuring the 802.1x Authentication

Configuring IPv4 Network

The MP54/MP56/MP58 only supports IPv4 mode and you can configure the MP54/MP56/MP58 for IPv4 networks.

- Selecting Network Mode
- Configuring IPv4 Network

Selecting Network Mode

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Network**.
2. Enter the admin password (defaults to "admin") and tap **Enter**.
3. Tap **IP Mode** and select **IPv4**.

Configuring IPv4 Network

The MP54/MP56/MP58 supports automatic acquisition of network parameters via DHCPv4. You can also choose to manually configure the IPv4 network.

Before you begin
Make sure that the network mode is set to IPv4.

Procedure

1. On idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Network (Admin password defaults to "admin")** > **IP Mode**.
2. Configure and save the following settings:

Parameter	Description
DHCP	Enable or disable the device to obtain network settings using DHCP. **Note**: It defaults to enabled. Change causes system to restart or reboot.
IP Address	Configure the static IP address of the device. **Note**: It is configurable only when you disable the DHCP. Change causes system to restart or reboot.
Subnet Mask	Configure the subnet mask of the device. **Note**: It is configurable only when you disable the DHCP. Change causes system to restart or reboot.
Gateway	Configure the gateway of the device. **Note**: It is configurable only when you disable the DHCP. Change causes system to restart or reboot.
IPv4 Static DNS	Enable or disable the DNS feature. **Note**: It defaults to disabled. Change causes system to restart or reboot.
Pri.DNS	Configure the IP address of the primary DNS server. Note: In the DHCP environment, you can configure this parameter only when you enable the IPv4 Static DNS feature. Change causes system to restart or reboot.

Parameter	Description
Sec.DNS	Configure the IP address of the secondary DNS server. **Note**: In the DHCP environment, you can configure this parameter only when you enable the IPv4 Static DNS feature. Change causes system to restart or reboot.

Connecting to the Wireless Network

You can use the following two methods to connecting the MP54/MP56/MP58 to the wireless network:

- Connecting to an available wireless network
- Connecting to a Hidden Wireless Network

- Connecting to the Wireless Network
- Connecting to a Hidden Wireless Network

Connecting to the Wireless Network

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Wi-Fi**.
2. Turn on the **Wi-Fi**.
   The device will automatically search and list the available wireless networks nearby.
3. Select the appropriate wireless network (SSID) and connect to it.

   If the network is secure, enter its password to connect to the network.

Connecting to a Hidden Wireless Network

If the SSID broadcast of the wireless network hotspot device is disabled, the device will not be able to search for this wireless network and you will need to add the wireless network manually.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Wi-Fi**.
2. Turn on the **Wi-Fi**.
   The device will automatically search and list the available wireless networks nearby.
3. Tap ⋮ in the top right corner.
4. Select **Add**.
5. Enter the name (SSID) of the wireless network in the pop-up window.
6. Select the appropriate mode from **Security**.
7. Configure the appropriate options.
8. Save the change.

Configuring LLDP

LLDP is the link layer discovery protocol, which allows device to advertise its device identification and performance in the local subnet. Also, this protocol allows the device to save the information of itself and

neighboring devices for the network management device to query and judge the communication status of the link.

About this task

When LLDP feature is enabled, the device will periodically send LLDP packets to neighboring devices. The device can also receive LLDP packets from the connected switches and obtain their VLAN IDs, and then start communications with the call control. The switch assigns a VLAN ID to the device through the LLDP.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Network (Admin password defaults to "admin")** > **LLDP**.
2. Configure and save the following settings:

Parameter	Description
LLDP Status	Enable or disable the LLDP feature on the system. **Note**: it defaults to disabled. Change causes system to restart or reboot.
Packet Interval	Configure the interval (seconds) for the system to send LLDP packets. **Note**: it defaults to 60 seconds. The value can be any integer from 1 to 3600. Change causes system to restart or reboot.

Configuring the 802.1x Authentication

The 802.1X protocol can restrict unauthorized devices from accessing the LAN through the access port. 802.1X authenticates the devices connected to the port before the MP54/MP56/MP58 gets the various services.

About this task

The MP54/MP56/MP58 supports using the following protocols to transmit credentials for 802.1X authentication:

- EAP-MD5
- EAP-TLS
- PEAP-MSCHAPv2
- EAP-TTLS/EAP-MSCHAPv2
- EAP-PEAP/GTC
- EAP-TTLS/EAP-GTC
- EAP-FAST

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Network (Admin password defaults to "admin")** > **802.1x**.

2. Configure and save the following settings:

Parameter	Description
802.1xMode	Disable the 802.1x authentication function of the device or specify the authentication protocol. • EAP-None • EAP-MD5 • EAP-TLS • PEAP-MSCHAPv2 • EAP-TTLS/EAP-MSCHAPv2 • EAP-PEAP/GTC • EAP-TTLS/EAP-GTC • EAP-FAST **Note**: it defaults to disabled. Change causes system to restart or reboot.
Identity	Configure the user name for 802.1x authentication. **Note**: it defaults to blank. Change causes system to restart or reboot.
MD5 Password	Configure the password for 802.1x authentication. **Note**: it defaults to blank. Change causes system to restart or reboot.

Troubleshooting

This section describes solutions to common issues that may occur while using Yealink Zoom Rooms. Upon encountering a case not listed in this section, contact your Yealink reseller for further support.

• Upgrading the Firmware
• Logs
• Rebooting the System
• Resetting to Factory Settings

Upgrading the Firmware

We support the following two methods for upgrading the device.

• Upgrading Firmware via the Web User Interface
• Upgrading via Yealink Management Cloud Service or Yealink Device Management Platform

Note: If you want to upgrade your device firmware from a version other than Teams to Zoom Room and have not imported a third-party license, you need to sign in to the web page interface and go to **Security** > **License** > **Import License** to import a third-party license before you can use your device properly. Contact Yealink for the license.

For more information about how to upgrade firmware on Yealink Management Cloud Service or Yealink Device Management Platform, refer to Yealink Device Management Platform Administrator Guide and Yealink Management Cloud Service Administrator Guide.

- Upgrading Firmware via the Web User Interface

Upgrading Firmware via the Web User Interface

Procedure

1. Logging into the Web User Interface.
2. Go to **Settings** > **Upgrade**.
3. On the right side of **Upgrade Firmware**, click **Browse** to upload the desired firmware.
4. Click to **Upload**.

Logs

Log files are essential when troubleshooting the issues of MP54/MP56/MP58. When there is a problem with the device, the technical support engineer of Yealink can use the log files for troubleshooting. You can also export log files of the MP54/MP56/MP58 to the local PC or to a specific syslog server.

- Setting the Severity Level of the Local log
- Exporting Logs to the Local

Setting the Severity Level of the Local log

Procedure

1. Perform either of the following:
   - Tap **More** > **Settings** > **General** > **System Settings** > **Debug**.

     Enter the admin password (defaults to "admin") and tap **Enter**.
   - Log into the web user interface of the device, **Settings** > **Configuration** > **Local Log**.

2. Configure and save the following settings:

Parameter	Description	Configuration Method
Log Level/Local Log Level	Specify the log level for the device. **0**-emerg: the system is unavailable **1**-aler: action must be taken immediately **2**-crit: critical condition **3**-err: error conditions **4**-warning: warning conditions **5**-notice: normal but significant condition **6**-info: informational **Note:** It defaults to 6. The smaller the number is, the higher the priority is. Higher value indicates more detailed content.	Web user interface The device
Max Log File Size (2048-20480KB)	Limit the maximum size of the exported log (kb). **Default**: 20480.	Web user interface

Exporting Logs to the Local

Procedure

1. Logging into the Web User Interface.
2. On the web interface, select **Settings** > **Configuration** > **Local Log**.
3. In the **Enable Local Log** field, select **On**.
4. Reproduce the issue.
5. Click **Export**.

> **Note:** The severity level of the exported Module Log will not be greater than the local Log Level. For example: If you set Local Log Level to 3 and set Talk log Level to 6, the exported Talk log Level will still be 3 in your exported local log. If you set Local Log Level to 5 and set Talk log Level to 4, the exported Talk log Level will be 4 in your exported local log.

Rebooting the System

You can reboot the system.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Reboot** > **Reboot phone**.
2. Tap **OK** to reboot the device.

Resetting to Factory Settings

Generally, some common issues may occur when using the system. You can reset your device to factory settings after you have tried all troubleshooting suggestions.

Procedure

1. On the idle screen, tap **More** > **Settings** > **General** > **System Settings** > **Debug**.
2. Enter the admin password (defaults to "admin") and tap **Enter**.
3. Select **Reset to Factory Settings**.

    The page prompts whether you are sure to reset.
4. Tap **OK**.