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Before You Begin

This guide helps you quickly get started with your DT-200 IP phone.

Before installation, please make sure your phone is properly connected to the network. For DT-200D, a stable internet connection via Ethernet, Wi-Fi, or 4G is required. For DT-200A, you also need to insert a valid SIM card to use VoLTE calling features.

We recommend reading the included Quick Installation Guide to familiarize yourself with hardware setup and basic functions.

Note that some features may depend on your service provider or enterprise configuration and might not appear on all devices.

This manual is based on software version 2024.10.15. For the latest updates or support, please visit our website or contact technical support.

This user guide contains information for the following Frontier IOT products:

- DT-200D
- DT-200A

Product Introduction and Key Features

The DT-200 series includes two models: DT-200A and DT-200D, both designed for professional office use with a smart color touchscreen and rich telephony features.

DT-200A - VoLTE + VoIP Dual-Mode Phone:

Ideal for users who need both SIM-based mobile calling and internet-based VoIP.

Key Features:

- Supports **VoLTE** calling via **SIM card** (no landline or cable required)
 - Also supports **SIP VoIP** service via Ethernet or Wi-Fi
 - **4.3" color touchscreen** with up to **116 programmable DSS keys**
 - **HD audio, headset support, and echo cancellation**
 - **Android OS** with access to apps and **remote configuration**
 - **Location-based E911** address prompt for safety compliance
-

DT-200D - VoIP-Only with Flexible Connectivity:

Perfect for offices using only VoIP services.

Key Features:

- Supports **SIP** calling over Ethernet, **Wi-Fi**, or **4G LTE**
 - **4.3" color touchscreen** with up to **116 DSS keys**
 - **Built-in speakerphone** and **headphone jack** for hands-free use
 - **HD voice**, **QoS**, **encryption**, and **remote provisioning**
 - Powered via adapter or optional battery for short-time backup
-

You Phone

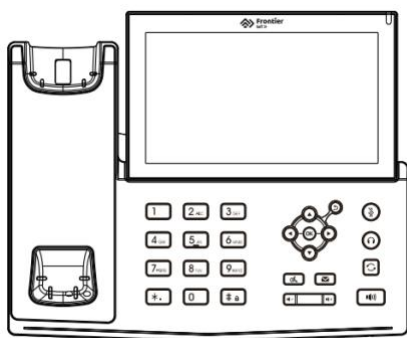
This section introduces the physical layout, button functions, screen icons, and audio options of your DT-200 phone.

You'll learn how to identify key components, understand LED indicators, navigate the touch interface, and use

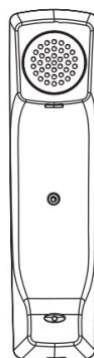
the handset, speakerphone, or headset—whether wired or Bluetooth-enabled.

Whether you're setting up for the first time or getting familiar with advanced features, this chapter helps you operate the phone with confidence.

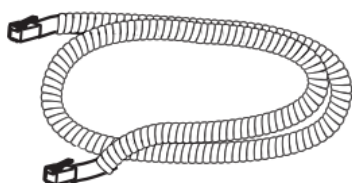
Packing list



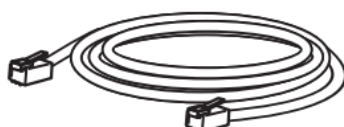
IP Phone



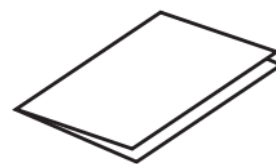
Handset



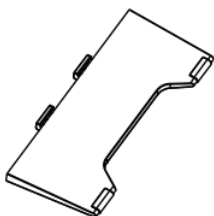
Handset Cord



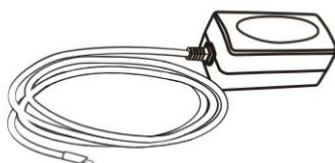
Ethernet Cord



Quick Installation Guide



Stand

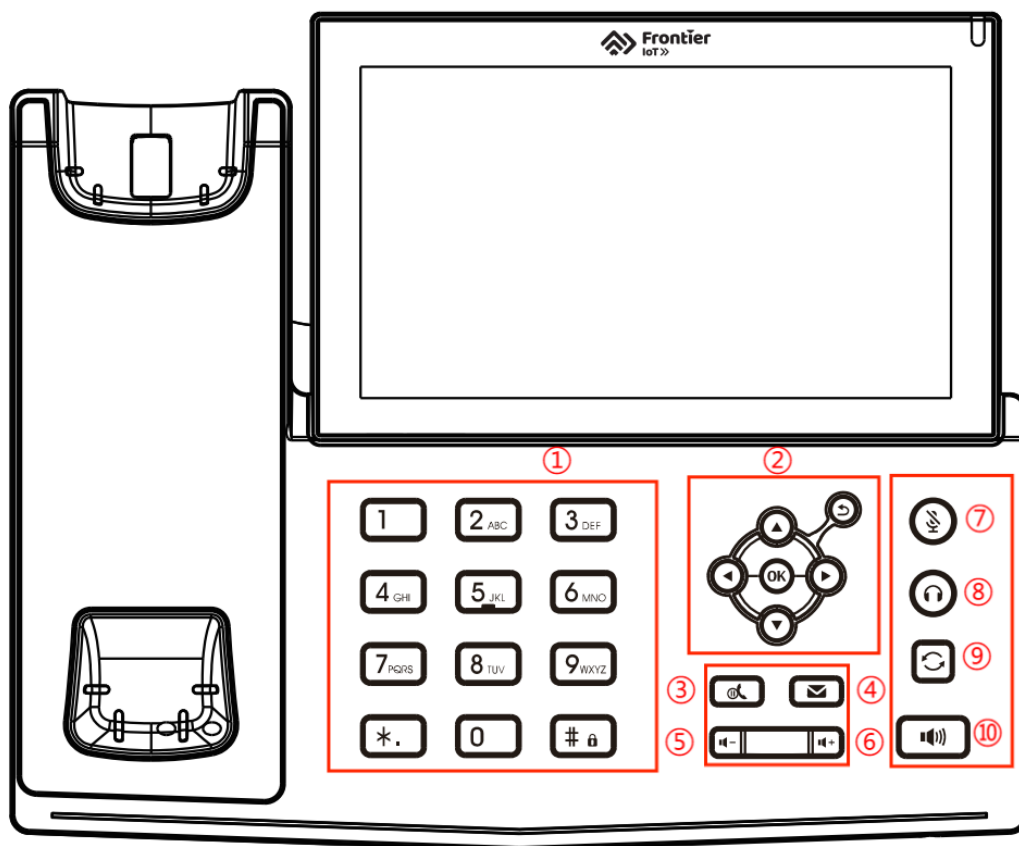


Power Adapter (Optional)



Screwdriver

Instruction of Keypad



Number	The keypad names	Instruction
①	DTMF Key	These 12 standard phone keys provide standard phone button functionality. At the same time, certain long key presses can be triggered to provide special functions.

②	Navigate/ OK key /Return Keys	The user can press the up/down navigation key to change the line or move the cursor in the screen list. On some Settings and text editing pages, the user can press the left/right navigation key to change options or move the cursor in the screen list to the left/right. OK key: Default is equivalent to soft button confirmation, user can customize the function. Return key: It will return to the upper menu under any interface and can be used to return to the standby desktop when making a call or when making a call. (In addition to the “Emergency address” pop-up interface)
③	Hold Key	Press the "Hold" key during the call, the user can hold the call, and press it again to cancel the holding and restore the normal call state.
④	Voice Mail Key	Press the "voice mail" button, and the user enters the interface of voice mail list.
⑤	Volume Down Key	In the standby state, ring and ring configuration interface, press this button to reduce the ring volume; Press this button to lower the volume on the call or volume adjustment screen.
⑥	Volume Up Key	In the standby state, ring and ring configuration interface, press this button to increase the ring volume; Press this button to increase the volume on the call or volume adjustment screen.
⑦	Mute Key	During a call, the user can press this key to mute the microphone. In standby mode, the user can press this key to mute incoming calls and the soft keyboard.
⑧	Headset Key	Users can press this key to open the headset channel
⑨	Redial Key	Press the Redial key to redial the last number dialed
⑩	Hands-free Key	The user can press this key to open the audio channel of the speakerphone.

Icons in the telephone display

This section provides an overview of the icons and LED indicators displayed on the DT-200's screen, helping users quickly understand call status, network connection, and other phone functions.

Keypad Icons

Icons	Description
	Message indicator
	Up/down/left/right navigation keys, Return key OK key, Shortcut to Menu Return key, Go back to the previous directory
	Hold key, Hold/Resume the call
	In idle mode: ringer off In communication mode: mute/un-mute a call
	In idle mode or during ringing: increase or decrease ringer volume In communication: increase or decrease handset, headset or hands-free volume
	Voice message key
	Headset key, Activate/deactivate Headset
	Redial key, Access to redial the last record
	After enabling function in Settings >Security>Keypad Lock, press and hold # key to lock keypad, you can unlock keypad by entering the password(default password is admin)
	Hands-free key, Activate/deactivate hands free

Status Prompt and Notification Icons

Icons	Description
-------	-------------

	Call Hold
	Ethernet Connection
	Ethernet Disconnected
	Ethernet Unable To Access
	DND
	SMS
	Call forward activated
	Auto-answering activated
	Hands-free (HF) Mode
	Headphone (HP) Mode
	Handset (HS) Mode
	Missed Call
	Mute Microphone
	Mute Incoming Call Ringtone
	HD Audio
	The Voice encryption of calling
	Open Bluetooth

	Bluetooth paired
	SIP Hotspot
	Connecting WIFI
	Unread voice message

	USB insert tips
	Signal strength (Mobile data disabled)
	Signal strength (Mobile data enabled)
	Power supply
	Battery supply
	Recording
	Recording complete
	Wi-Fi enabled unconnected
	Wi-Fi enabled connected.
	No Wi-Fi signal
	Flight mode
	Export log
	Bluetooth speakers

DSSkey Icons

Icons	Description
	Line
	BLF
	Call Park
	Key Event/DND
	Speed Dial
	Intercom
	Voice Message
	Call forward

	Key Event/Call Hold
	Key Event/Call Transfer
	Key Event/phonebook
	Key Event/Redial
	Key Event/Pickup
	Key Event/Join
	Key Event/Auto Redial On
	Key Event/Auto Redial Off
	Key Event/Call Forward
	Key Event/Call Logs
	Key Event/Flash
	Key Event/
	Key Event/Headset
	Key Event/Release
	Key Event/Lock Phone
	Key Event/SMS
	Key Event/Call Back
	Key Event/Hide DTMF
	Key Event/Power Light
	Key Event/Prefix

	Key Event/Hot Desking
	Key Event/Agent
	Key Event/End
	Key Event/Disposition
	Key Event/Escalate
	Key Event/Trace
	Key Event/Handfree
	Key Event/Answer Key
	Key Event/Private Hold
	Local Contact & LDAP Contact & XML Contact
	Record
	Auto Headset
	URL & XML Browser
	Action URL
	DTMF
	BLF List
	Multicast
	Collapse

DSS KEY LED State

Type	LED Light	LED State
------	-----------	-----------

Type	LED Light	LED State
Line Key	Off	Line inactive
	Green On	Line ready (Registered)
	Green Blinking	Ringling
	Red Blinking	Line is trying to register
	Red Blinking	Line error (Registration failure)
	Red On	Dialing/Line in use (Talking)
	Yellow Blinking	Call holding
BLF	Green On	Subscription number is idle.
	Red On	Subscription number is busy.
	Red On	Subscription number is dialing.
	Red Blinking	The subscription number is ringing.
	Off	The subscription number is holding.
	Off	Subscription number is unavailable.
Presence	Green On	Subscription number is idle.
	Red On	Subscription number is busy.
	Red On	Subscription number is dialing.
	Off	Subscription number is unavailable.
DND	Red On	Enable DND
	Off	Disable DND

Audio Modes and Switching

This section explains how to place and receive calls using the handset, speakerphone, or headset, and how to switch between these audio modes during a call.

Wired Headset

The device supports wired headphones that supports the RJ9/TYPE-A/TYPE-C interface, and realizes the calling prompts and headset calls of the headset playback.

Procedure

On the Phone (Device Display)

After connecting the headset:

1. A headset icon appears in the top-right status bar of the screen.
2. The headset DSS key lights up green, indicating the headset is active and ready for use.

On the Web Interface (Phone Web GUI)

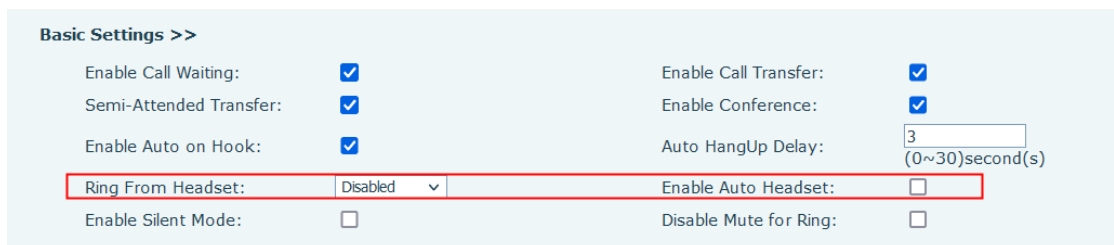
1. Log into the phone's web interface.
2. Navigate to:

[Phone Settings] → [Features] → [Basic Settings]

3. Configure the following options:

Headset Answering: Enable or disable call answering via headset.

Headset Ring Type: Set the ringtone to play through the headset.



The screenshot shows the 'Basic Settings >>' page with various configuration options. A red rectangle highlights the 'Ring From Headset' dropdown menu, which is currently set to 'Disabled'. Other visible settings include 'Enable Call Waiting', 'Semi-Attended Transfer', 'Enable Auto on Hook', 'Enable Call Transfer', 'Enable Conference', 'Auto HangUp Delay' (set to 3 seconds), 'Enable Auto Headset' (unchecked), 'Enable Silent Mode' (unchecked), and 'Disable Mute for Ring' (unchecked).

Setting	Value
Enable Call Waiting	☒
Semi-Attended Transfer	☒
Enable Auto on Hook	☒
Ring From Headset	Disabled
Enable Silent Mode	☐
Enable Call Transfer	☒
Enable Conference	☒
Auto HangUp Delay	3 (0~30)second(s)
Enable Auto Headset	☐
Disable Mute for Ring	☐

Headset function settings

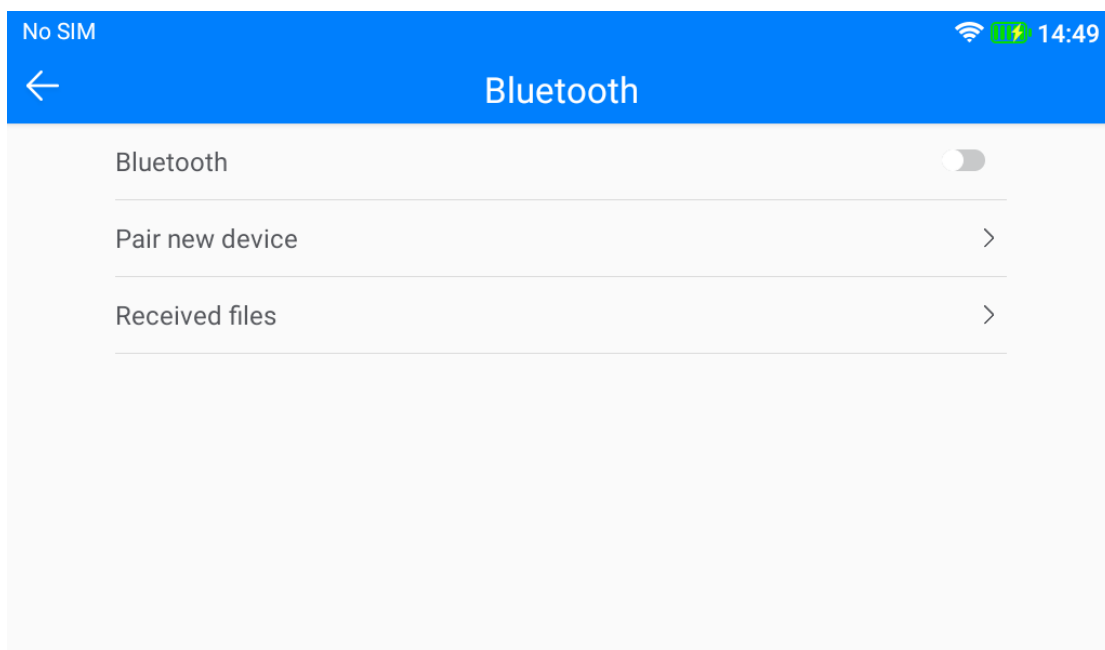
Bluetooth Headset

The device supports Bluetooth applications and can be compatible with CSR 4.0 Bluetooth headsets without the need for USB Bluetooth adapters. The phone has built-in Bluetooth and Bluetooth antennas.

Procedure

1. While the phone is in standby mode, press the Menu key to access settings.
2. Go to **[Phone Settings] → [Network] → [Bluetooth]**.
3. Select **[Pair New Device]** to start scanning for available Bluetooth devices.
4. From the list of scanned devices, select the target device to initiate pairing.

5. Follow on-screen prompts to complete the pairing connection.



Bluetooth Settings Screen

The use of Bluetooth headset can be divided into three types: call answering; Hang up; Bluetooth redial.

- **call answering**

When the Bluetooth headset is connected to the phone, the incoming call can be answered by pressing the Bluetooth **answer button**.

- **Hang up**

1) When talking with Bluetooth headset, you can hang up the phone by pressing the button on Bluetooth headset.

2) When there is an incoming call, double-click the **answer button** to reject the call.

3) When the caller is in the ringing state, press the **answer button** of the headset to cancel the call.

- **Bluetooth redial**

When the Bluetooth headset is connected, double-click the **answer button** to redial the number dialed last time.

NOTICE! some models do not support double - click reject the call or redial function. Whether this function is supported or not, you can check the instruction of the headset, or connect the Bluetooth headset to the phone, and double-click the answer button to see whether it will redial or Hang up.

Bluetooth external line

The Bluetooth external line can be connected to the mobile phone (supported by Android system and IOS system), make and receive calls, hold, resume, mute, increase and decrease volume, input DTMF and end the call. You can sync your phone's contact list when you connect.

Procedure

Connecting the Mobile Phone via Bluetooth

1. While in standby mode, go to:
[Phone Settings] → [Network] → [Bluetooth].
2. Tap **[Pair New Device]** to scan for available mobile phones.
3. Select your mobile phone from the list to start pairing.
4. Follow the on-screen instructions to complete the Bluetooth pairing.

After Connection: Mobile Phone Features

(Synchronize Phonebook)

1. Upon first-time connection, a **PIN** code prompt appears on both devices.
2. For Android devices, a pop-up asks whether to **sync contacts** — **select OK**.
3. The mobile contacts will be updated into the phone's contact list.
4. For iPhones, ensure the **"Sync Contacts"** option is enabled in Bluetooth settings.
5. If the phone disconnects from the mobile device, the synced contacts are automatically cleared.

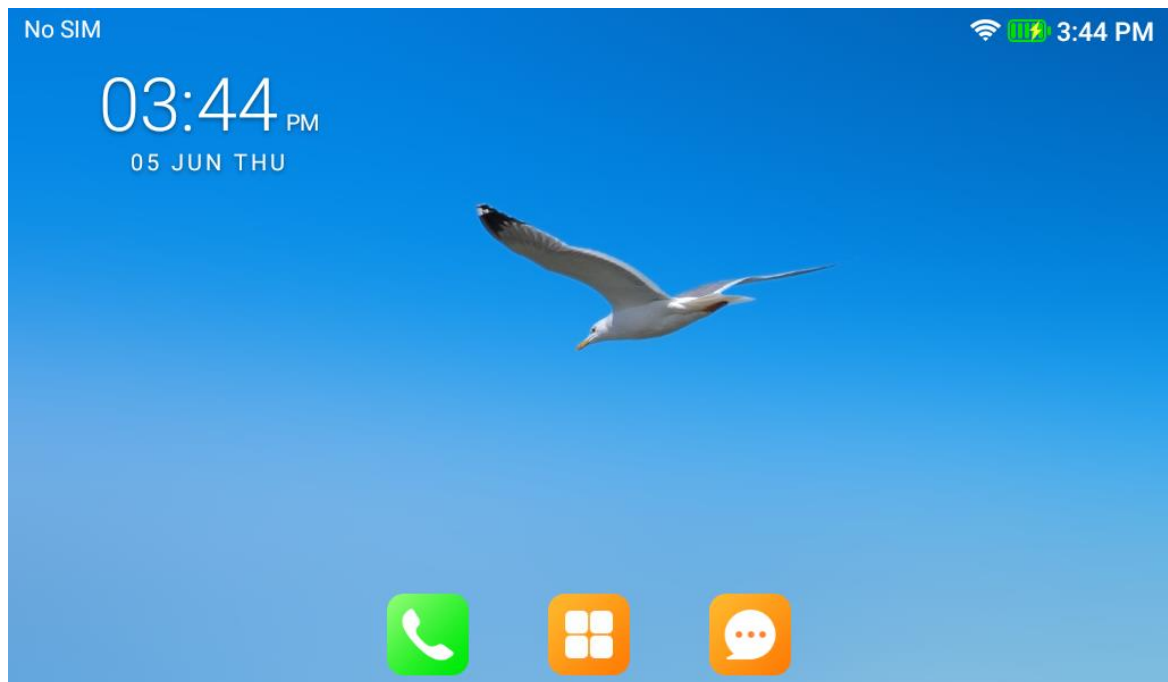
Make a Call Using Mobile Line

1. On the web interface or LCD, configure a DSS key:
Set Line Type to **Bluetooth (Mobile)** and save.
2. Press the **configured mobile line key** and enter the number to dial.
3. Call records made via mobile connection will be saved in the phone's **call log**.

Answer a Call from Mobile Line

1. When there is an incoming call from the mobile line, press the **Answer button** and lift the handset.
 2. After answering, you can switch the call back to your mobile phone if needed.
-

Default Home Screen Overview



default home screen

The image above shows the default standby screen interface, which is the state of the user interface most of the time.

1. the status bar shows the status of the device, information and dynamic message notifications (such as voice messages, missed calls, automatic response, do not disturb, locked status, network connection status, etc.) .
2. display time and date, can be changed by setting time zone, etc. .
3. Application Button, the user can operate the phone through the application.

Note: The maximum number displayed on the missed call/SMS/MWI icon is 99, which means that when the number of missed calls/SMS/MWI is greater than or equal to 99, the icon will show 99.

The user can return the phone to the default standby screen interface by picking up and dropping the handle.

Phone Status

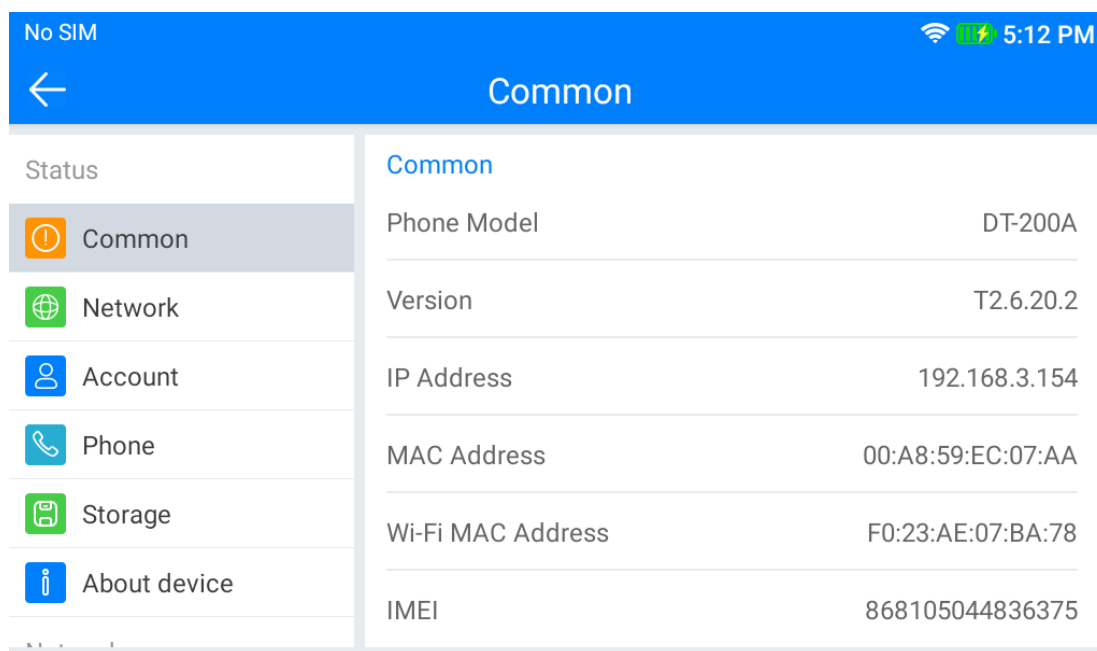
This section provides an overview of key system information available on the device, including hardware, network, and account status. Users can access this data either via the phone interface or the web management portal.

Phone Interface:

Procedure

To check phone status from the device:

1. On the home screen, go to **[Phone Settings]** → **[Status]**.
2. Select the desired item to view detailed information.



The Phone status

Web Interface:

Procedure

You can also access detailed status information from the web portal:

1. Refer to section 7.7 Web Management to log in.
2. Navigate to **[System]** → **[Information]** to view device status.



WEB phone status

Built-in Applications Overview

Note:

The available built-in applications may vary depending on the phone model, software version, or custom configurations. Some enterprise or carrier-specific versions may include different or limited app sets.

 Dialer	Click this icon to enter the pre-dial number interface, and then dial the corresponding operation through the screen or keyboard.
 Email	It has the function of sending and receiving email. After configuring the account, it can send and receive directly on the phone. Contacts for this account are automatically synchronized to the mailbox account.
 SMS	Have SMS writing, reading and sending functions
 Phone Settings	It contains system information, network Settings, account Settings, call Settings, etc. You can make corresponding Settings under the corresponding menu.
 Calculator	Scientific calculator - allows users to quickly process data.
 Notepad	Notes and records -- convenient for users to note events, and electronic post-it notes can be viewed at any time.

 Contacts	Support search, add, delete, edit contacts and other functions.
 Browser	Support access to various websites.
 Sound Recorder	Support call and non - call recording, and support export.
 Calendar	Display and view dates, create activity reminders, etc.
 Clock	Can configure alarm clock, time, stopwatch, countdown Time - supports global time zone selection.
 Video	Only supports MP4 format video playback.
 Call Log	Access to call records to view all call records.You can also view all incoming calls, outgoing calls and missed calls by using the options key.
 Gallery	Support Bmp, Jpeg, Png image preview and save.
 Music	Music player - can import recording and music play.
 Explorer	View usb flash drive and system related files.
 DND	Turn on and off the disturb free configuration.
 MWI	When the answering machine is activated, the call will be automatically forwarded to the voicemail
 Application	Click this icon to enter the application list screen

 Files	Manage local resource files such as images, videos, audios, as well as resource files on external USB drives.
 CleanMaster	Carry out trash removal and manage applications.
 BluetoothSpeaker	It allows for playback of music from externally connected devices via Bluetooth functionality.

Phone setup

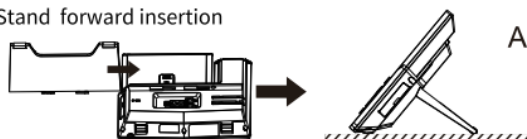
This section guides you through the initial configuration steps necessary to start using your DT-200 phone. It covers essential setup tasks including power connection, SIM card installation, network configuration, and SIP account setup, ensuring your device is ready for calling and data services.

Installation the device

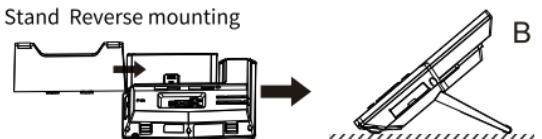
Desktop phone installation

The device supports desktop use. If the phone is placed on the desktop, please follow the instructions in the picture below to install the phone.

Bracket desktop installation
Stand forward insertion



Stand Reverse mounting

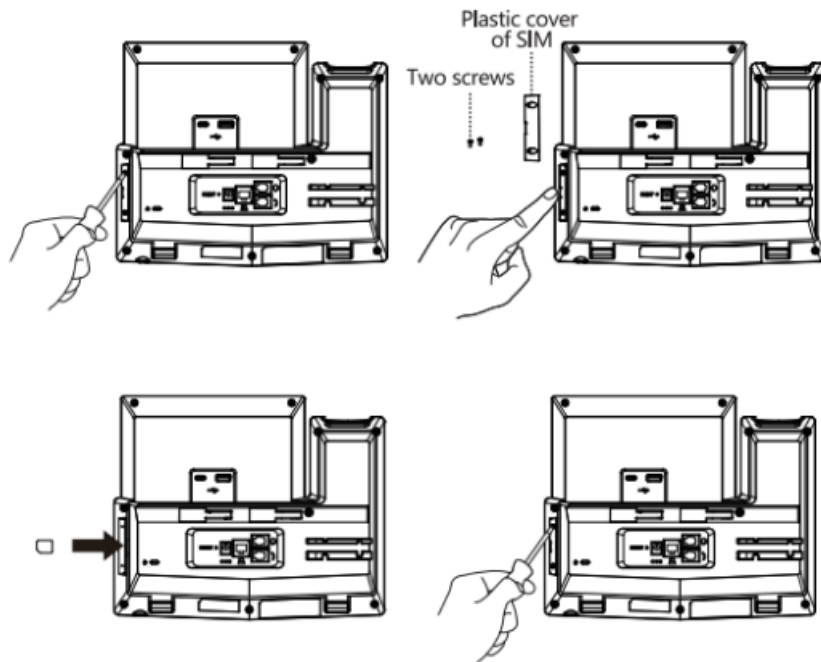


Desktop phone installation

SIM card installation

Procedure

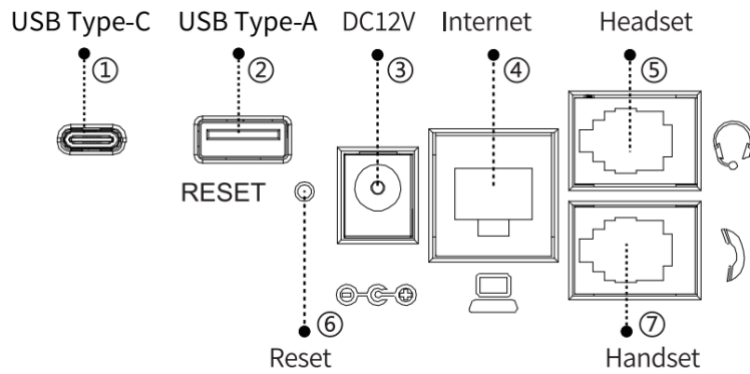
1. Use a screwdriver to remove the two screws securing the SIM card cover.
2. Lift the plastic SIM card cover to access the SIM slot.
3. Insert the Nano SIM card in the correct direction into the slot.
4. Reattach the plastic cover and secure it with the screws.



SIM card installation

Connect Cables to the Proper Ports

Please connect power adapter, network, PC, handset, and headphone to the corresponding ports as described in below picture.



Index	Description
①Type-C interface	USB extended use
②USB interface	Connect USB device (U disk)
③Power port	Connect the power adapter
④Network interface	connects to the LAN and the Internet
⑤Headphone jack	Connects headphones
⑥Reset hole	used for hardware reset (Mandatory)
⑦Handset port	Connects to the phone handset

Hardware Interface Description

Connecting to the device

You can power the device using either the power adapter or the built-in battery.

- IP Phone supports power supply from external power adapter.
- For users, the dedicated power adaptor should be used. Please use the power adapter provided by the manufacturer to ensure that the equipment is working properly.
- The Phone supports a 1900mAh battery, which can support emergency use after abnormal power failure.
- The length of the battery is standby for 30 minutes or call for 10 minutes.

Connect to the Network

Enable Wi-Fi and Sign-in Access from the **phone** or **web UI**.

Procedure

Phone path:

- Select the **network**, enter the password, and connect.

Web path:

- **Network** → **Wi-Fi Client Setup** → **Wireless ON** → **Apply**
-

Calls

You can use the phone to place and **answer calls**, **ignore incoming calls**, **transfer a call** to someone else, conduct a **conference call** and perform other basic call features.

Making Phone Calls

The DT-200 series supports both SIP and LTE (on DT-200A) lines. Users can choose the default line and use a variety of methods to place phone calls.

Default Line Selection

The phone supports up to 20 SIP lines. For DT-200A, users can also place or receive calls via the LTE line if a valid SIM is inserted. Users may select which line to use before making a call.

Dialing Methods

You can initiate a call using any of the following methods:

- Enter the number directly using the **keypad**.
- Select a number from the **Local Contacts**.
- Select a number from the **Cloud Phonebook**.
- Select a number from the **Call Log**.
- Redial the **last called number**.

Dial First, Then Open Audio

After entering the number or selecting from any of the above sources, you can initiate the call by:

- Pressing the **[Dial]** softkey.
- Pressing the **hands-free** button to use the speaker or headset.
- Lifting the handset.
- Pressing the **DSS-configured Line Key** to call via a specific lineDT-200_User Manual.

Open Audio First, Then Dial

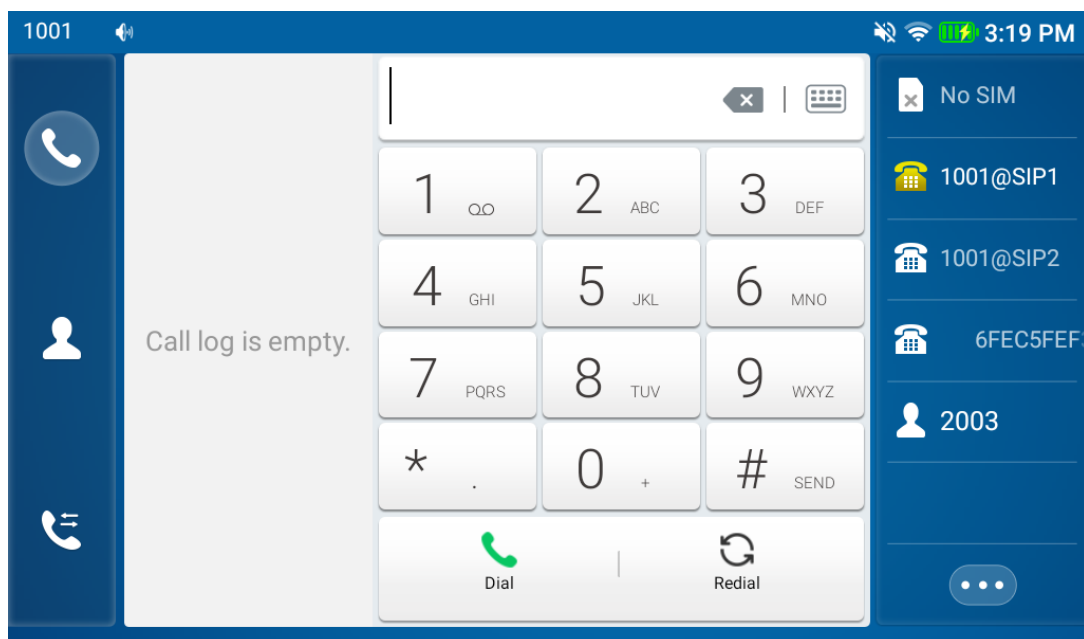
Alternatively, you can open the audio channel first and then enter the number.

Procedure

-
- Lift the handset, or
 - Press the **hands-free** or **headset button**, or
 - Press the **line key**, then enter the number.

To place the call:

- Press **[Dial]** or **[OK]**, or
 - Wait for the auto-dial timeout
-



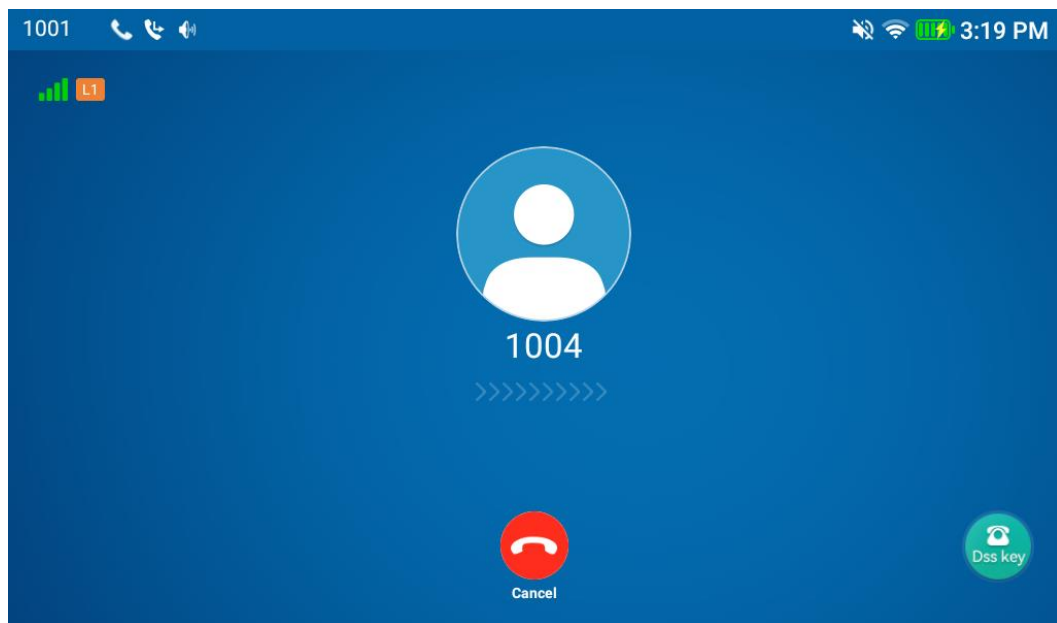
Open the voice channel and dial the number

Canceling a Call

To cancel a call before it connects:

Procedure

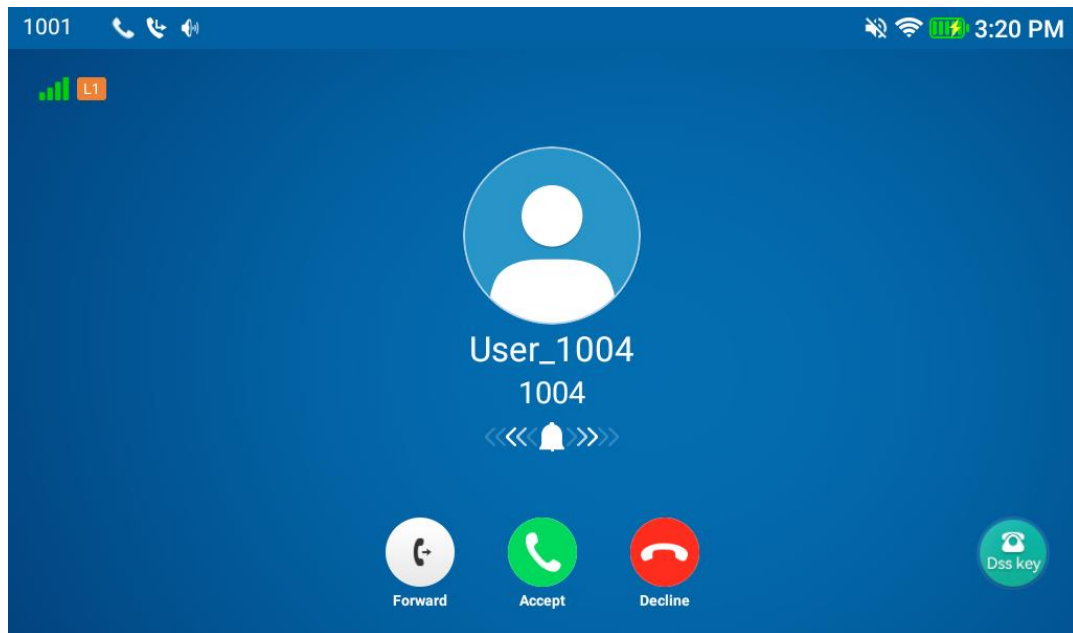
1. Put the handset back, or
2. Press the hands-free button, or
3. Tap the Cancel button on the screen



Call number

Answering Calls

When the phone is idle and a call comes in, the user will see the call reminder screen as shown below. When using the LTE line, the **[Forward]** button is not available on the call interface.



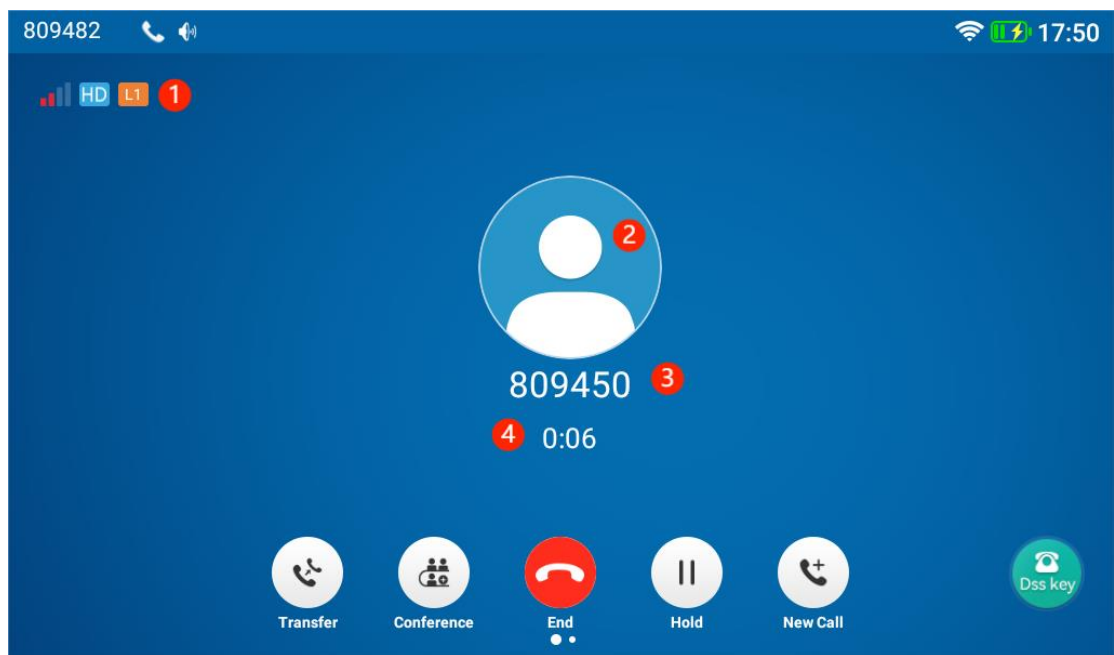
Answering calls

Procedure

-
- Lift the handset, or
 - Press the hands-free button to use the speaker or headset, or
 - Tap the **[Answer]** button (for LTE line, audio only).
-
- To forward the call, press the **[Forward]** button.
 - To reject the call, press the **[Reject]** button.
-

On-Call Display

When the call is connected, user will see a talking mode screen as the following figure.



On-Call Display

Number	Name	Description
①	The current line	The line currently used by the phone.
②	User avatar	Default display, user can customize the selection of avatar pictures.
③	Calls name	The name or number of the person on the other end of the call.
④	Call duration	The duration of a call after it has been established.

On-Call Mode

Make / Receive the Second Call

The device supports up to 9 concurrent calls on SIP lines. When there is an ongoing call, the user can still receive or make a second call on either line.

Receiving a Second Incoming Call

When a second call arrives during an active call:

- A notification will appear in the center of the screen.
- The device does not ring again but plays a call waiting tone through the current audio channel.
- The line LED will flash green.
- The user can choose to **[Answer]** or **[Reject]** the incoming call.
- If answered, the first call will be automatically placed on hold.

Making a Second Outgoing Call

During an active call, the user can initiate a second call in the following ways:

- Tap **[New Call]**, **[Transfer]** (SIP lines only), or **[Conference]** (SIP lines only) to dial out using the default line.
- Press a **Line Key** to use a specific line.
- Use a **DSS key** (e.g., BLF, Speed Dial) to quickly dial a number.

When dialing out for the second call, the first call can either be held manually or is automatically placed on hold.

On DT-200A, if using the LTE line, the user can select **[New Call]** or use the speed dial function to initiate the second call.

Switching Between Two Calls

For LTE: tap **[Swap]** to switch between two calls.

For SIP: tap **[Hold]** to switch back and forth between active and held calls.

Ending One of the Calls

To hang up the current active call:

- End the call normally by closing the audio channel or tapping **[End]**.
- The device will automatically return to the held call interface.

Redial

Redial the last outgoing number:

When the phone is in standby mode, press the redial button and the phone will call out the last number dialed.

Note: If the call record is cleared, it cannot be called out.

Smart Dial Suggestions

Phone is defaulted to open the dial-up inquiry function, dial-out, enter one or more Numbers, dial the interface will automatically match call records, contacts in the number list, select the number, press the call out key.

Auto-Answering

User may enable auto-answering feature on the device and incoming call will be automatically answered. The user can start the automatic answer function in the **telephone interface** or the **webpage interface**.

Phone Interface:

Procedure

-
1. Go to **[Phone Settings]** > **[Account]** > **[Line]**.
 2. Press the button to select the desired line.
 3. Enter **[Basic Settings]**.
 4. Toggle the **Auto-Answering** option to **ON**.
 5. Set the **Auto-Answer Delay Time** (default is 5 seconds).
 6. Click **Apply** to save the settings.
-

Web Interface:

Procedure

Log in to the phone's web portal.

Navigate to **[Line]** > **[SIP]**.

Select the target **[SIP N]**, then go to **[Basic Settings]**.

Enable **Auto-Answering** and set the **delay time**.

Click **Apply** to save the settings.

An auto-answer icon will appear in the upper left corner of the screen to indicate that auto-answering is enabled.

Call Back

The user can dial back the last call. If there is no call history, press the **[Callback]** button and the phone will

say "No last outgoing call".

Set the Callback Key via Phone Interface:

Procedure

Go to **[Phone Settings]** → **[Function Key Settings]** → **[DSS Key]**.

Select the DSS key position to be configured.

Set the key type to **Callback**.

Press the **[Apply]** button to save.

Set the Callback Key via Web Interface:

Procedure

-
1. Log in to the web interface.
 2. Go to **[Function Key]** → **[DSS Key]**.
 3. Select the DSS key position to be configured.
 4. Set the key type to **Callback**.
 5. Press the **[Apply]** button to save.
-

Mute

You can turn on mute mode during a call and turn off the microphone so that the local voice is not heard. Normally, mute mode will be automatically turned off at the end of a call. You can also turn on mute when the phone is in standby mode and automatically mute the ringtone when there is an incoming call. Mute mode can be turned on in all call modes (handles, headphones or hands-free).

Mute the Call

To mute a call:

Procedure

-
1. During the conversation, press the mute button on the phone.
 2. The red light of the mute button will turn on.
 3. A red mute icon will appear on the call interface.
-

To cancel mute:

Procedure

-
1. Press the mute button again.
 2. The mute icon will disappear from the call screen.
 3. The red light on the mute button will turn off.
-

Ringing Mute

To mute the ringtone:

Procedure

-
1. When the phone is in standby mode, press the mute button.
 2. The bell mute icon will appear in the upper-right corner of the screen.
 3. The red light on the mute button will turn on.
 4. When there is an incoming call, the screen will display the call interface, but the phone will not ring.
-

To cancel ringtone mute:

Procedure

-
1. On the standby or incoming call screen, press the mute button again, or press the volume up button.
 2. The mute icon in the upper-right corner will disappear.
 3. The red light on the mute button will turn off.
-

Call Hold/Resume

To hold a call:

Procedure

-
1. Press the **[Hold]** button during a call.
 2. The current call will be placed on hold.
 3. The **[Hold]** button will change to **[Resume]**.
 4. The call status on screen will update to show it is on hold.
-

To resume a held call:

Procedure

-
1. Press the **[Resume]** button.
 2. The held call will return to active.
-

DND(Do Not Disturb)

Enabling DND will reject all incoming calls (including call waiting). It can be enabled for all lines or specific lines.

Enable/Disable DND for All Lines (via phone interface):

To enable DND:

Procedure

-
1. In standby mode, press the **[DND]** button.
 2. The DND icon will turn red.
 3. The phone status bar will display the DND icon.
-

To disable DND:

Procedure

-
1. Press the **[DND]** button again.
 2. The DND icon will turn blue.
 3. The DND icon will disappear from the phone status bar.
-

Enable/Disable DND for a Specific Line (via phone interface):

To enable DND for a line:

Procedure

-
1. Press **[Phone Settings]**.
 2. Go to **[Call] > [DND]**.
 3. Select the desired line.
 4. Adjust the mode and status.
 5. Press **[Apply]** to save.
 6. The DND icon will turn red and appear on the selected line (LTE or SIP).
-

To use DND timer:

Procedure

-
1. Set the time period for DND.
 2. The DND icon will turn red during the scheduled time.
-

Enable/Disable DND (via Web interface):

Procedure

-
1. Navigate to:
[Phone setting] > [Features] > [DND settings]
Set:
DND type: (Off / Phone / Line)
DND timer
 2. For a specific line:
[Line] > [SIP] > [Line] > [Basic settings]
Enable or disable DND for the selected SIP line.
-

Call Forward

Call Forward (also known as Call Divert) lets you forward incoming calls to a specific number.

For SIP lines, there are 3 forwarding types:

- **Unconditional Call Forward** – forward all calls immediately.
- **Call Forward on Busy** – forward calls when user is busy.
- **Call Forward on No Answer** – forward calls after no answer within delay time.

Note: LTE line forwarding depends on the carrier's service.

Phone Interface Operation:

To set up Call Forward:

Procedure

-
1. Press **[Phone Settings] > [Account] > [Line]**.
 2. Select a line to configure.
 3. Enter the Call Forward settings interface.
 4. Choose the forward type:

- Unconditional
 - Busy
 - No Answer
5. Toggle the switch to **On**.
 6. Enter the forwarding number.
 7. If setting "No Answer" forward, configure the ring delay time.
 8. Press **[Apply]** to save.
-

Web Interface Operation:

For SIP line:

Procedure

-
1. Go to **[Line] > [SIP]**.
 2. Select the desired **Line > Basic settings**.
 3. Choose forward type (Unconditional / Busy / No Answer).
 4. Enter:
 - Forwarding number
 - Delay time (for No Answer)
 5. Click **[Apply]** to save.
-

For LTE line:

Procedure

-
1. Go to **[Line] > [LTE] > [Call Forward]**.
 2. Choose forward type.
 3. Enter forwarding number.
 4. Click **[Apply]**.
-

Note: LTE forwarding rules and services may vary by carrier. Please consult your network operator for details.

Call Transfer

During a call, you can transfer the call to another party using one of two methods:

- **Blind Transfer:** Direct transfer without consultation.
- **Attended Transfer:** Transfer after consultation with the third party.

Blind Transfer

To perform a blind transfer:

Procedure

-
1. During the call, press the DSS key button **[Transfer]** or the transfer button on the phone.
 2. Enter the number to transfer, or press the contact button or the history button to select the number.
 3. Press the transfer key again or use blind transfer to a third party.
 4. After the third party rings, the phone will show that the transfer is successful and hang up.
-

Tip: If using the handset, you can complete the transfer by hanging up.

Attended Transfer

To perform an attended transfer:

Procedure

-
1. During the call, press the [Transfer] key.
 2. Enter the number to be transferred.
 3. Press [Send] or [OK] to dial.
 4. After the third party answers and is ready to receive the call, press the [Transfer] key again to complete the transfer.
-

Tip: If using the handset, you can complete the transfer by hanging up.

Call Waiting

Function Description:

- Enable call waiting: new calls can be accepted during a call.
- Disable call waiting: new calls will be automatically rejected and a busy tone will be prompted.
- Enable call waiting tone: when you receive a new call on the line, the tone will beep.

Users can enable or disable the call waiting function through both the phone interface and the web interface.

Procedure

Phone Interface:

- Go to **[Phone Settings] >> [Call] >> [Call]**, enable or disable call waiting.

Web Interface:

- Go to **[Phone Settings] >> [Features] >> [Basic Settings]**, enable or disable call waiting.

For DT-200A, after telephone calls are enabled:

- Go to [Line] >> [LTE] >> [Call Waiting], and you can choose to turn on or off call waiting for the LTE line.
-

Conference Call

The DT-200 provides multiple conference call modes including **Local Conference**, **Network Conference**, and **LTE Conference**. Depending on the communication line type and system settings, users can initiate and manage multi-party calls either locally through SIP, over the network, or via LTE. This chapter introduces step-by-step instructions for setting up and expanding conference calls in each of the supported modes.

Local Conference

To conduct a local conference, please follow the steps below in sequence:

1. Configure Meeting Mode

Procedure

1. First, log in to the web interface.
 2. Navigate to [Line] >> [SIP] >> [Basic settings].
 3. Ensure **Meeting Mode** is set to **Local** (this is the default setting).
-

2. Create a Local Conference

After confirming the meeting mode, you can initiate a local conference in one of the following two ways:

Method 1: Merge Two Existing Calls

Procedure

1. Ensure the device has **two active communication channels**.
 2. On the call interface, press the **Conference** button.
 3. When selecting the conference number, choose the other number that already exists.
-

Method 2: Add a New Call to Conference

Procedure

1. While on a single active call, press the **Conference** key.
 2. Enter the number you want to add to the conference and press **Call**.
 3. After the other party answers, press the **Conference** button again to form a **tripartite local conference**.
-

3. Expand the Conference

Once a 3-way conference is established, you can continue adding participants:

Note: When the device is in a 3-way conference, make another call, answer the call, and press the **Conference** button to join the 4-way conference. Similarly, one can join a five party meeting and a maximum of **10-way conference**.

4. Manage the Conference

During the conference, you can manage the participants as needed:

Note: During the conference, press the **Split** button to split the conference and press the **End** button to end the call.

Network Conference

To use the Network Conference feature, **server support is required**.

Configuration Steps:

Procedure

-
1. Log in to the **web interface**.
 2. Navigate to **[Line] >> [SIP] >> [Basic settings]**.
 3. Set the **conference mode** to **server mode** (default is local mode).
 4. Set the **server conference room number** (consult your system administrator).
-

Two Methods to Join a Network Conference:

- **Method 1:** Call the network conference number. After entering the password, you will enter the conference room.
- **Method 2:** If two phones have already established a regular call, press the **conference button** to invite new members. Follow the **voice prompt** to complete the operation.

Note: the upper limit of the number of participants in the network conference varies according to the server.

LTE Conference

This function is available for **DT-200A** models **if the carrier supports conferencing**.

Operation:

When there are **two active VoLTE calls**,
you can click the **[Merge calls]** key on the screen to **create a conference**.

Advanced Call Features

Call Park

Call Park requires **server support**. Please consult your system administrator before use.

Feature Description:

When on a call and unable to continue answering immediately, you can press the **configured Park button** to hold the call. After the call is successfully parked, it can be resumed by pressing the same Park button from **another device**.

Configuration Methods:

- **Via Phone Interface:**

Procedure

-
1. In standby mode, press the **unfold button**.
 2. Long-press an editable key to enter the **function key setting** interface.
 3. Set the key type as **Memory Key**, subtype as **Call Park**.
 4. Input the server's Call Park number as value.
 5. Select the corresponding **SIP line**.
-

Via Web Interface:

Procedure

-
1. Log in to the phone's web portal.
 2. Navigate to **[Function Key] >> [Function Key]**.
 3. Choose a DSS key and set it as a **Memory Key**.
 4. Set subtype as **Call Park**, input the Call Park number of the server, and configure the appropriate SIP
-

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Pick Up

The **Pick Up** feature requires **server support**. Please consult your system administrator before use.

Feature Description:

Users can configure a DSS key as **BLF** and set a **Pick Up code** to answer incoming calls to another extension.

Configuration Methods:

- **Via Phone Interface:**

Procedure

1. In standby mode, press the **unfold** button.
 2. Long-press an editable key to enter the function key settings.
 3. Set the key type to **Memory Key**, and subtype to **BLF/NEW CALL**.
 4. Assign the corresponding **SIP line**.
 5. Input the **subscription number** and **Pick Up code**.
-

Usage:

When the monitored number is ringing, press the configured DSS key to pick up the call.

Via Web Interface:

Procedure

1. Log in to the phone's web interface.
 2. Go to **[Function Key] >> [Function Key]**.
 3. Select a DSS key and set it as **Memory Key**.
 4. Set the subtype to **BLF/NEW CALL**.
 5. Configure the appropriate **SIP line**, **subscription number**, and **Pick Up code**.
-

Anonymous Call

The DT-200 phone supports anonymous call features to **hide the caller number and name**.

Note: This feature requires **server support**.

Enable Anonymous Call

Configuration on the Phone:

Procedure

- Go to **[Phone Settings] >> [Account] >> [Line] >> [Advanced Settings] >> [Anonymous call edition]**.
 - Default is **None** (disabled).
 - Available options: **RFC3323** and **RFC3325**.
 - Select either to enable anonymous calls.
-

Configuration via Web Interface:

Procedure

-
- Go to **[Line] >> [SIP] >> [Advanced Settings]**.
 - Enable anonymous call per **SIP line**. (Settings for SIP1 apply only to SIP1).
-

Reject Anonymous Call

The phone can also be set to **reject anonymous calls**, meaning such calls will be automatically blocked.

Configuration on the Phone:

Procedure

-
- Go to **[Phone Settings] >> [Account] >> [Line] >> [Advanced Settings] >> [Ban anonymous call]**.
 - You can enable or disable the rejection.
-

Configuration via Web Interface:

Procedure

-
- Go to **[Line] >> [SIP] >> [Advanced Settings]**.
 - Ban settings apply to each **SIP line individually** (e.g., SIP1 setting only affects SIP1)
-

Make a Call With A Hotline Phone

The device supports **hotline dialing**, which allows the phone to automatically call a preset number after picking up the handset, activating hands-free, or plugging in a headset—based on a configured delay.

Feature Description:

After configuring hotline dialing, once the audio channel is opened (by handset, speakerphone, or headset), the phone will automatically enter the dialer screen and place a call to the preset number after the defined delay period.

Configuration via Phone Interface:

Procedure

-
1. Go to **[Phone Settings] >> [Account] >> [Line] >> [Basic Settings]**.

2. Enable the **Hotline** feature (default is off).
 3. Set the **Hotline Number**.
 4. Set the **Hotline Delay Time**.
-

Configuration via Web Interface:

Procedure

-
1. Go to **[Line] >> [SIP] >> [Basic Settings]**.
 2. Configure **Hotline**, **Number**, and **Delay** under the corresponding SIP line.
-

Note: Hotline settings are bound to the specific SIP line. For example, a hotline set under SIP1 only applies when SIP1 is active.

BLF (Busy Lamp Field)

The BLF (Busy Lamp Field) feature allows users to monitor the status of other subscribed extensions, perform various call operations, and pick up calls directly. It requires server support and is configured via function keys.

Configure the BLF Functionality

Via Web Interface:

Procedure

-
1. Go to **[Function key] >> [Function key]**.
 2. Select a DSS key and set:
 - **Type:** Memory Key
 - **Subtype:** BLF/NEW CALL, BLF/BTransfer, BLF/ATransfer, BLF/Conference, or BLF/DTMF
 - **Value:** Subscribed number
 - **SIP line:** Select the corresponding SIP account
 3. The **pickup number** must be provided by the server.
-

Via Phone Interface:

Procedure

-
1. Press the **Unfold button** in standby mode.
 2. Long-press a key to enter the function key setting.

Set:

Type: Memory Key

Subtype: BLF/NEW CALL, Blind Transfer, Attended Transfer, Conference, DTMF

Value: Subscription number

SIP line: Corresponding SIP account

BLF Function key subtype parameter list

Subtype	Standby is described	Calling is described
BLF/NEW CALL	Pressing the BLF key while standby to dial the subscriber number.	When you press this BLF key while talking to another user, you create a new call along with the subscribed number.
BLF/Blind Transfer	Pressing the BLF key while standby to dial the subscriber number.	When you press this BLF key while talking to another user, you blind transfer the call to the subscribed number.
BLF/Attended Transfer	Pressing the BLF key while standby to dial the subscriber number.	When you press this BLF key while talking to another user, you attendance transfer the call to the subscribed number.
BLF/Conference	Pressing the BLF key while standby to dial the subscriber number.	When you press this BLF key while talking to another user, you invite the subscriber number to join the meeting.
BLF/DTMF	Pressing the BLF key while standby to dial the subscriber number.	When the BLF key is pressed while talking to another user, the phone automatically sends the DTMF corresponding to the BLF key number.

Use the BLF Function

The BLF key supports the following operations:

1. Monitor Status

LED indicators show subscription number status (idle, ringing, talking, unavailable).

Refer to Appendix II – LED Definition for details.

2. Call the Subscribed Number

Press the BLF key in standby to dial the associated number.

3. Transfer Calls

BLF keys support blind transfer, attended transfer, and invite to conference.

Refer to BLF subtype list for detailed behavior.

4. Pick Up Incoming Calls

When the subscribed number rings, the BLF LED flashes red.

Press the BLF key to pick up the incoming call.

The **pickup code** must be configured during setupDT-200_User Manual.

BLF List

The **BLF** List function allows the phone to subscribe to a group of monitored numbers defined on the **server side**, using a single **BLF List URL** for unified management.

Feature Description:

- The phone automatically resolves information such as **number**, **name**, and **status** of each member based on server-sent NOTIFY messages.
- If any monitored number's status changes, the corresponding **LED indicator** on the phone updates accordingly.
- The **unoccupied Memory Key** can be set as a **BLF List Key**, allowing the user to monitor or interact with multiple extensions using just one key.

Configuration:

Procedure

-
1. Log in to the **web interface**.
 2. Go to **[Line] >> [SIP] >> [Advanced settings]**.
 3. Enable **BLF List** and set the **BLF List number (URL)**.
-

SIM Management

This section allows users to view SIM card information and manage its security and data usage.

SIM Card Information

Procedure

On the **[Phone Settings] > [Account] > [SIM Settings]** interface, users can:

- View and edit the SIM card number.
- Check current SIM card status and traffic usage.

SIM Card Lock

- The device supports **SIM PIN lock**.
- Once enabled, the SIM card will require a PIN after reboot or reinsertion.
- If the PIN is entered incorrectly three times, the device will prompt for a **PUK code**.
- Entering an incorrect PUK code ten times will permanently lock the SIM card, requiring replacement.

SIM Card Bind

- If SIM card lock is enabled, users can choose to **bind the SIM card to the current device**.
- After binding, the SIM card **does not require PIN input** when used on this phone.
- However, it **still requires PIN input** if inserted into another device.

Data Usage Alarm

The device supports a traffic alert function:

Procedure

-
- Users can configure:
 - **Monthly Data Plan:** total monthly data limit.
 - **Billing Start At:** the date when billing resets (per carrier).
 - **Alarm Threshold:** data usage level at which an alert is triggered.
 - When the threshold is reached, a **pop-up** and **status bar notification** will appear.
-

Call Recording

The device supports recording during a call.(Currently, device recording only supports PCMU and PCMA encoding)

Local Recording to Device Storage

To record and play back calls locally:

Procedure

-
- **Enable Local Recording via web:**
 - Go to **[Application] >> [Manage recording]**, set recording type to **Local**, and choose a voice codec.
 - **Set Recording Key:**
 - In phone or web interface, configure a **DSS key** as a **Key Event** with type **Record**.
 - **Start Recording:**
 - Make a one-line call and press the DSS recording key.
 - **Stop Recording:**
 - End the call or manually end the recording.
 - **Playback:**
 - Phone: **[Application] >> [Sound Recorder]**, select and play file.
 - Web: Go to **[Manage recording]** and play the file there
-

Server-Based Recording via Network

To store call recordings on a server:

Procedure

-
1. Go to **[Application] >> [Manage recording]**, select recording type as **Network**.
 2. Input the **server address**, **port**, and **voice codec**.
 3. This method requires compatible **recording software** on the server side
-

SIP INFO Triggered Recording

If your SIP server supports **SIP INFO** recording:

Procedure

-
1. Register the phone to that server.
 2. In **[Application] >> [Manage recording]**, set the recording type to **SIP INFO**.
 3. The server will control when recording starts/stops via SIP INFO signaling
-

Agent Account Login

The phone supports an Agent function that allows multiple users to register their individual SIP accounts on the same device at different times. This enables quick account switching for shared use. The Agent feature includes two modes: **Normal Mode** and **Hotel Guest Mode** (the latter requires server support).

Normal Mode

To enable and use Agent in Normal mode:

Procedure

-
- Set a **DSS key** as type **Agent**, or
 - Go to: **[Phone Settings] >> [Call] >> [More] >> [Agent]**
-

Note: Access requires the advanced password: **admin**.

Configuration Fields:

- **Number** – Agent account number
- **User** – Username for authentication
- **Password** – Password for authentication
- **Line** – SIP line to register with

Hotel Guest Mode

Requires server support. In addition to fields above, Hotel Guest mode also includes:

- **Status** – Can be set to:
 - login
 - logout
 - invalid
 - valid
 - SMS

How to Use Agent Login

1. After SIP server is set, fill in the correct number, username, and password.

Click **Login** to register to the SIP server.

2. To log out:

- Close the Agent interface to clear the account info, or
- Click **Status**, choose **Logout** to retain the credentials while logging out.

Parameter	Description
-----------	-------------

Normal mode	
Number	Set the proxy account number.
User	Set the proxy account number to verify the user name.
Password	Set the proxy account number to verify the password.
Line	Select the SIP line.
Hotel Guest mode	
Number	Set the proxy account number.
Password	Set the proxy account number to verify the password.
Line	Select the SIP line.
Status	The user can select the status of the number, the optional status is: login, logout, invalid, valid, SMS.

Intercom

The Intercom function allows the phone to automatically answer intercom calls sent with a specific SIP header. It is typically used for internal communication within an organization.

Configuration Path:

Procedure

Web interface: [Phone Settings] >> [Features] >> [Intercom Settings]

Parameters:

Parameter	Description
Enable Intercom	When enabled, the device will automatically answer incoming calls containing the Alert-Info SIP header after a specified delay.
Enable Intercom Mute	Enables mute mode during the intercom call; the microphone will be muted when the call is auto-answered.
Enable Intercom Tone	Plays an intercom tone before automatically answering the call.
Enable Intercom Barge	If enabled, the phone can automatically answer a second intercom call during an existing one. If the current call is already intercom, the second will be rejected.

Multicast Paging

This feature allows the device to send or receive multicast audio broadcasts via RTP, **without SIP signaling**. It is suitable for one-way announcements to a group of phones.

Multicast Transmission

- Configure a **DSS key** as type **Multicast**.
- When pressed, it sends a **Real-Time Transport Protocol (RTP)** stream to a predefined multicast address and port.
- **Codec selection** is supported.

Configuration Path (Web Interface):

Procedure

-
- [Function Key] >> [Function Key]
 - Set key type to Multicast, configure address, port, and codec.
-

Multicast Reception

- The phone can **receive up to 10 multicast streams** simultaneously.
- Incoming RTP streams to these addresses will be automatically played on the phone's speaker.
- SIP is not involved in this process.

Configuration Path (Web Interface):

Procedure

[Phone Settings] >> [MCAST]

Set the **name**, **host:port**, and **channel** for each multicast entry.

Priority & Interrupt Settings

Parameter	Description
SIP Priority	Priority of current SIP call (1 = highest, 15 = lowest)
Intercom Priority	Priority of intercom calls

Enable Page Priority	If enabled, higher priority multicast always interrupts lower ones
Enable Prio Chan	Channel 24 is treated as priority channel when this is enabled
Enable Emer Chan	Emergency multicast can interrupt all others regardless of order
Mcast Listening Renew Time	Duration before listening resets
Index/Priority	Sets priority of each multicast entry

Note: Priority handling requires Page Priority to be enabled. Emergency and channel priority are based on index, not port.

SCA (Shared Call Appearance)

SCA allows a single SIP account to be registered and shared across multiple devices. This enables team members (e.g., manager and secretary) to jointly monitor and handle calls under the same line.

Procedure

1) Configuration

To enable SCA, server support (e.g., BroadSoft) is required.

- **Register SIP Account:**

Register the same account on multiple phones.

- **Web Settings:**

Go to **[Line] >> [SIP] >> [Advanced Settings]**

Set **Specific Server Type** to BroadSoft.

Enable **SCA** (otherwise, the line is treated as private).

- **DSS Key Configuration:**

Set **line keys** as SCA lines to display group call status.

To allow **private hold**, configure a DSS key as **Private Hold**;

Public hold uses the standard **[Hold]** softkey.

2) LED Status (Call Appearance Indicators)

State	Local Light	Remote Light
Idle	Off	Off
Seized	Steady Green	Steady Red
Progressing	Steady Green	Steady Red
Alerting	Fast Blinking Green	Fast Blinking Green
Active	Steady Green	Steady Red
Public Held	Slow Blinking Green	Slow Blinking Red
Private Held	Slow Blinking Yellow	Steady Red
Barge-in Active	Steady Green	Steady Red
Barge-in Held	Steady Green	Steady Red

3) Usage Scenarios

Scenario 1:

When an incoming call arrives, all phones with the shared line ring. If one user (e.g., manager) declines, others (e.g., secretary) continue to ring until answered.

Scenario 2:

Secretary answers the call, then places it on **public hold**, so the manager can retrieve it via the SCA key.

Scenario 3:

Manager puts the call on private hold using the configured **Private Hold** key—others cannot retrieve it.

Scenario 4:

Secretary can **barge in** on the manager's active call by pressing the corresponding SCA line key to join and take notes.

SMS and Voicemail Notifications

The DT-200 phone supports messaging functions, including SMS for text communication and MWI for voicemail alerts. This section explains how to send, receive, and manage messages.

SMS

If the SIP line supports SMS (Short Message Service), the user can send and receive text messages through the phone.

Receive SMS

- When an incoming SMS is received, the phone will display a new message notification icon on the standby screen.

(See Picture 83 - SMS icon)

Send SMS

Procedure

-
1. Tap the SMS application icon.
 2. Press the New Message button in the top right.
 3. Select the SIP line and recipient number.
 4. Enter your message.
 5. Tap Send to send the message.
-

View SMS

Procedure

-
1. Tap the SMS icon to open the message list.
 2. Select an unread message to read it.
-

Reply to SMS

Procedure

-
1. From the SMS list, select the message you wish to reply to.
 2. Enter your reply.
 3. Tap Send.
-

MWI (Message Waiting Indicator)

If the SIP line supports **voicemail**, callers can leave a **voice message** when the user is unavailable. Once a new voicemail is received:

The device displays a **message waiting icon** on the standby screen.

To use this feature:

Procedure

-
1. Configure the Voicemail Number:
 - This is required to retrieve voicemails.
 - Configuration can be done manually or by long-pressing 1 to enter the voicemail setup.
 2. Retrieving Messages:
 - When the phone is idle, the **voicemail** icon will display the **number of unread messages**.
 - Clicking the icon opens the voicemail interface where messages can be reviewed.

Note: When the message count exceeds 99, only “99” is displayed.
For DT-200A, users should contact their carrier to get the voicemail number

SIP Hotspot

The SIP Hotspot feature enables one SIP account to be **shared** across multiple devices via **group ringing** and **internal extension logic**. It's a lightweight alternative to BroadSoft SCA.

Function Overview

- Register one SIP account on **host phone (server)**.
- Set other devices as **SIP Hotspot Clients**.
- When the host receives a call, **all devices ring**.
- When any device answers, **others stop ringing**.
- Calls made from client devices use the **host's SIP number**.

Configuration Requirements

- At least one SIP account must be registered.
- Clients do **not need individual SIP** accounts.

Web Configuration Parameters

• Parameter	• Description
• Enable Hotspot	• Enables/disables SIP Hotspot.
• Mode	• Hotspot = server; Client = client device.
• Monitor Type	• Multicast or Broadcast. For broadcast, both client and server must use it.
• Monitor Address	• Must match across all hotspot devices.
• Remote Port	• Set RTP port used for signaling.
• Name	• Logical name of hotspot group. Avoids collision.
• Line Settings	• Select SIP line to enable hotspot.

Extension Numbering Logic

- Host defaults to **extension 0**.
- Clients are assigned extensions **starting from 1**.
- Users can dial between host and clients using **internal extension numbers**.

Example:

Extension 1 (client) dials extension 0 (host) for internal communicatio

Phone Settings

Basic Settings

This section helps you customize your phone.

Language

The DT-200 phone allows users to set the interface language via both the phone and the web interface.

Set Language on Phone Interface:

Procedure

-
- After a factory reset, the phone will prompt for language selection.
 - To manually change language:
 - Go to:
[Phone Settings] >> [System] >> [Language & Input]
-

Set Language on Web Interface:

Procedure

-
- Log in to the web interface.
 - Use the **language drop-down box** at the top-right corner of the page.
 - To synchronize with the phone:
 - Enable the checkbox **"Synchronize language to phone"**.
-

Note: If synchronization is not enabled, the webpage language and phone interface language remain independent

Time & Date

The DT-200 phone allows users to configure time and date settings via both the phone interface and the web interface.

Set Time & Date on the Phone:

Procedure

-
- Path:

[Phone Settings] >> [System] >> [Date & Time]

- Use the **navigation keys** to modify parameters.
 - Press **Apply** to save changes.
 - Default status is **standby**.
-

Set Time & Date on the Web:

Procedure

-
- Path:

[Phone Settings] >> [Time/Date]

Parameters and Options:

Parameter	Description
Mode	Auto (default, sync via SNTP) or Manual (user sets time)
SNTP Server	Specify the SNTP server address
Time Zone	Select applicable time zone
Time Format	Choose from formats like YYYY MM DD, DD MM YY, etc.
Separator	Choose separator symbol between date elements
12-Hour Clock	Enable/disable 12-hour clock display
Daylight Saving	Enable or disable DST adjustment

Adjusting Screen Brightness

This setting allows the user to adjust the brightness of the phone's LCD screen in two ways:

Quick Access:

Procedure

-
- From **standby mode**, slide down the **outgoing status bar page**.
 - Slide down again to quickly adjust screen brightness.
-

Menu Access:

Procedure

-
- Go to:

[Settings] >> [System] >> [Display]

- Adjust the **brightness** using the on-screen controls.
-

Screen Saver

The screen saver function activates after a period of inactivity. Users can configure wait time, content display, and image sources via both the phone and the web interface.

On the Phone:

Procedure

Path:

[Phone Settings] >> [System] >> [Display] >> [Screen Saver]

Options:

- **Wait Time:** Set the idle time before the screen saver activates.
- **Display Clock:** Choose whether to show time and status icons.
- **Screen Saver Type:**
 - System: Uses the built-in image.
 - Custom: Displays uploaded images in rotation.
 - Server: Displays server-pushed data (e.g., notifications).

On the Web Interface:

Procedure

Path:

[Phone Settings] >> [Advanced] >> [Screen Saver]

Options:

- **Enable Screen Saver**
- **Wait Time:** Set idle duration before activation.
- **Display Clock:** Show/hide time and date.
- **Type:**
 - System: Default image
 - Custom: User-uploaded image (image size: 480×272, format: PNG)
 - Server: Displays content pushed by XML

Ring Settings

The DT-200 phone allows users to configure the type of ringtone associated with different SIP lines.

Web Configuration Path:

Procedure

Path:

[Phone Settings] >> [Tone]

Key Parameters:

Parameter	Description
Value	Define the ringtone type value
Line	Select the SIP line to associate with this ringtone
Ring Type	Choose from Type1 to Type9 ring tones

Audio Volume Settings

The DT-200 phone allows users to configure audio volumes for various components through the web interface.

Web Path:

Procedure

[Phone Settings] >> [Media Settings]

Adjustable Parameters:

Parameter	Description
Handset Volume	Sets earpiece volume (range: 1–9)
Speakerphone Volume	Sets speaker volume during calls (range: 1–9)
Speakerphone Ring Volume	Sets speaker volume for ringtones (range: 0–9)
Headset Volume	Sets headset volume (range: 1–9)

Each audio output can be configured individually to match user preferences and ensure optimal voice quality during communication.

Reboot

The DT-200 phone allows users to reboot the device manually through the phone interface when in standby mode.

Reboot Procedure (Phone Interface):

Procedure

1. Go to:

[Phone Settings] >> [System] >> [Power]

2. Select **Reboot**.

3. A confirmation prompt will appear.

Press **Apply** to reboot the phone.

Press **Cancel** to exit without rebooting.

Shut Down

The DT-200 phone allows users to shut down the device manually when in standby mode.

Procedure

1. **Navigate to:**

[Phone Settings] >> [System] >> [Power]

2. **Select Shut Down.**

3. **A confirmation dialog will appear:**

- Press **OK** to shut down the phone.
 - Press **Cancel** to exit and return to the settings screen.
-