

Ntegrator

SIP Phone



Model stx1101

User Manual

About this product

The use of this equipment may be subject to local rules and regulations. The following rules and regulations may be relevant in some or all areas.

Federal Communications (FCC Statement)

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received including interference that may cause undesirable operation.

This equipment has been tested and found to comply within the limit of a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by switching the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the interference receiving antenna.
- Increase the distance of separation between the equipment and interference receiver.
- Connect the equipment to a power outlet on a circuit different from that to which the interference receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE Notice (European Union)

The symbol indicates compliance of this equipment to the EMC Directive and the Low Voltage Directive of the European Union. These markings indicate that this system meets the following technical standards:

- EN 55022 — “Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment.”
- EN 55024 — “Information technology equipment - Immunity characteristics - Limits and methods of measurement.”
- EN 61000-3-2 — “Electromagnetic compatibility (EMC) -Part 3: Limits - Section 2: Limits for harmonic current emissions (Equipment input current up to and including 16 A per phase).”
- EN 61000-3-3 — “Electromagnetic compatibility (EMC) -Part 3: Limits - Section 3: Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current up to and including 16 A.”
- EN 60950 — “Safety of Information Technology Equipment.”

NOTE: EN 55022 emissions requirements provide for two classifications:

Class A is for typical commercial areas.

Class B is for typical domestic areas.

To determine which classification applies to your computer, examine the FCC registration label located on the back panel of the computer. If the label indicates a Class A rating, the following warning applies to your computer:

RF INTERFERENCE WARNING: This is a Class A product. In a domestic environment this product may cause radio frequency (RF) interference, in which case the user may be required to take adequate measures.

This device is classified for use in a typical Class B domestic environment.



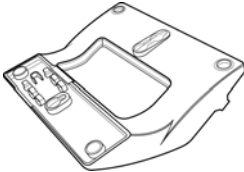
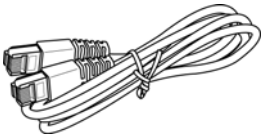


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Overview

Congratulations on your purchase of this SIP phone. This product enables you to make phone calls through the network instead of calling through a local phone line. Read this user manual carefully to learn how to operate this product and take advantage of its features.

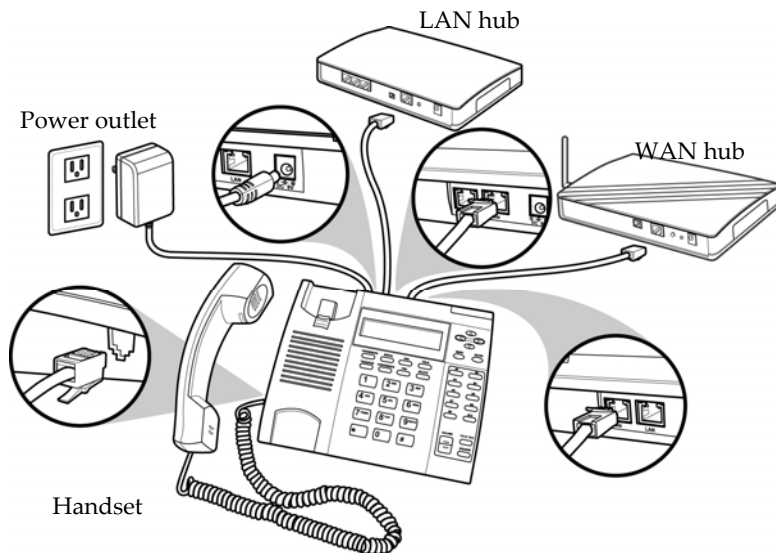
Package Contents

When unpacking the VoIP phone, ensure all the following items are present and undamaged. If anything appears to be missing or broken, contact your dealer for a replacement.

VoIP Phone	Handset	Desktop/Wall Mount Bracket
		
Ethernet Cable	AC Power Adapter	User Manual
		

Connecting the Phone

The following illustration shows how to connect the VoIP phone to power, LAN, WAN, and the handset.



Features

This desktop VoIP phone comes equipped with the following features:

- Call blocking
- Call waiting
- Call transferring
- Call forwarding
- Redialing the last number
- Putting a call on hold
- Conducting a three-way conference call
- Using the DND (Do Not Disturb) function
- Speakerphone
- 10 speed dial memories
- Stores up to 140 sets of contacts

Using the Phone Book

The phone book feature enables you to create new entries for your contacts and edit their contact information. It also enables you to store a number from a received call or a dialed number in your phone book.

Creating a New Entry

To create a new entry, do the following:

1. Press the **Menu** key and then select **Phone book, Add entry** to add a new entry to the phone book.
2. Type the name of the new contact.
3. Press the **Enter** key to save the name.
4. Enter the phone number of the new contact.
5. Press the **Enter** key to save the number.

Modifying Contact Information

To modify contact information, do the following:

1. Press the **Menu** key and then select **Phone Book, Search**, and press the **Enter** key to view the phone book entries.
2. Scroll through the phone to select an entry, and press the **Enter** key to display the contact information.
3. Press the **Enter** key to edit the name, and press it again to save your setting.
4. Change the phone number as required and press the **Enter** key to save your changes.

Deleting a Contact

You can delete all contacts in the phone book one at a time or all at once.

To delete a single contact, do the following:

1. Press the **Menu** key and then select **Phone book, Search**.

Chapter 2 — Using the Phone Book

2. Press the **Enter** key to display all contacts in the phone book.
3. Select the contact you want to delete and press the **Delete** key. The selected entry is deleted.

To delete all contacts in the phone book, do the following:

1. Press the **Menu** key and then select **Phone book**.
2. Choose **Erase All** and then use the up and down navigation keys to select **Yes** to confirm or **No** to cancel.

Speed Dial Setting

You can use speed dialing to assign a hotkey (M1~M10) to the phone numbers that you dial most frequently. You can then press a hotkey (M1 to M10) to quickly dial a number instead of keying in the entire phone number or searching for it from the phone book. See Speed Dialing a Number on page 8.

To assign speed dial hotkeys, do the following:

4. Press the **Menu** key and then select **Phone book** and **Speed Dial**.
5. Input the phone number and press the **Enter** key. Then select one of the M1~ M10 keys to assign for speed dialing.

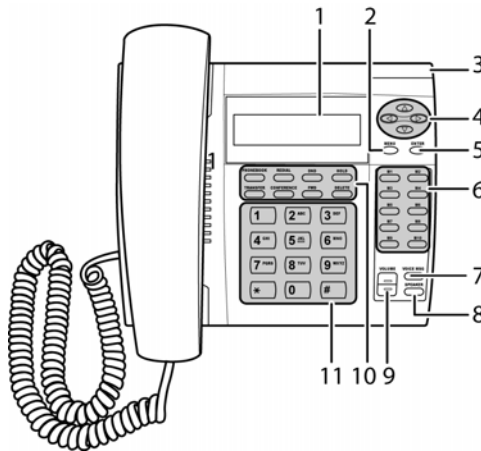
Phone Operation

Introduction

This chapter contains important information to help you familiarize yourself with the functions of the VoIP phone.

Hardware Overview

Front View

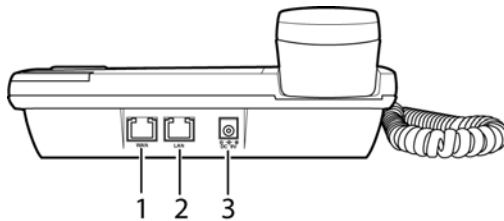


Name	Description
1	Display screen Displays calls and status information.
2	Menu Press to access the menu options or cancel your selection and go back to the previous level.
3	Incoming call indicator A red light indicator means that you have an incoming call.
4	4-way Navigation keys Press to scroll through lists and menus on the display.
5	Enter key Press to enter a menu or confirm a selection.
6	Speed dial memory keys (M1 to M10) Press any of the keys to speed dial the preset contact number.
7	Voice MSG Press to listen to voice mail messages.

Chapter 3 — Phone Operation

	Name	Description
8	Speaker	Activates the speakerphone to allow handsfree conversations.
9	Volume control keys	Press to increase or decrease the volume of the ringer tone, handset, or the volume of the current call using the speakerphone.
10	Function keys	
	Phonebook	Press to access the personal phonebook directory.
	Redial	Press to call the last number dialed.
	DND	Press to block all incoming calls.
	Hold	Press to put an active call on hold.
	Transfer	Press to transfer an active call to another VoIP phone on the system.
	Conference	Press to activate the three-way conference call.
	Forward	Press to forward all incoming calls to another phone on the system.
	Delete	Press to erase the number you dialed when making a call.
11	Alphanumerical keys	Press these keys to enter phone numbers and texts.

Rear View



	Name	Description
1	WAN port	Connects to WAN cable.
2	LAN port	Connects to LAN cable.
3	DC 6V Power jack	Connects to AC power adapter.

Menu Directory

The menu directory enables you to access the product settings and set up the device according to the network conditions and your preferences. The menu is set up in a simple and easily accessible manner. Follow these steps to access the menu and the menu items.

1. Press the Menu key to access the menu. The first two menu options, Phone book and Call history, are displayed.
2. Scroll through the main menu options using the 4-way navigation keys and press the Enter key to view the submenu.
3. Repeat the previous step to browse through the menu items, submenus, and options.
4. Press the Menu key to cancel your selection and go back to the previous level of the menu.
5. To choose a menu setting, press the Enter key.

Answering a Phone Call

An incoming call is indicated by a ringing tone and a red light on the incoming call indicator. You can answer the call by one of the following ways:

1. Pick up the handset to answer the call.
2. Press the **Speaker** key on the phone to answer the call.

Making a Call

Dialing with the Keypad

1. Enter the telephone number with the alphanumerical keypad. If you entered an incorrect digit, press the **Delete** key to erase the incorrect digit.
2. After entering the number you want to call, press the # key to force dialing or wait for 5 seconds before the number is dialed automatically.

Looking up a Number from the Phone Book

You can call your contacts using the contact information stored in the phone book. To make a call to a person from the phone book, do the following:

1. Press the **Menu** key to display the menu.
2. Select **Phone book** and press the **Enter** key to display the submenus.

Chapter 3 — Phone Operation

3. Select **Search** and press the **Enter** key to find a contact. The **Search** screen is displayed.
4. Key in the first few letters of the name. Press the **Enter** key to search for the contact. A list of names that correspond most closely to your search criteria is displayed on the screen.
5. Scroll through the list until you find the contact you want to call.
6. Pick up the handset or press the **Speaker** key to make the call.

Making a Call to an IP Address / SIP Server

When your VoIP phone is configured properly, you can make a call to a user on the same service provider. Make sure you have registered to a SIP server before making a call for the first time.

1. You need to register in a proxy server, (with SIP server IP, Domain IP, registered name, and password) before making a call.
2. To call a contact registered on the same service provider, press the registered number of the contact and press the # key.

You can also make a call to an IP address by inputting the IP address with the keypad. (For example: 192*168*1*100)

Speed Dialing a Number

You can assign a hotkey from the keypad to the most commonly dialed numbers use it to dial the number quickly instead of keying in the complete number.

To call a number using speed dialing, do the following:

1. Press the hotkey (M1~M10) that has been assigned to the phone number from the numeric keypad.

Redialing a Number

To quickly dial a number that you have dialed recently, with one the following ways:

1. Press the **Redial** key on the phone. The last number you called will be automatically dialed again.
2. Press the **Menu** key and select **Call History, Dialed numbers**. Use the up and down navigation keys to browse through the list of dialed numbers.

3. Pick up the handset or press the **Speaker** key to call the selected number.

Call History

The VoIP phone stores information about all calls made or received. The lists are stored from the newest to oldest entries. The oldest entries are deleted as new entries are added.

Press the **Menu** key and then select **Call History** to view call information. Up to 64 calls can be saved for each of the received and dialed call logs.

Incoming Calls

The **Incoming Calls** list consists of the most recent calls received. You can choose to save or delete a single entry from the received call logs.

Select a call from the list and press the **Enter** key. Select one of the following options by pressing the up/ down navigation keys:

- **Save:** Save the number to your phone book.
- **Erase:** Delete the number from the call log.

Dialed Numbers

The **Dialed Numbers** list consists of the most recent numbers dialed. You can choose to save or delete a single entry from the dialed call logs.

Select a call from the list and press the **Enter** key. Select one of the following options by pressing the up/ down navigation keys:

- **Save:** Save the number to your phone book.
- **Erase:** Delete the number from the call log.

Erase Records

You can delete any of the call logs that are not needed. To delete call logs, press the **Menu** key and then select **Call History**, **Erase Records**. Choose the type of call logs that you want to delete from the following options:

- All
- Incoming
- Dialed

Then press the **Enter** key to confirm your selection.

Call Options

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While a call is in progress, a number of additional options are available.

Using the Speaker Phone

For handsfree operation, you can use the built-in speaker to talk on the phone.

To use the speakerphone, do the following:

While talking on the phone, press the **Speaker** key on the phone to enable the Speakerphone function. Press the key again to terminate the call or turn the speakerphone off.

Putting a Call on Hold

You may want to put a call on hold temporarily while doing some work or attending to a second incoming or outgoing call. To put a call on hold, do one the following:

- Press the **Hold** key on the phone to put the call on hold.
- When you receive a second call, press the **Hold** key to attend to the new call, the first call is automatically put on hold.

Conducting a Three-Way Conference Call

The call waiting and holding functions also help you in conducting a three-way conference call.

To start a three-way conference call, do the following:

1. Call the first participant of the conference call as described in Making a Call on page 7.
2. Put the first participant on hold as described in Putting a Call on Hold on page 10.
3. Call the second participant of the call.
4. Press the **Conference** key on the phone to include all participants in the call.
5. Hang up the phone to end your call.

Transferring a Call

To transfer a call to another phone number, do the following:

1. While a call is in progress, press the **Transfer** key on the phone.
2. Dial the number to which you want to transfer the call and then press the **Transfer** key again or hang up the phone to transfer the call.

Forwarding a Call

You can choose to forward the calls which you do not answer or reject to a specified number.

To activate the call forwarding features, do the following:

1. Press the **Menu** key and then select **Phone Settings**, and then **Call Forward**.
2. Select from the following options:
 - **All forward**: forward all incoming calls.
 - **Busy forward**: to forward calls when your phone is busy.
 - **No answer forward**: to forward calls when you do not answer the phone.
 - **Ring Timeout**: to forward calls when the ring times out after a specific number of rings.
3. Press the **Enter** key to activate the forwarding option.
4. Key in the number to which the selected calls are to be forwarded. Press the **Enter** key to save your settings.
5. You can also press the **Forward** key to activate the “**All Forward**” function.

Using the DND Function

The DND (Do not Disturb) feature allows you to reject all incoming calls without ringing your phone.

To activate the DND function, do the following:

1. Press the **DND** key on the phone.
2. A DND message is displayed on the screen.
3. Press the **DND** key again to disable the DND function.

Blocking a Call

You can enable call blocking of all incoming calls or calls during a specified period.

To activate the call blocking features, do the following:

1. Press the **Menu** key and then select **Phone Settings**, and then **Block Setting**.
2. Select from the following options in the submenu:
 - **All:** All incoming and outgoing calls will be blocked.
 - **By time:** Enable / Disable the block setting.
 - **Duration:** Block calls during a specified period. (Only available when **By time** function is enabled.)
3. Press the **Enter** key to enter the submenu. Use the up and down navigation keys to enable/disable the call blocking function.
4. If you wish to block calls during a specified period, enable **By time** feature.
5. Set the duration in which you want the incoming calls to be blocked. Press the **Enter** key to save your settings.

Call Waiting Function

You can answer a call while you have another call in progress. When there is an incoming call, you will hear two continuous beeps indicating a second call. You can press the **Hold** key to switch between the two calls. The function needs to be activated through the web browser.

Checking Voice Messages

You need to set a voice message code before using the voice mail function. After the code has been set, you can listen to your personal voice message by press the Voice MSG key. (ITSP or IP PBX is required for this function.)

