vtech®

SIP Cordless Phone User Guide

SIP contemporary trimstyle 1-line - S2310-6VDC
SIP contemporary trimstyle 2-line - S2320-6VDC

Before using this telephone, please read **Important safety instructions** on page 7 of this user guide.

Parts checklist

Items contained in the respective telephone package:

Model name	Model number	Parts included			
SIP contemporary trimstyle 1-line	S2310-6VDC	Telephone base	Corded handset	Mounting bracket with a screw	Telephone base power adapter
SIP contemporary trimstyle 2-line	S2320-6VDC	Telephone base	Corded handset	Mounting bracket with a screw	Telephone base power adapter

Telephone layout

SIP contemporary trimstyle 1-line - S2310-6VDC

MESSAGE WAITING LED

TALK
REDIAL

◀))/**SPEAKER**
INTERCOM

-/**VOLUME**/+

OFF
FLASH
HOLD

MUTE

Wall mount clip

POWER LED

SIP contemporary trimstyle 2-line - S2320-6VDC

MESSAGE WAITING LED

-/VOLUME/+

LINE 2

LINE 1

OFF

CONF

FLASH

HOLD

/SPEAKER

MUTE

INTERCOM

REDIAL

Wall mount clip

POWER LED
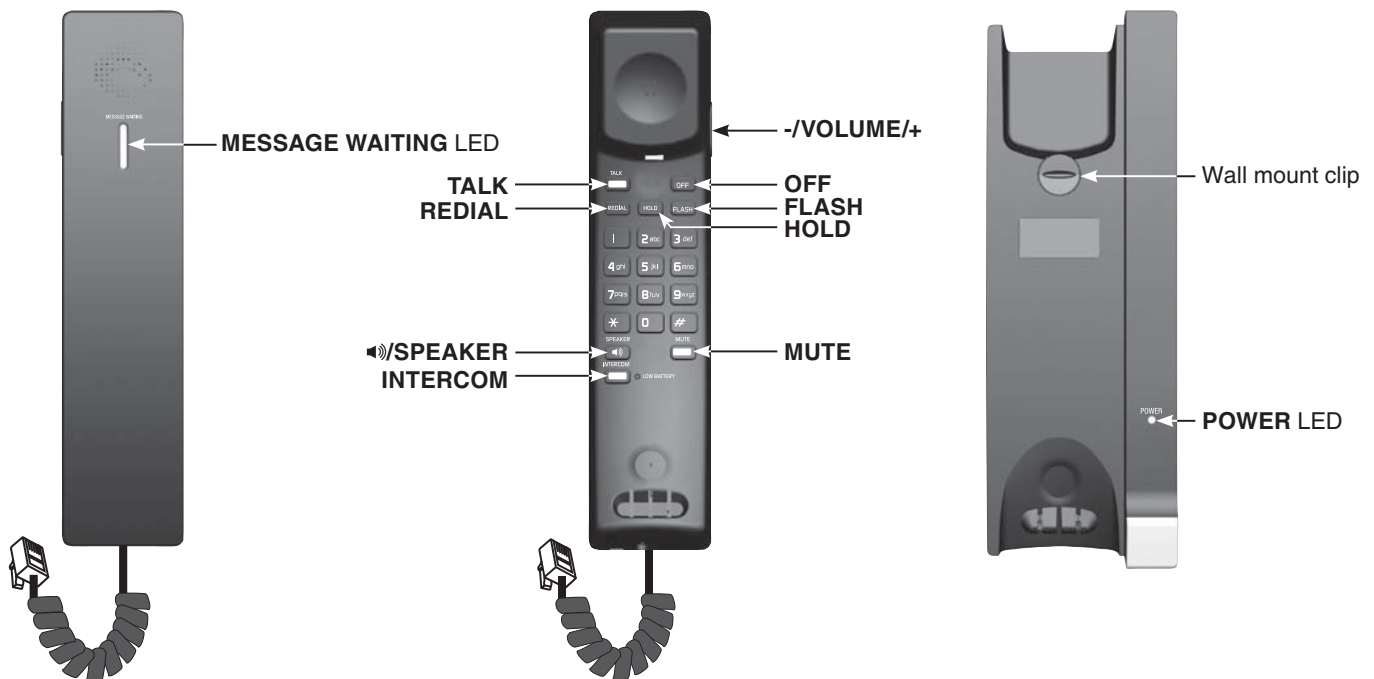
Installation

SIP contemporary trimstyle 1-line/2-line - S2310-6VDC/S2320-6VDC

Telephone base installation

The telephone can be adapted to desktop use or mount on a standard telephone wall plate.

Installation option - desktop position

1. Turn the telephone base over with the bottom side facing up. Route the small end of the power adapter cord out from the top eyelet on the mounting bracket. Then connect it into the power jack at the bottom of the telephone base.

Power jack
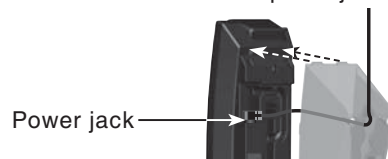
2. Insert the tabs into the upper grooves and tighten the screw to affix the mounting bracket.

Screw

2

3. Plug the large end of the power adapter into the electrical outlet not controlled by a wall switch. Then connect the coiled handset cord to the telephone base.

Installation option - converting from desktop to wall mount position

1. Unplug the power adapter from the electrical outlet.

2. Put the corded handset aside. On its charging base, place a coin in the slit of the wall mount clip and rotate a half turn (180 degrees). It locks into place with the protruding edge pointing towards the upper edge of the charging base. This protruding edge holds the cordless handset when the phone is mounted on the wall.
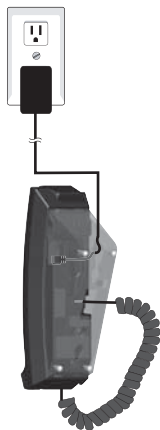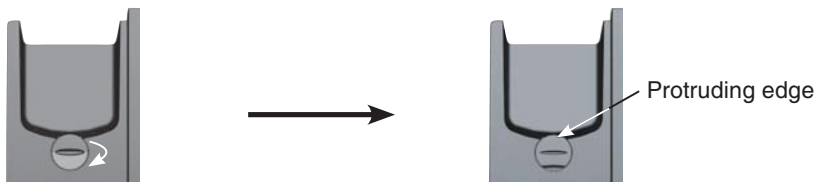

Protruding edge

3. Loosen the screw from the mounting bracket and remove the mounting bracket from the grooves of the charging base.
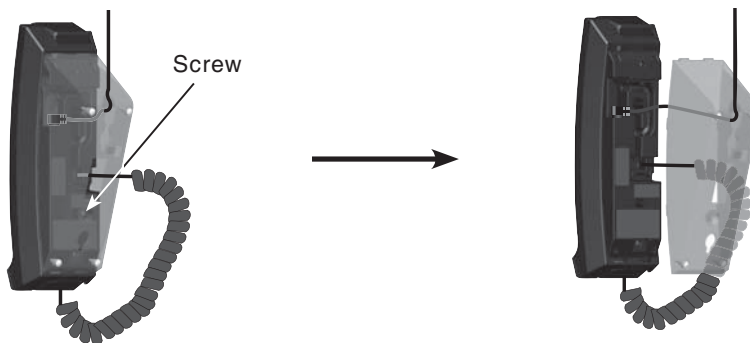
Screw

4. Rotate the mounting bracket. Insert the tabs of the mounting bracket into the lower grooves of charging base. Then tighten the screw to affix the mounting bracket.
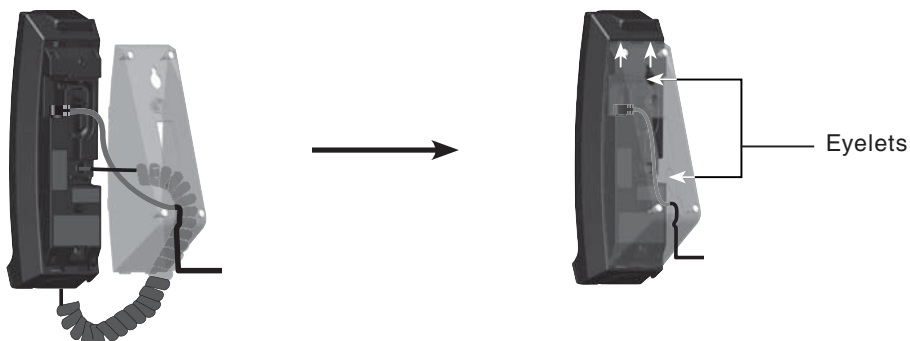
Eyelets

5. Mount the charging base on the wall by aligning the eyelets with the mounting studs of the wall plate. Then slide the charging base down on both mounting studs until it locks into place.

6. Plug the power adapter back into the electrical outlet. Then replace the handset on the charging base cradle.

NOTE: FCC ID is shown on the back of the corded handset body after the handset cover is removed.

Handset registration

An **S2310-6VDC/S2320-6VDC** handset must be registered to an **S2410/S2420** telephone base before use.

To register an S2310-6VDC handset:

Place the corded handset on the **S2410** telephone base cradle. Handset registration happens automatically the first time a handset is placed on the telephone base. When the registration process completes, the **MESSAGE WAITING** LED flashes once and you hear 3 rising beeps as confirmation. Each telephone base accommodates up to 4 handsets. When you already have 4 registered handsets, you can replace one of them by a new handset if any one of the 4 registered handsets is disconnected from the base. For example, it is out of range, or its battery is removed or depleted. The previous registered handset is then deregistered from the telephone base.

To register an S2320-6VDC handset:

Place the corded handset on the **S2420** telephone base cradle. Handset registration happens automatically the first time a handset is placed on the telephone base. When the registration process completes, the **MESSAGE WAITING** LED flashes once and you hear 3 rising beeps as confirmation. Each telephone base accommodates up to 4 handsets. When you already have 4 registered handsets, you can replace one of them by a new handset if any one of the 4 registered handsets is disconnected from the base. For example, it is out of range, or its battery is removed or depleted. The previous registered handset is then deregistered from the telephone base.

Register a handset to another telephone base

Any contemporary trimstyle 1-line handset can register to any contemporary cordless 1-line telephone base. Any contemporary trimstyle 2-line handset can register to any contemporary cordless 2-line telephone base.

When a registered handset is idle, place it on another telephone base. This handset automatically registers to the new telephone base.

Telephone settings

SIP contemporary trimstyle 1-line/2-line - S2310-6VDC/S2320-6VDC

All telephone settings are programmed through the administrative web portal.

Please refer to the **SIP PHONE Configuration Guide** for details.

Telephone operation

SIP contemporary trimstyle 1-line - S2310-6VDC

Receive a call

When there is an incoming call, the telephone rings and the **TALK** key flashes.

To answer a call:

Press **TALK** or ◀))/**SPEAKER.** The **TALK** key illuminates when the phone line is in use. The ◀))/**SPEAKER** key illuminates when in speakerphone mode.

Place a call

Press **TALK** or ◀))/**SPEAKER**. Listen for a dial tone and then dial the desired number. The **TALK** key illuminates when the phone line is in use. The ◀))/**SPEAKER** key illuminates when in speakerphone mode.

End a call

Press **OFF** or place the handset back in its charging base. The call ends when all handsets hang up.

Share a call

During a call, another handset can join the call by pressing **TALK** or ◀))/**SPEAKER**.

Speakerphone

During a call, press ◀))/**SPEAKER** to switch between speakerphone mode and handset earpiece mode.

Redial

The last dialed number on the handset is stored for 15 minutes.

To redial the last dialed number:

Press **TALK** or ◀))/**SPEAKER** to listen for a dial tone. Then press **REDIAL**.

Volume

Listening volume can be adjusted on the handset.

To adjust the listening volume:

During a call, press **-/VOLUME/+** on it to adjust the listening volume. The next call returns to the default listening volume.

Call waiting

1. When you hear a call waiting tone during a call, press **FLASH** to put the current call on hold and take the new incoming call.
2. Press **FLASH** at any time to switch back and forth between calls.

Mute

To mute the microphone:

1. During a call, press **MUTE**. The **MUTE** light turns on when the mute function is turned on. You can hear the party on the other end but they cannot hear you.
2. Press **MUTE** again to resume the conversation. The **MUTE** light turns off.

Message waiting indicator

When a voice message is received, the **MESSAGE WAITING** LEDs on the main telephone base and handsets flash.

Hold

To place a call on hold:

1. During a call, press **HOLD**. The **TALK** key flashes when the call is on hold.
2. Press **TALK** or ◄》/**SPEAKER** to release the call from hold, or the call will end automatically after the preset call on hold duration.

Intercom

Use this feature for conversations between two handsets.

To initiate an intercom call:

- Press **INTERCOM** when the handset is not in use. It beeps and the **INTERCOM** key flashes. All destination cordless handsets and the main telephone base ring. The **INTERCOM** keys on other cordless handsets and **INT** key on the main telephone base flash.

To initiate an intercom call during a call:

- During a call, press **HOLD** to put the current call on hold. Then press **INTERCOM**. It beeps and the **INTERCOM** key flashes. All destination cordless handsets and the main telephone base ring. The **INTERCOM** keys on other cordless handsets and **INT** key on the main telephone base flash.

To answer an intercom call:

Press **INTERCOM** on the handset.

To answer an incoming call during an intercom call:

Press **TALK** on the handset. The intercom call ends automatically.

To end an intercom call:

Press **OFF** or place the handset back in its charging base.

SIP contemporary trimstyle 2-line - S2320-6VDC

Receive a call

When there is an incoming call, the telephone rings and the corresponding line key flashes.

To answer a call:

Press the flashing line key, or press ◄》/**SPEAKER** to pick up the ringing line. The respective line key illuminates when the phone line is in use. The ◄》/**SPEAKER** key illuminates when in speakerphone mode.

Place a call

Press **LINE 1**, **LINE 2** or ◄》/**SPEAKER**. Listen for a dial tone and then dial the desired number. The respective line key illuminates when the phone line is in use. The ◄》/**SPEAKER** key illuminates when in speakerphone mode.

End a call

Press **OFF** or place the handset back in the charging base. The call ends when all handsets hang up.

Share a call

During a call on line 1 or line 2, another handset can join the call by pressing the respective line key or ◄》/**SPEAKER**.

Speakerphone

During a call, press ◄》/**SPEAKER** to switch between speakerphone mode and handset earpiece mode.

When the telephone is idle, press ◄》/**SPEAKER**. The first available line is selected, starting with line 1.

Redial

The last dialed number is stored for 15 minutes.

To redial the last dialed number:

Press **LINE 1**, **LINE 2** or ◄》/**SPEAKER**. Listen for a dial tone. Then press **REDIAL**.

Volume

Listening volume can be adjusted on the handset.

To adjust the listening volume:

During a call on the handset, press **-/VOLUME/+** on it to adjust the listening volume. The next call returns to the default listening volume.

Call waiting

Call waiting supports 2-line phones configured as single SIP account only. To change the SIP account settings, refer to the **SIP PHONE Configuration Guide** for details.

1. When you hear a call waiting tone during a call, press the corresponding line key to put the current call on hold and take the new incoming call.
2. Press the corresponding line key at any time to switch back and forth between calls.

Mute

To mute the microphone:

1. During a call, press **MUTE**. The **MUTE** light turns on when the mute function is turned on. You can hear the party on the other end but they cannot hear you.
2. Press **MUTE** again to resume the conversation. The **MUTE** light turns off.

Message waiting indicator (only for line 1)

When a voice message is received, the **MESSAGE WAITING** LEDs on the main telephone base and handsets flash.

Hold

To place a call on hold:

1. During a call, press **HOLD**. The corresponding line key flashes when the call is on hold.
2. Press the flashing line key or ◀ᵒ/**SPEAKER** to release the call from hold, or the call will end automatically after the preset call on hold duration. When both lines are on hold, press ◀ᵒ/**SPEAKER** only releases the call from hold on line 1.

Intercom

Use this feature for conversations between two handsets.

To initiate an intercom call:

*   Press **INTERCOM** when the handset is not in use. It beeps and the **INTERCOM** key flashes. All destination cordless handsets and the main telephone base ring. The **INTERCOM** keys on the cordless handsets and **INT** key on the main telephone base flash.

To initiate an intercom call during a call:

*   During a call, press **HOLD** to put the current call on hold. Then press **INTERCOM**. It beeps and the **INTERCOM** key flashes. All destination cordless handsets and the main telephone base ring. The **INTERCOM** keys on the cordless handsets and **INT** key on the main telephone base flash.

To answer an intercom call:

Press **INTERCOM** on the handset.

To answer an incoming call during an intercom call:

Press the flashing line key on the handset. The intercom call ends automatically.

To end an intercom call:

Press **OFF** or place the handset back in its charging base.

Conference call

This telephone allows three-way conversations.

To initiate a conference call:

1. Place a call to the first party.
2. Press **HOLD** to place the first party on hold.
3. Place a second call on the other line.
4. Once the second party is on the line, press **CONF** to start a three-way conference.

To initiate a conference call while both calls are on hold:

Press **CONF** to start a three-way conference.

To end a conference call:

*   Press the line key that you want to maintain connection and the other line will be dropped.
*   Press **OFF** on the handset.
*   Place the handset back in its charging base.
*   When there is more than one handset on the conference call, the call ends when all handsets hang up.

Important safety instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. This product should be installed by a qualified technician.
2. This product should only be connected to the host equipment and never directly to the network such as Public Switch Telephone Network (PSTN) or Plain Old Telephone Services (POTS).
3. Read and understand all instructions.
4. Follow all warnings and instructions marked on the product.
5. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
6. Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
7. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
8. Slots and openings in the back or bottom of the telephone base and handset are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
9. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply on the premises, consult your dealer or local power company.
10. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
11. Never push objects of any kind into this product through the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
12. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the telephone base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
13. Do not overload wall outlets and extension cords.
14. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled onto the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
    E. If the product has been dropped and the telephone base and/or handset has been damaged.
    F. If the product exhibits a distinct change in performance.
15. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
16. Do not use the telephone to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the handset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the phone into a power outlet, and should not put a charged handset into the cradle, if the phone is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapors; etc.); a leak of natural gas; etc.
17. Only put the handset of your telephone next to your ear when it is in normal talk mode.
18. The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
19. Use only the power cord and batteries indicated in this user guide. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
20. In wall mounting position, make sure to mount the telephone base on the wall by aligning the eyelets with the mounting studs of the wall plate. Then slide the telephone base down on both mounting studs until it locks into place. Refer to the full instructions in **Installation** in this user guide.
21. **CAUTION**: Keep small metallic objects such as pins and staples away from the handset receiver.

SAVE THESE INSTRUCTIONS

IMPORTANTES MESURES DE SÉCURITÉ

Certaines mesures de sécurité doivent être prises pendant l'utilisation de matériel téléphonique afin de réduire les risques d'incendie, de choc électrique et de blessures. En voici quelquesunes:

1. Ne pas utiliser l'appareil près de l'eau, p.ex., près d'une baignoire, d'un lavabo, d'un évier de cuisine, d'un bac à laver, dans un sous-sol humide ou près d'une piscine.
2. Éviter d'utiliser le téléphone (sauf s'il s'agit d'un appareil sans fil) pendant un orage électrique. Ceci peut présenter un risque de choc électrique causé par la foudre.
3. Ne pas utiliser l'appareil téléphonique pour signaler une fuite de gaz s'il est situé près de la fuite.
4. Utiliser seulement le cordon d'alimentation et le type de piles indiqués dans ce manuel. Ne pas jeter les piles dans le feu: elles peuvent exploser. Se conformer aux règlements pertinents quant à l'élimination des piles.
5. La socklet-sortie sera installée près de l'équipement et serafacilement accessible.
6. ATTENTION- Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

CONSERVER CES INSTRUCTIONS

FCC, ACTA and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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

This device complies with Part 15 of the FCC rules. 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 undesired operation.

For cordless telephone only - Privacy of communications may not be ensured when using this telephone.

For cordless telephone only - To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class A digital apparatus complies with Canadian ICES-003.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term ''IC:'' before the certification/registration number only signifies that the Industry Canada technical specifications were met. This product meets the applicable Industry Canada technical specifications.

Technical specifications

SIP contemporary trimstyle 1-line/2-line - S2310-6VDC/S2320-6VDC

Power requirement	6V DC @ 400mA
Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Handset: 1921.536-1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Message waiting signal	From SIP server
Size	Telephone base: 8.11 x 3.70 x 2.87 in (206 x 94 x 73 mm) Corded handset: 8.39 x 1.89 x 1.65 in (213 x 48 x 42 mm)