

SIP CONTEMPORARY SERIES

CTM-S2212

SIP Contemporary 1-line Corded Hotel Telephone

vtech[®]

User's Guide

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 authorised 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 authorised service facility under the following conditions:
 - When the power supply cord or plug is damaged or frayed.
 - If liquid has been spilled onto the product.
 - If the product has been exposed to rain or water.
 - 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 authorised technician to restore the product to normal operation.

- If the product has been dropped and the telephone base and/or handset has been damaged.
 - 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; petrol vapours; 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 adapters are 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 manual. 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 the user's manual.
21. This product should be mounted at a height of less than 2 meters.
22. Listed PoE (The product is considered not likely to require connection to an Ethernet network with outside plant routing).

CAUTIONS

- Keep small metallic objects such as pins and staples away from the handset receiver;
- For pluggable equipment, the socket-outlet (power adapter) shall be installed near the equipment and shall be easily accessible;
- The applied nameplate is located at the bottom of the product;
- The equipment is only used for mounting at heights < 2m.

SAVE THESE INSTRUCTIONS

INSTRUCTIONS DE SÉCURITÉ IMPORTANTES

Lorsque vous utilisez votre équipement téléphonique, des précautions de base doivent toujours être prises pour réduire les risques d'incendie, d'électrocution et de blessure, notamment les suivantes :

1. Ce produit doit être installé par un technicien qualifié.
2. Ce produit ne doit être connecté qu'à l'équipement hôte et jamais directement au réseau tel que le réseau téléphonique public commuté (RTPC) ou les services téléphoniques classiques (POTS).
3. Lire et comprendre toutes les instructions.
4. Respecter tous les avertissements et instructions figurant sur le produit.
5. Débranchez ce produit de la prise murale avant de le nettoyer. N'utilisez pas de nettoyants liquides ou en aérosol. Utilisez un chiffon humide pour le nettoyage.
6. N'utilisez pas ce produit près de l'eau, par exemple près d'une baignoire, d'une cuvette de lavage, d'un évier de cuisine, d'une cuve de lavage ou d'une piscine, ou dans un sous-sol ou une douche humide.
7. Ne pas placer ce produit sur une table, une étagère, un support ou toute autre surface instable.
8. Des fentes et des ouvertures à l'arrière ou en-dessous du socle du téléphone et du combiné sont prévues pour la ventilation. Afin de les protéger contre la surchauffe, ces ouvertures ne doivent pas être obstruées en plaçant le produit sur une surface souple comme un lit, un divan ou un tapis. Ce produit ne doit jamais être placé à proximité ou au-dessus d'un radiateur ou d'un registre de chaleur. Ce produit ne doit pas être placé dans un endroit où une ventilation adéquate n'est pas assurée.
9. Ce produit ne doit être utilisé qu'avec le type de source d'énergie indiqué sur l'étiquette de marquage. Si vous n'êtes pas sûr du type d'alimentation électrique sur place, consultez votre revendeur ou votre compagnie d'électricité locale.
10. Ne laissez rien reposer sur le cordon d'alimentation. N'installez pas ce produit à un endroit où l'on pourrait marcher sur le cordon.
11. N'introduisez jamais d'objets de quelque nature que ce soit dans ce produit par les fentes du socle du téléphone ou du combiné, car ils pourraient toucher des points de tension dangereux ou créer un court-circuit. Ne jamais renverser de liquide de quelque nature que ce soit sur le produit.
12. Pour réduire le risque d'électrocution, ne démontez pas ce produit, mais confiez-le à un service après-vente agréé. Ouvrir ou retirer des parties du socle du téléphone ou du combiné autres que les portes d'accès spécifiées peut vous exposer à des tensions dangereuses ou à d'autres risques. Un remontage incorrect peut provoquer une électrocution lors de l'utilisation ultérieure du produit.
13. Ne surchargez pas les prises murales et les rallonges électriques.
14. Débranchez ce produit de la prise murale et confiez l'entretien à un centre de service agréé dans les conditions suivantes :
 - Lorsque le cordon d'alimentation ou la fiche est endommagé ou effiloché.
 - Si du liquide a été renversé sur le produit.
 - Si le produit a été exposé à la pluie ou à l'eau.
 - Si le produit ne fonctionne pas normalement en suivant les instructions d'utilisation. Ne réglez que les commandes qui sont couvertes par le mode d'emploi. Un mauvais réglage des autres commandes peut entraîner des

dommages et nécessite souvent un travail important de la part d'un technicien autorisé pour remettre le produit en état de fonctionnement.

- Si le produit est tombé et que le socle du téléphone et/ou le combiné ont été endommagés.
 - Si le produit présente un changement distinct de performance.
15. Évitez d'utiliser un téléphone (autre que sans fil) pendant un orage électrique. Il existe un risque d'électrocution dû à la foudre.
 16. N'utilisez pas le téléphone pour signaler une fuite de gaz à proximité de la fuite. Dans certaines circonstances, une étincelle peut se produire lorsque l'adaptateur est branché dans la prise de courant, ou lorsque le combiné est replacé dans son berceau. Il s'agit d'un événement courant associé à la fermeture de tout circuit électrique. L'utilisateur ne doit pas brancher le téléphone dans une prise de courant, ni placer un combiné chargé dans son socle, si le téléphone est situé dans un environnement contenant des concentrations de gaz inflammables ou propices aux flammes, à moins qu'il n'y ait une ventilation adéquate. Une étincelle dans un tel environnement pourrait créer un incendie ou une explosion. Ces environnements peuvent comprendre : l'utilisation médicale de l'oxygène sans ventilation adéquate; les gaz industriels (solvants de nettoyage; vapeurs d'essence; etc.); une fuite de gaz naturel; etc.
 17. Ne placez le combiné de votre téléphone près de votre oreille que lorsqu'il est en mode de conversation normal.
 18. Les adaptateurs d'alimentation sont destinés à être correctement orientés en position verticale ou au sol. Les broches ne sont pas conçues pour maintenir la fiche en place si elle est branchée au plafond, sous la table ou dans une prise de courant d'armoire.
 19. Utilisez uniquement le cordon d'alimentation et les piles indiqués dans ce manuel. Ne

jetez pas les piles au feu. Elles risquent d'exploser. Vérifiez auprès des autorités locales les éventuelles instructions spéciales d'élimination.

20. En position de montage mural, veillez à monter le socle du téléphone sur le mur en alignant les œillets avec les montants de fixation de la plaque murale. Ensuite, faites glisser le socle téléphonique vers le bas sur les deux montants de montage jusqu'à ce qu'il se verrouille en place. Reportez-vous aux instructions complètes dans la section Installation du guide d'utilisation.
21. Ce produit doit être installé à une hauteur inférieure à 2 mètres.
22. Listé POE (Le produit est considéré comme peu susceptible de nécessiter une connexion à un réseau Ethernet avec un routage extérieur à l'installation).

MISE EN GARDE

- Gardez les petits objets métalliques tels que les épingles et les agrafes loin du combiné.
- Pour les équipements enfichables, le prix de courant (adaptateur de courant) devra être installé près de l'équipement et être accessible.
- Étiquette de la plaque signalétique marquée au bas de l'unité de base.
- N'installez pas du produit à une hauteur supérieure à 2 mètres.




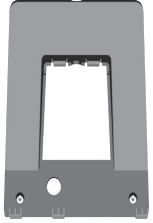
CONSERVEZ CES INSTRUCTIONS

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Parts check list

Items contained in the **corded telephone** package:

MODEL NAME	MODEL NUMBER	PARTS INCLUDED			
		TELEPHONE BASE WITH FACEPLATE AND OVERLAY	CORDED HANDSET	ETHERNET CABLE	MOUNTING BRACKET
SIP Contemporary 1-line Coded Hotel Telephone	CTM-S2212				

Telephone layout



1	RJ-45 LAN port
2	Message Waiting LED
3	RJ-45 COMPUTER port
4	🔌/USB CHARGE ONLY (USB port for charging only)
5	Wall mount clip
6	Speed Dial keys
7	REDIAL key
8	FLASH key
9	MUTE key

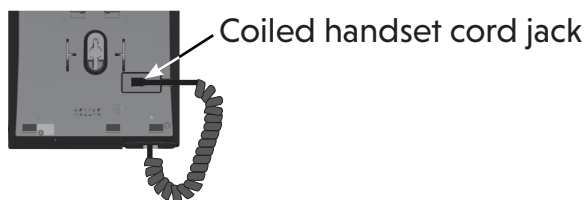
10	VOLUME +
11	VOLUME -
12	🔊 SPEAKER key
13	HOLD key
14	LINE key

Installation

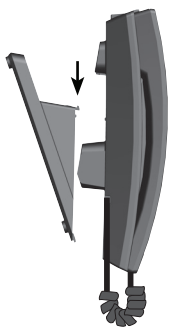
TELEPHONE BASE INSTALLATION

INSTALLATION OPTION - DESKTOP POSITION

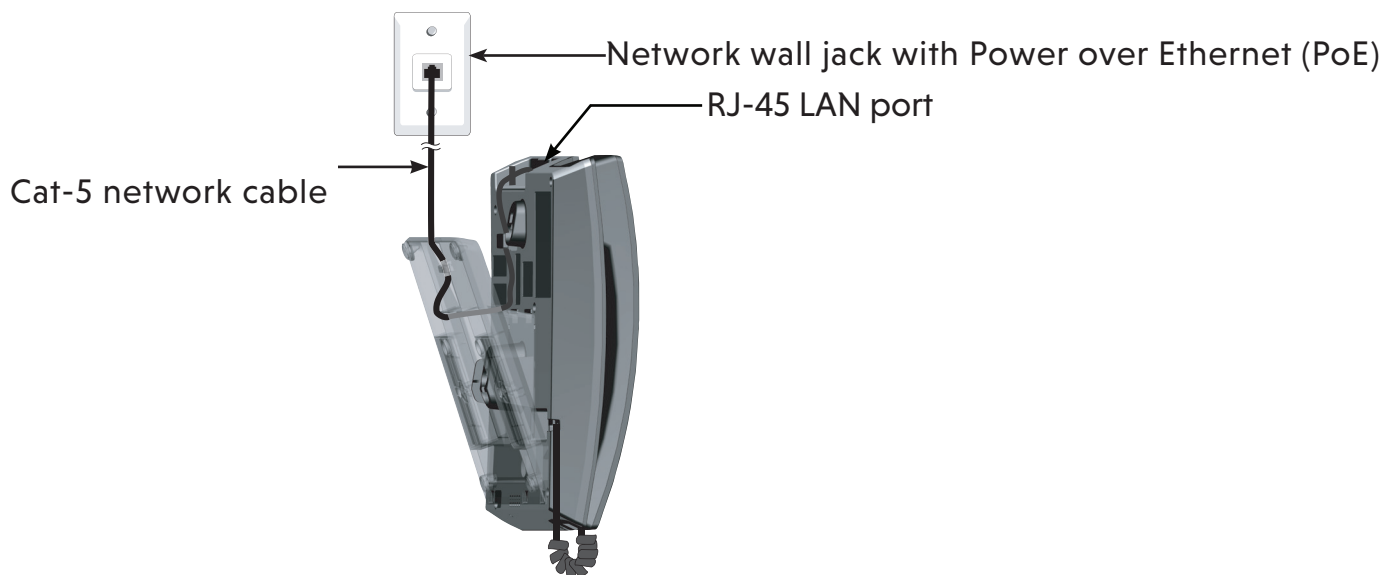
1. Turn the telephone base over with the bottom side facing up. Connect the coiled handset cord to the telephone base.







2. Insert the lower tabs of the mounting bracket into the lower grooves of the telephone base. Press the upper tabs of the mounting bracket and then push into the center of the telephone base until it locks into place.



3. Plug the Cat-5 network cable into the RJ-45 LAN port on the telephone base and the network wall jack.



4. Once installed, the telephone begins a four-step initialization and system registration process.
 - (1) The **MUTE** key and **SPEAKER**  turn on and then go off.
 - (2) The **MUTE** key flashes.
 - (3) The **MUTE** key stops flashing and then **SPEAKER**  flashes.
 - (4) The **MESSAGE WAITING** LED, **LINE**, **MUTE** and **SPEAKER**  illuminate for 500ms when initialization and system registration are successful.

If the system registration fails, **SPEAKER**  blinks twice every second. To reset, disconnect the Cat-5 network cable from the network wall jack with Power over Ethernet (PoE) and connect it back again.

CAUTION:

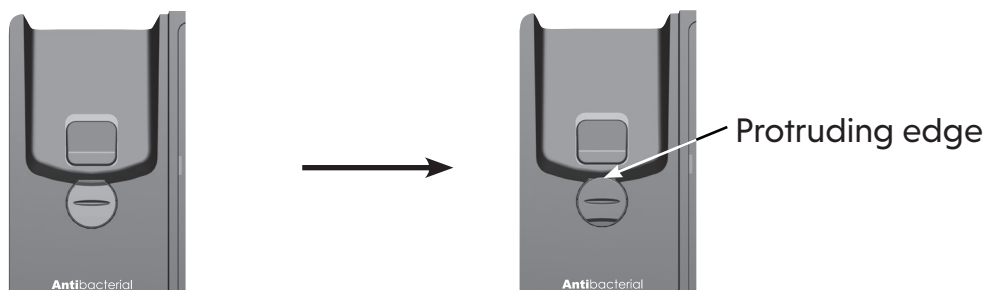
- Use only the supplied Cat-5 network cable. Cat-5 network cable is not designed for use in any other IT devices. Misuse of Cat-5 network cable on your other IT devices shall be prohibited.
- To order a replacement, visit our website at www.vtechhotelphones.com or contact your local distributor.

TELEPHONE BASE INSTALLATION

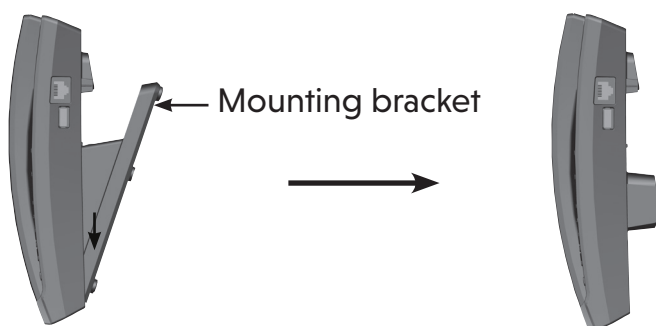
INSTALLATION OPTION - WALL MOUNT POSITION

TO MOUNT THE TELEPHONE BASE ON THE WALL

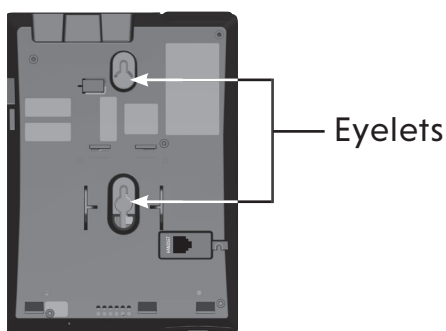
1. Unplug the Cat-5 network cable from the network wall jack.
2. Remove the corded handset from the telephone base if it is cradled in the telephone base. On the telephone base, place a coin in the slit of the wall mount clip and rotate a half turn (180 degrees). It locks into place with the protruding edge pointing towards the upper edge of the telephone base. This protruding edge holds the handset when the phone is mounted on the wall.



3. Turn the telephone base over with the bottom side facing up. To remove the mounting bracket, firmly press down the tabs on the mounting bracket and pull them out from the grooves on the telephone base.



4. Plug the Cat-5 network cable back into the network wall jack with Power over Ethernet (PoE). Then slide the telephone base down on both mounting studs until it locks into place.



5. Place the handset on the telephone base cradle.

Set up

All telephone settings are programmed through the administrative web portal. Please refer to the SIP Phone Configuration Guide for details.

Star Code

The star code enables you to use the telephone base to query and change phone settings.

To set factory default:

When the phone is on-hook, press this key sequence on the telephone base: *990000#.

The Message Waiting indicator will flash if entered successfully, and the device will factory reset.

To read back IP address:

When the phone is on-hook, press this key sequence on the telephone base: *471233#.

The telephone base' speaker will read the phone's IP address aloud.

To set provisioning to get <extension>.cfg:

When the phone is on-hook, press this key sequence on the telephone base:

*234[Mute]<extension>#. The <extension>.cfg will be provisioned after the phone reboots.

For example, press this key sequence on the telephone base: *234[Mute]<1617>#. 1617.cfg will be provisioned after the phone reboots.

Operation

USING THE CORDED HANDSET AND THE TELEPHONE BASE



The corded handset and the telephone base speakerphone cannot be used at the same time. However, calls can be switched between the corded handset and the telephone base speakerphone.

RECEIVE A CALL



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

TO ANSWER A CALL USING THE CORDED HANDSET: Lift the corded handset from the telephone base. The **LINE** key illuminates when the phone line is in use.


TO ANSWER A CALL USING THE TELEPHONE BASE SPEAKERPHONE:

On the telephone base, press the **LINE** key or **SPEAKER** . The **LINE** key illuminates when the phone line is in use. The **SPEAKER**  key illuminates when in speakerphone mode.



PLACE A CALL

Lift the corded handset from the telephone base or press the **LINE** key or **SPEAKER** . Listen for a dial tone and then dial the desired number, or press a Speed Dial key to dial a programmed number. The **LINE** key illuminates when the phone line is in use. The **SPEAKER**  key illuminates when in speakerphone mode.

END A CALL

Place the corded handset on the telephone base, or press the **LINE** key or **SPEAKER**  if you are in speakerphone mode.

SWITCH A CALL BETWEEN THE CORDED HANDSET AND THE TELEPHONE BASE

- To switch a call from the corded handset to the telephone base speakerphone, press **SPEAKER** , then place the corded handset on the telephone base cradle.
- To switch a call from the telephone base speakerphone to the corded handset currently on the telephone base cradle, lift the corded handset from the telephone base cradle.
- To switch a call from the telephone base speakerphone to the corded handset which is not on the telephone base cradle, press **SPEAKER** .

VOLUME

Listening volume and ringer volume can be adjusted from the telephone base.

TO ADJUST THE LISTENING VOLUME:

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

TO ADJUST THE RINGER VOLUME:

In idle mode, press **VOL+ / VOL-** to adjust the ringer volume.

MESSAGE WAITING INDICATOR

When a voice message is received, the **MESSAGE WAITING LED** on the telephone base flashes.

PLAY MESSAGES

Press the **MESSAGES** key in idle mode to play messages.


CALL WAITING

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

REDIAL

The last dialed number is stored for 15 minutes.

TO REDIAL THE LAST DIALED NUMBER:

Lift the corded handset from the telephone base, or press the **LINE** key or **SPEAKER** . Listen for a dial tone. Then press **REDIAL**.

MUTE

MUTE THE MICROPHONE

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

HOLD

TO PLACE A CALL ON HOLD:

1. During a call, press the **HOLD** key to place the call on hold. The **LINE** key flashes when the call is placed on hold.
2. To release the call from hold, press the **LINE** key.


TRANSFER A CALL

1. During a call, press the **FLASH** key to put the current call on hold.
2. When you hear a dial tone, dial the number you want to transfer the call to.
3. When you hear the ringing tone or the call is answered, press the **LINE** key or place the corded handset back on the telephone base cradle. Then the call is transferred.

COMPUTER PORT

You can route your computer through the **COMPUTER** port (RJ-45) on the side of the telephone base to get Internet access.

USB PORT

The  port on the side of the telephone base can be used for charging devices (up to 500mA @ 5V). Charging will be suspended when there is an incoming call or the telephone is in use.

Appendix


Troubleshooting

If you have difficulty with the telephones, please try the suggestions below.

For customer service, visit our website at www.vtechhotelphones.com or call 1-888-907-2007.

FOR CORDED TELEPHONE

QUESTION	SUGGESTIONS
1. The telephone does not work at all.	<ul style="list-style-type: none">• Make sure a Cat-5 network cable is plugged into the LAN port of the telephone base and the network wall jack with Power over Ethernet (PoE).• Unplug the Cat-5 network cable from the network wall jack. Wait for approximately 15 seconds, then plug it back in.• Disconnect the telephone base from the network wall jack and connect a different working telephone. If the other telephone does not work, the problem is probably in the wiring or network server.
2. There is no dial tone.	<ul style="list-style-type: none">• Try all the above suggestions.• The Cat-5 network cable may be defective. Install a new Cat-5 network cable.• Make sure your network is providing Power over Ethernet (PoE).• Disconnect the telephone base from the network wall jack and connect a different working telephone. If there is no dial tone on this telephone either, the problem is in your wiring or network server.• Make sure the initialization and system registration process completes. The speakerphone key blinks twice every second if there are errors with the initialization and system registration process.
3. I hear other calls when using the telephone.	<ul style="list-style-type: none">• Disconnect the telephone base from the network wall jack and connect a different working telephone. Check your server settings. If calls are still not clear, the problem is probably in the wiring or network server. Contact your telephone service provider (charges may apply).
4. The Speed Dial key does not work at all.	<ul style="list-style-type: none">• The Speed Dial key may not be properly programmed.

QUESTION	SUGGESTIONS
5. I cannot dial out.	<ul style="list-style-type: none">• Try all the above suggestions.• A prefix may be required for dialling some internal or external calls• Make sure there is a dial tone before dialling. It is normal if the cordless handset takes a second or two to synchronise with the telephone base before producing a dial tone. Wait an extra second before dialling.• Check your server settings. If other telephones in your hotel are having the same problem, the problem is in the wiring or network server. Contact your telephone service provider (charges may apply).
6. The telephone cannot register to the network server.	<ul style="list-style-type: none">• Make sure your network is providing Power over Ethernet (PoE).• Make sure the initialization and system registration process completes.• If there is an error during the initialization and system registration process, the  SPEAKER key flashes twice every second. Disconnect the Cat-5 network cable from the network wall jack and connect it back into the network wall jack with Power over Ethernet (PoE) to start the initialization and system registration process again.
7. The telephone does not ring when there is an incoming call.	<ul style="list-style-type: none">• Make sure the Cat-5 network cable is plugged into the LAN port of the telephone base and the network wall jack with Power over Ethernet (PoE).• Check your server or telephone administrative settings.• If other telephones in your hotel are having the same problem, the problem is in the wiring or network server. Contact your telephone service provider (charges may apply).• Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.• The Cat-5 network cable may be defective. Install a new Cat-5 network cable.

8. I hear other calls when using the telephone.

- Disconnect the telephone base from the network wall jack and connect and connect a different working telephone. Check your server settings. If calls are still not clear, the problem is probably in the wiring or network server. Contact your telephone service provider (charges may apply).

9. There is interference during a telephone conversation.

- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your telephone or modem farther apart from each other, or use a different surge protector.
- Disconnect the telephone base from the telephone wall jack. Plug in a different telephone. If calls are still not clear, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges may apply).
- If other telephones in your hotel are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider (charges may apply).

10. The cordless handset beeps and is not performing normally.

- Make sure the Cat-5 network cable is plugged into the LAN port of the telephone base and the network wall jack with Power over Ethernet (PoE).
- Check your server or telephone administrative settings.
- Disconnect the telephone base from the network wall jack and connect a different working telephone. If the other telephone has the same problem, the problem is in the wiring or network server. Contact your telephone service provider (charges may apply).
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

Appendix

VTech Hospitality Limited Warranty Program

VTech Communications, Inc., the manufacturer of VTech Hospitality Product ("Product"), warrants to the holder of a valid proof of purchase ("end user" or "you") that the Product and all accessories provided by VTech in the Product's package are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product's operating instructions. The limited warranty extends to the end user of this Product and applies only if such Product is purchased through a United States of America and/or Canadian distributor. The limited warranty period for this Product is determined based on the following:

5 YEARS – ANALOG MODELS

- All Classic Models – corded and cordless
- All Contemporary Models – corded and cordless
- All TrimStyle Models
- All Next Gen Models - corded and cordless

2 YEARS – SIP NON-DISPLAY MODELS

- All Classic Models – corded and cordless
- All Contemporary Models – corded and cordless
- All TrimStyle Models
- All Next Gen Models - corded and cordless

During the limited warranty period, VTech's authorized service representative will repair or replace, at VTech's option, without charge, a Product that is not free from defects in materials and workmanship. If VTech's authorized service representative repairs the Product, new or refurbished replacement parts may be used.

If the Product is replaced, it may be replaced with a new or refurbished Product of the same or similar design. Repair or replacement of Product, at VTech's option, is the exclusive remedy.

The limited warranty period for the Product begins on the date that the end user takes possession of the Product. This limited warranty also applies to repaired or replacement Products for a period of either: (a) 90 days from the date the repaired or replacement Product is shipped to you; or (b) the time remaining on the original limited warranty as described above; whichever is longer.

This limited warranty does not cover:

1. Product or parts that have been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech accessories; or
5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
6. Product purchased, used, serviced, or shipped for repair from outside the United States or Canada, or used for non-approved commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without valid proof of purchase; or

8. Charges or costs incurred by the end user, and risk of loss or damage, in removing and shipping the Product, or for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.
9. Line cords or coil cords, plastic overlays, connectors, power adapters and batteries, if the Product is returned without them. VTech will charge the end user at then-current prices for each of the missing items.
10. NiCd or NiMH handset batteries, or power adapters, which, under all circumstances, are covered by a one (1) year warranty only.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of Product(s) to the service location. VTech's authorized service representative will return repaired or replaced product under this limited warranty to you, transportation, delivery and handling charges prepaid. VTech assumes no risk for damage or loss of the Product in transit.

If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair and return shipping costs for the repair of Products that not covered by this limited warranty. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

OTHER LIMITATIONS

This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product, whether express or implied, oral or written, or statutory. The warranty exclusively describes all of VTech's responsibilities regarding the Product. No one is authorized to make modifications to this warranty and you should not rely on any such modification.

VTech's liability to end user hereunder shall not exceed the purchase price of the Product. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the product, or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you also have other rights which vary from state to state or province to province.

Appendix

FCC, ACTA and IC regulations

FCC PART 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended 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 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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.

This Class B digital apparatus complies with Canadian ICES-003. CAN ICES-3 (B)/NMB-3(B).

FCC PART 68 AND ACTA

Consumer Information

- a. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the Administrative Council for Terminal Attachments (ACTA). On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.
- b. An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., RJ45C) in the packaging with each piece of approved terminal equipment.
- c. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant LAN cable (RJ45) and modular plug is provided with this product. An RJ45 jack should normally be used for connecting to the SIP equipment through the LAN cable. See installation instructions for details.
- d. If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
- e. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- f. Should you experience trouble

with this equipment, please contact VTech Communications, Inc.

1-888-907-2007

for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

- g. Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.
- h. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
- i. **NOTICE:** If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this SIP telephone does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.
- j. This equipment is hearing aid compatible.

NOTICE: According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrestor is recommended.

INDUSTRY CANADA

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

The Ringer Equivalence Number (REN) is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five.

Le présent matériel est conforme aux spécifications techniques applicables d'Innovation, Sciences et Développement économique Canada.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas cinq.

Appendix

Important note

This equipment is not designed for making emergency telephone call when the power fails. Alternative arrangements should be made for access to emergency services.

Maintenance

TAKING CARE OF YOUR TELEPHONE

Your telephone contains sophisticated electronic parts, so it must be treated with care.

AVOID ROUGH TREATMENT

Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

AVOID WATER

Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

ELECTRICAL STORMS

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electrical appliances during storms.

CLEANING YOUR TELEPHONE

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in the water. If the telephone base should fall into the water, **DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE NETWORK CABLE FROM THE WALL.** Then remove the telephone by the unplugged cords.

Environmental notes

- Do not expose to direct sunlight.
- Do not place your product on carpets or other surfaces which generate fibres, or place in locations where proper ventilation is not provided.
- Do not submerge any part of your product in water and do not use it in damp or humid conditions, such as bathrooms.
- Do not expose your product to fire, explosive or other hazardous conditions.
- Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.

Disclaimer and Limitation of Liability

VTech Communications, Inc. and its suppliers assume no responsibility for any damage or loss resulting from the use of this user's manual. VTech Communications, Inc. and its suppliers assume no responsibility for any loss or claims by third parties that may arise through the use of this product. VTech Communications, Inc. and its suppliers assume no responsibility for any damage or loss caused by deletion of data as a result of malfunction, or repairs. Be sure to make backup copies of important data on other media to protect against data loss.

Company: VTech Communications, Inc.



Address: 9020 SW Washington Square Road., Suite 555, Tigard, OR 97223, United States

Phone: 1 (888) 907-2007

REMEMBER THAT ELECTRICAL APPLIANCES CAN CAUSE SERIOUS INJURY IF USED WHEN YOU ARE WET OR STANDING IN WATER. IF THE TELEPHONE BASE SHOULD FALL INTO WATER, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND/OR ETHERNET CABLE FROM THE WALL. THEN REMOVE THE TELEPHONE BY THE UNPLUGGED CORDS.

Technical specifications

SIP Contemporary 1-line Corded Hotel Telephone - CTM-S2212

 	PoE IEEE 802.3af class 2 (48V)
Power requirement	PoE IEEE 802.3af classe 2 (48V)
Computer-Interface	1 x 10/100/1000 Mbps RJ-45 Port
LAN-Interface	1 x 10/100/1000 Mbps RJ-45 Port
Message waiting signal	SIP messaging RFC 3261
Speed Dial memory	Telephone base: up to 10 memory locations; up to 32 digits
Size	Telephone base: 152 x 207 x 97 mm (5.98 x 8.15 x 3.82 inches) Corded handset: 210 x 47 x 41 mm (8.27 x 1.85 x 1.61 inches)
Manufacturer	VTech Telecommunications Limited Address: 23/F Tai Ping Industrial Centre, Block 1, 57 Ting Kok Road, Tai Po, Hong Kong



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