



Analog Contemporary Series User's Guide

Model:

1-Line Analog Corded Phone - A2210

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:
 - 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 authorized 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; 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 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. For pluggable equipment, the socket-outlet (power adapter) shall be installed near the equipment and shall be easily accessible.
20. 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.
21. 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.
22. **CAUTION:** Keep small metallic objects such as pins and staples away from the handset receiver.

SAVE THESE INSTRUCTIONS

For cETL compliance only

Mesures de sécurité importantes

Afin de réduire les risques d'incendie, de blessures corporelles ou d'électrocution, suivez toujours ces mesures préventives de base lorsque vous utilisez votre téléphone:

1. Cet appareil doit être installé par un technicien qualifié.
2. Cet appareil doit être branché à un équipement hôte et jamais branché à un réseau, tel qu'un réseau PSTN public ou un réseau téléphonique standard (POTS).
3. Lisez et comprenez bien toutes les instructions.
4. Observez toutes les instructions et mises en garde inscrites sur l'appareil.
5. Débranchez ce téléphone de la prise murale avant de le nettoyer. N'utilisez pas de nettoyeurs liquides ni en aérosol. N'utilisez qu'un chiffon doux et légèrement humecté.
6. N'utilisez pas ce produit près de l'eau, tel que près d'un bain, d'un lavabo, d'un évier de cuisine, d'un bac de lavage ou d'une piscine, ou dans un sous-sol humide ou sous la douche.
7. Ne déposez pas ce téléphone sur un chariot, support ou table chancelants. L'appareil pourrait tomber et être sérieusement endommagé.
8. Le boîtier de l'appareil est doté de fentes et d'ouvertures d'aération situées à l'arrière ou en dessous. Afin d'empêcher la surchauffe, ces ouvertures ne doivent pas être obstruées en plaçant l'appareil sur un lit, divan, tapis ou autre surface similaires. Ne placez pas cet appareil à proximité d'un élément de chauffage ni d'une plinthe électrique. De plus, ne l'installez pas dans une unité murale ou un cabinet fermé qui ne possède pas d'aération adéquate.
9. Ne faites fonctionner cet appareil qu'avec le type d'alimentation indiqué sur les étiquettes de l'appareil. Si vous ne connaissez pas le voltage de votre maison, consultez votre marchand ou votre fournisseur d'électricité.
10. Ne déposez rien sur le cordon d'alimentation. Installez cet appareil dans un endroit sécuritaire, là où personne ne pourra trébucher sur la ligne d'alimentation ni le cordon téléphonique modulaire.
11. N'insérez jamais d'objets à travers les fentes et ouvertures de cet appareil, car ils pourraient toucher à des points de tension dangereux ou court-circuiter des pièces, ce qui constituerait un risque d'incendie ou d'électrocution. N'échappez pas de liquides dans l'appareil.
12. Afin de réduire les risques d'électrocution, ne démontez pas l'appareil, mais apportez-le plutôt à un centre de service qualifié s'il doit être réparé. En enlevant le couvercle, vous vous exposez à des tensions dangereuses ou autres dangers similaires. Un remontage inadéquat peut être à l'origine d'une électrocution lors d'une utilisation ultérieure de l'appareil.
13. Ne surchargez pas les prises de courant ni les rallonges électriques, car ceci peut constituer un risque d'incendie ou d'électrocution.
14. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
 - Lorsque le cordon d'alimentation est endommagé ou écorché.
 - Si du liquide a été échappé dans l'appareil.
 - Si l'appareil a été exposé à une source d'humidité telle que la pluie ou l'eau.
 - Si l'appareil ne fonctionne pas normalement en suivant les directives du guide. N'ajustez que les commandes couvertes dans le guide d'utilisation, car un mauvais réglage de celles-ci peut être à l'origine de dommages, ce qui nécessiterait des réparations considérables pour remettre l'appareil à son état de fonctionnement normal.
 - Si l'appareil a été échappé ou son boîtier, endommagé.
 - Si le produit affiche une nette diminution de sa performance.
15. Évitez d'utiliser un téléphone (autre qu'un sans fil) pendant un orage. Les éclairs peuvent être à l'origine d'une électrocution.
16. N'utilisez pas le téléphone pour rapporter une fuite de gaz à proximité de celle-ci. Sous certaines circonstances, une intécience pourrait survenir lorsque l'adaptateur est branché à une prise de courant, ou lorsque le combiné est déposé sur le combiné. Ceci est un événement commun associé avec la fermeture d'un circuit électrique. L'utilisateur ne devrait pas brancher le téléphone dans une prise de courant, et ne devrait pas déposer le combiné chargé sur le socle, si le téléphone se trouve dans un environnement où la concentration de gaz inflammables, sans ventilation adéquate. Une étincelle dans ces endroits pourrait provoquer un incendie ou une explosion. Ces environnements pourraient être l'utilisation médicale de l'oxygène sans ventilation adéquate; le gaz industriel (dissolvants, vapeurs d'essence, etc.); une fuite de gaz naturel, etc.
17. Placez uniquement le combiné de votre appareil près de votre oreille lorsqu'il est en mode de conversation normal.
18. Les adaptateurs sont conçus pour être orientés en position verticale ou en position horizontale sur le plancher. Les fiches ne sont pas conçues pour maintenir la prise en place si celle-ci est branchée au plafond, sous la table ou les armoires.
19. Pour les PRODUITS À BRANCHER À UNE PRISE DE COURANT, la prise de courant doit être installée près du produit, afin d'assurer une accessibilité sécuritaire à la prise de courant.
20. N'utilisez que cordon d'alimentation et les piles indiquées dans ce guide d'utilisation. Ne jetez pas les piles au feu. Celles-ci risqueraient d'exploser. Vérifiez avec les règlements locaux afin de vous assurer de respecter les instructions spéciales de mise aux rebus de tailles pièces.
21. En position de montage mural, assurez-vous de monter le socle du téléphone sur le mur en alignant les œilletons avec les goujons de fixation de la plaque murale. Ensuite, faites glisser le socle vers le bas sur les deux goujons de fixation jusqu'à ce qu'il se verrouille en place. Reportez-vous aux instructions complètes dans la section **Installation** dans ce guide d'utilisation.
22. **MISE EN GARDE** : Éloignez les petits objets métalliques tels que les broches de l'écouteur du combiné.

CONSERVEZ CES INSTRUCTIONS

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Parts checklist

Items contained in the telephone package:

Model name	Model number	Parts included
1-Line Analog Coded Phone	A2210	 Telephone base with faceplate and overlay  Coded handset  Mounting bracket  Telephone line cord

Telephone layout



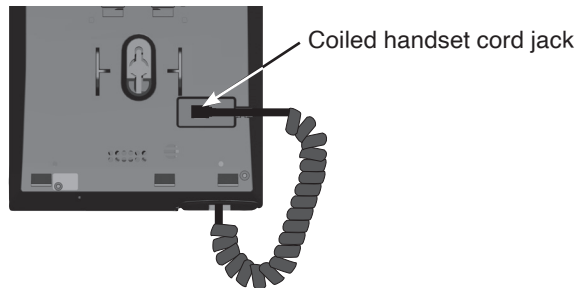
Installation

Telephone base installation

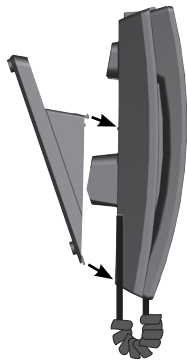
This telephone can be adapted to desktop use or mount on a standard telephone wall plate.

Installation option - desktop position

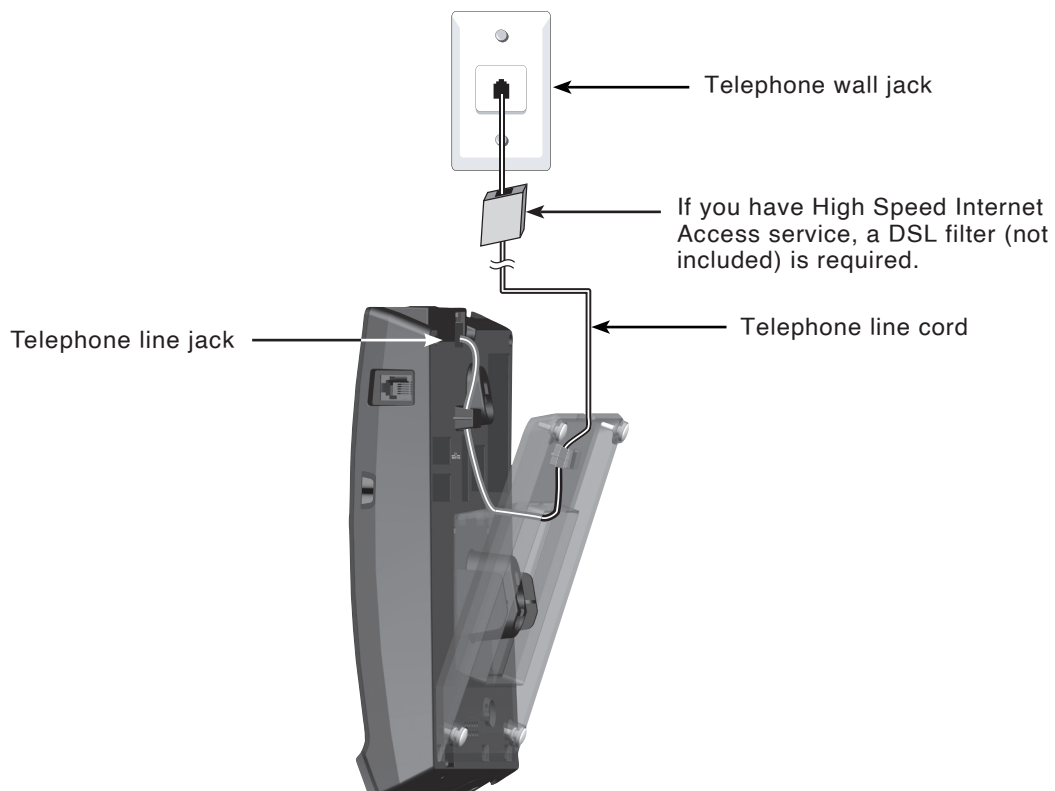
1. Turn the telephone base over with the bottom side facing up. Connect the coiled handset cord to the telephone base.



2. Insert the tabs into the grooves to affix the mounting bracket in place.



3. Install the telephone base as shown below.

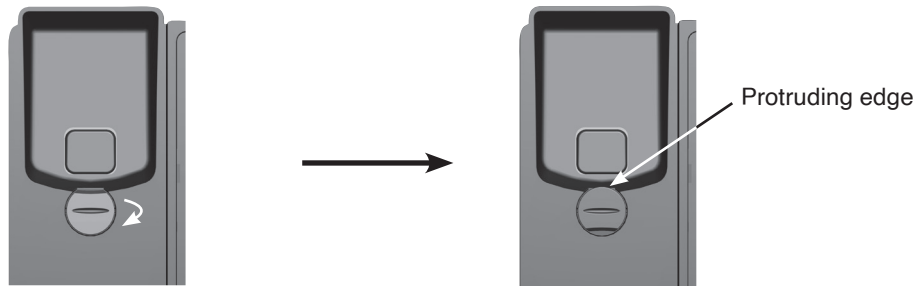


Installation

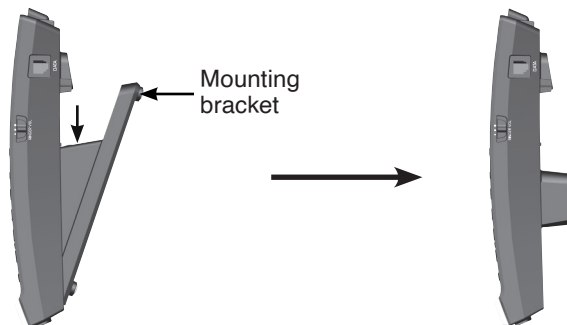
Installation option - converting from desktop to wall mount position

To mount the telephone base on the wall:

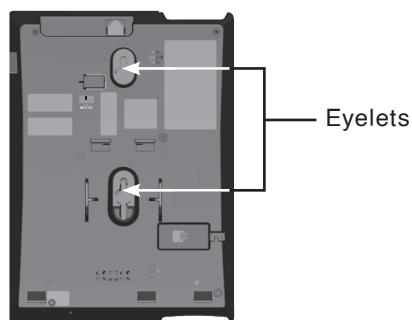
1. Set aside the handset. On the telephone base cradle, place a coin in the slit of the wall mount clip and rotate a half turn (180 degrees). It locks into place with the protruding edge pointing towards the upper edge of the telephone base. This protruding edge holds the handset when the phone is mounted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



2. Turn the telephone base over with the bottom side facing up. To remove the mounting bracket, firmly push both tabs downward and pull up until both tabs release from the grooves.



3. 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.



4. Place the handset on the telephone base cradle.

Set up

Default settings are indicated by asterisks (*).

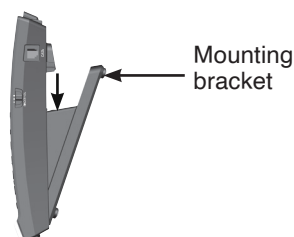
Setting	Options	Adjustable by:
Handset earpiece volume	1, 2*, 3, 4	User and administrator
Speakerphone volume	1, 2, 3, 4, 5*, 6, 7, 8	User and administrator
Ringer volume	Low, Medium*, High	User and administrator
Ringer tone	Tone 1*, Tone 2, Tone 3	Administrator only
Flash	1 (100ms), 2 (300ms), 3* (600ms)	Administrator only
Voicemail voltage detection	Disable voicemail voltage detection, Periodic low voltage pulse detection method, Steady high voltage and periodic high voltage pulse detection method	Administrator only

Ringer tone

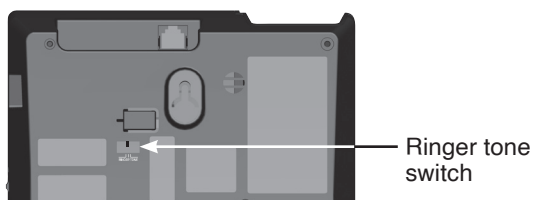
There are 3 ringer tone options..

To change the ringer tone:

- Turn the telephone base over with the bottom side facing up.
 - For lobby (**A2100**), 1-line (**A2210**) and 2-line (**A2220**) models, remove the mounting bracket if it is in desktop position. To remove the mounting bracket, firmly push both tabs downward and pull up until they release from the grooves.
 - For trimstyle model (**A2310**) remove the mounting bracket. To remove the mounting bracket, firmly press down the tab on it and pull out to detach it from the telephone base.



- Slide the ringer tone switch to select the desired detented position using a narrow object such as a standard screwdriver.



- Install the mounting bracket accordingly.

Flash

There are 3 flash duration options that can be programmed.

To change the flash duration:

- Remove the faceplate and overlay if they are on the telephone base. Press **Ⓜ/SPEAKER** on the telephone base or lift the handset. Then press the recessed **PROGRAM** key. The **MUTE** key flashes when in administrator mode.
- Press **FLASH** and you hear 3 beeps. Then press a dialing key, **1** (100ms), **2** (300ms) or **3** (600ms), to select the desired flash duration. Press the recessed **PROGRAM** key again. You hear 3 rising beeps as confirmation.

Set up

Voicemail voltage detection

There are 3 options to set the voicemail voltage detection on the telephone base.

To disable the voicemail voltage detection:

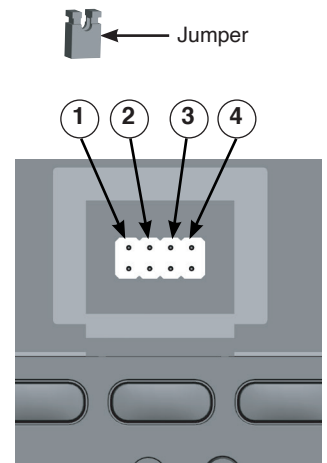
1. Remove the faceplate and overlay if they are on the telephone base. Then remove the sticker on the telephone base.
2. Use a narrow object to unplug all the jumpers from the telephone base.
3. Place the sticker back in place.

To set the voicemail voltage detection by the periodic low voltage pulse detection method:

1. Remove the faceplate and overlay if they are on the telephone base. Then remove the sticker on the telephone base.
2. Use a narrow object to unplug all the jumpers from the telephone base. Then plug the jumpers into ①, ② and ③.
3. Place the sticker back in place.

To set the voicemail voltage detection by the steady high voltage and periodic high voltage pulse detection method:

1. Remove the faceplate and overlay if they are on the telephone base. Then remove the sticker on the telephone base.
2. Use a narrow object to unplug all the jumpers from the telephone base. Then plug the jumpers into ①, ② and ④.
3. Place the sticker back in place.



Speed Dial keys

There are up to 10 programmable guest-service (Speed Dial) keys. Program these keys to automatically dial telephone numbers or to activate telephone system features.

To program a Speed Dial key:

1. Remove the faceplate and overlay if they are on the telephone base. Press **Ⓜ/SPEAKER** on the telephone base or lift the handset. Then press the recessed **PROGRAM** key. The **MUTE** key flashes when in administrator mode.
2. Press the desired Speed Dial key where the telephone number is to be stored. You hear 3 beeps.
3. Enter the telephone number (up to 16 digits).
 - To insert a pause in the stored number, press the recessed **PAUSE** key.
4. The telephone stores the number automatically when 16 digits are entered. When the number has less than 16 digits, press the recessed **PROGRAM** key again. You hear 3 rising beeps as confirmation.

To clear the programmed Speed Dial key:

1. Remove the faceplate and overlay if they are on the telephone base. Press **Ⓜ/SPEAKER** on the telephone base or lift the handset. Then press the recessed **PROGRAM** key. The **MUTE** key flashes when in administrator mode.
2. Press the Speed Dial key where the telephone number is to be deleted. You hear 3 beeps. Press the recessed **PROGRAM** key again. You hear 3 rising beeps as confirmation.

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 **MESSAGE WAITING** LED flashes.

To answer a call using the corded handset:

Lift the corded handset from the telephone base.

To answer a call using the telephone base:

On the telephone base, press **📞/SPEAKER**. The **📞/SPEAKER** key illuminates when in speakerphone mode.

Place a call

Lift the corded handset or press **📞/SPEAKER** on the telephone base. Listen for a dial tone and then dial the desired number, or press a Speed Dial key to dial a programmed number. The **📞/SPEAKER** key illuminates when in speakerphone mode.

End a call

Place the corded handset in the telephone base, or press **📞/SPEAKER** when in speakerphone mode.

Switch a call between the corded handset and the telephone base speakerphone

- To switch a call from the corded handset to the telephone base speakerphone, press **📞/SPEAKER** on the telephone base, 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** on the telephone base.

Share a call

During a call, parallel telephones (telephones on the same line) can join the call.

To join a call:

During a call, lift the corded handset or press **📞/SPEAKER** to join.

Volume

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

To adjust the listening volume:

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

To adjust the ringer volume:

At any time, slide the **RINGER VOL** switch on the right side of the telephone base to adjust the ringer volume.

Call waiting

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

Mute

To mute the microphone:

1. During a call, press **MUTE** on the telephone base. 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 **MUTE** again to resume the conversation. The light on the **MUTE** key turns off.

Operation

Hold

When a call is placed on hold, any parallel phone that tries to use the same phone line will take the call off hold and pick the call.

To place a call on hold:

1. During a call, press **HOLD** on the telephone base to place that call on hold. The **HOLD** key flashes when the call is placed on hold.
2. To release the call from hold, press  **SPEAKER**, **HOLD** or lift the handset from the telephone base cradle.

Data port

You can connect your modem or fax machine to the telephone line through the **DATA** port.

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 telephones:

The telephone does not work at all.

- Make sure the telephone line is plugged into the **TEL** port of the telephone base.
- Make sure the telephone line cord is plugged firmly into the telephone wall jack.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges may apply).

There is no dial tone.

- Try all the above suggestions.
- The telephone line cord may be defective. Install a new telephone line cord.
- Disconnect the telephone base from the telephone wall jack and connect a different telephone. If there is no dial tone on this telephone either, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).

I cannot dial out.

- Try all the above suggestions.
- Make sure there is a dial tone before dialing.
- Eliminate any background noise. Mute the telephone before dialing, if applicable, or dial from another room in your unit with less background noise.
- 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).

The telephone does not ring when there is an incoming call.

- Make sure the telephone line cord is plugged in properly (pages 27, 29 and 43).
- 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).
- Test a working telephone at the telephone wall jack. If another telephone has the same problem, the problem is in the telephone wall jack. Contact your telephone service provider (charges may apply).
- The telephone line cord may be defective. Install a new telephone line cord.

There is interference during a telephone conversation.

- If there is High Speed Internet Access (HSIA) available at the premises through a telephone line, you may need to install a DSL filter (DSL - digital subscriber line) between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.
- 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 local 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).

I hear other calls when using the telephone.

- Disconnect the telephone base from the telephone wall jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges may apply).

For cordless telephones:

The telephone does not work at all.

- Make sure the RJ-45 cord is plugged into the **TEL** port of the telephone base.
- Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the power adapter and the telephone wall jack.
- Make sure the battery is installed and charged correctly (pages 36, 38 and 45). For optimum daily performance, return the cordless handset to the telephone base, charging base or charging stand after use.
- Unplug the electrical power to the telephone base. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to synchronize.
- Charge the battery in the cordless handset for up to 16 hours.

- If the battery is completely depleted, it may take up to 30 minutes to charge the cordless handset before the **LOW BATTERY** LED flashes on the cordless handset.
- Remove and install the battery again. If that still does not work, it may be necessary to purchase a new battery.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges may apply).

There is no dial tone.

- Try all the above suggestions.
- Move the cordless handset closer to the telephone base or adjust the setting of RF transmission power (page 58). It may be out of range.
- The telephone line cord may be defective. Install a new telephone line cord.
- Disconnect the telephone base from the telephone wall jack and connect a different telephone. If there is no dial tone on this telephone either, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).

I cannot dial out.

- Try all the above suggestions.
- Make sure there is a dial tone before dialing. It is normal if the cordless handset takes a second or two to synchronize with the telephone base before producing a dial tone. Wait an extra second before dialing.
- Eliminate any background noise. Mute the telephone before dialing, or dial from another room in your unit with less background noise.
- 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).

The LOW BATTERY LED flashes on the cordless handset.

- Place the cordless handset in the telephone base, charging base or charging stand for recharging.
- Remove and install the battery again and use it until fully depleted, then charge the cordless handset in the telephone base, charging base or charging stand for up to 16 hours.
- If the above measures do not correct the problem, replace the battery.

The battery does not charge in the cordless handset or the battery does not accept charge.

- Make sure the cordless handset is placed in the telephone base, charging base or charging stand correctly. The **CHARGE** LED should be on.
- Remove and install the battery again, then charge for up to 16 hours.
- If the cordless handset is in the telephone base, charging base or charging stand but the **CHARGE** LED is not on, refer to **The CHARGE LED is off** below.
- If the battery is completely depleted, charge it for at least 30 minutes before use.
- If the above measures do not correct the problem, replace the battery.

The CHARGE LED is off.

- Clean the charging contacts on the cordless handset, telephone base, charging base and charging stand each month with a pencil eraser or a dry non-abrasive fabric.
- Make sure the power adapter and telephone line cord are plugged in correctly and securely.
- Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the cordless handset and telephone base to reset.

For cordless telephones:

The telephone does not ring when there is an incoming call.

- Make sure the telephone line cord and the power adapter are plugged in properly (page 31).
- The cordless handset may be too far from the telephone base. Move it closer to the telephone base.
- Adjust the setting of RF transmission power (page 58). It may be out of range.
- 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).
- 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.
- Test a working telephone at the telephone wall jack. If another telephone has the same problem, the problem is in the telephone wall jack. Contact your telephone service provider (charges may apply).
- The telephone line cord may be defective. Install a new telephone line cord.
- Remove and install the battery again and place the cordless handset in the telephone base. Wait for the handset to synchronize

with the telephone base. Allow up to one minute for this to take place.

The cordless handset beeps and is not performing normally.

- Make sure the power cord is securely plugged into the telephone base. Plug the telephone base into a different working electrical outlet not controlled by a wall switch.
- Move the cordless handset closer to the telephone base or adjust the setting of RF transmission power (page 58). It may be out of range.
- Reset the telephone base by unplugging the electrical power to the base. Wait for 15 seconds and plug it back in again. Allow up to one minute for the cordless handset and the telephone base to synchronize.
- 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.

There is interference during a telephone conversation or the call fades in and out when I am using the cordless handset.

- Move the handset closer to the telephone base or adjust the setting of RF transmission power (page 58). It may be out of range.
- If there is High Speed Internet Access (HSIA) available at the premises through a telephone line, you may need to install a DSL filter (DSL - digital subscriber line) between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.
- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- 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.
- 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.
- The location of your telephone base can impact the performance of your cordless phone. For better reception, install the telephone base in a centralized location within the room, away from walls or other obstructions.
- Disconnect the telephone base from the telephone wall jack and plug in a corded 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).

I hear other calls when using the telephone.

- Disconnect the telephone base from the telephone wall jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges may apply).

I hear noise on the cordless handset and the keys do not work.

- Make sure the telephone line cord is plugged in securely.

Common cure for electronic equipment.

- If the telephone is not responding normally, put the cordless handset in the telephone base. If it does not fix the problem, try the following (in the order listed):
 1. Disconnect the power to the telephone base.
 2. Disconnect the battery on the cordless handset.
 3. Wait a few minutes before connecting power to the telephone base.
 4. Install the battery again and place the cordless handset in the telephone base.
 5. Wait for the cordless handset to synchronize with the telephone base. Allow up to one minute for this to take place.

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

2 Years – SIP Non-Display Models

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

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 are 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.

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.

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 B digital apparatus complies with Canadian ICES-003.

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAKXNANXXXX. This identifier must be provided to your telephone service provider upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See the installation instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your telephone service provider.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone service provider or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under **VTech Hospitality limited warranty program** in the user's manual.

If this equipment is causing harm to the telephone network, your telephone service provider may temporarily discontinue your telephone service. Your telephone service provider is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and your telephone service provider is required to inform you of your right to file a complaint with the FCC. Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. Your telephone service provider is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

Remain on the line and briefly explain the reason for the call before hanging up.

Perform such activities in off-peak hours, such as early morning or late evening.

When the adjunct is used with a leased system, permission of the owner of the equipment must be obtained for connection of the adjunct because modification of the host system is often required.

This product can only be connected to the host equipment and never directly to the network.

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.

Maintenance

Taking care of the telephone

The 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 the telephone if you ever need to ship it.

Avoid water

The 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 the telephone

The 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 water. If the telephone base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND/OR TELEPHONE LINE CORD FROM THE WALL. Then remove the telephone by the unplugged cords.

Technical specifications

1-Line Analog Corded Phone - A2210

Power requirement	Line Powered: 24V or 48V (Loop Current: >18mA in Off-Hook Mode)
Message waiting signal	Steady/periodic high voltage pulse or periodic low voltage pulse
Speed Dial memory	Telephone base: up to 10 memory locations; up to 16 digits
Size	Telephone base: 8.03 x 5.98 x 3.74 in (204 x 152 x 95 mm) Corded handset: 8.39 x 1.85 x 1.58 in (213 x 47 x 40 mm)



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