



Analogue Contemporary Series User's Guide (EU version)

Model:

2-line Analogue Corded Phone - A2220

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

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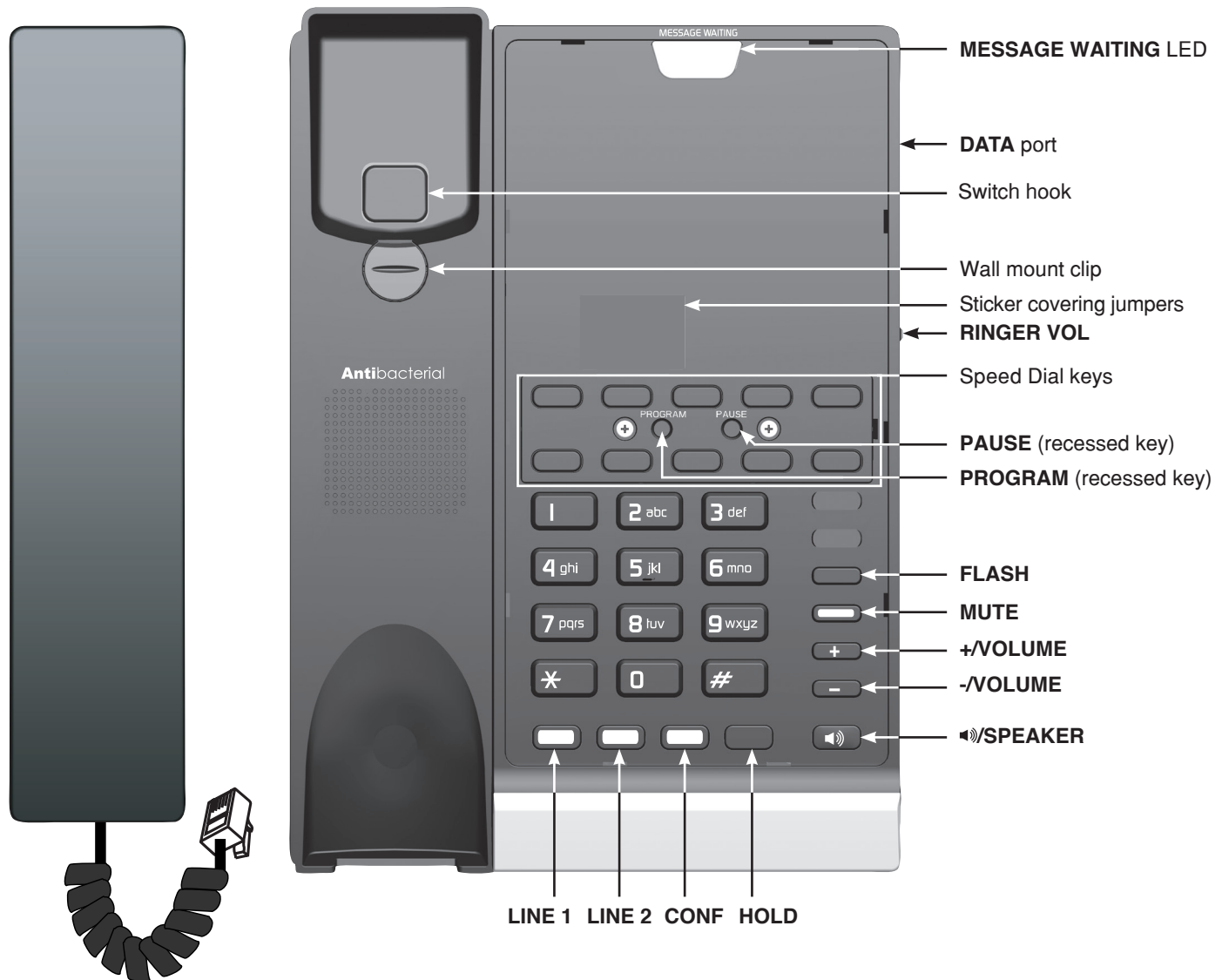
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Parts checklist

Items contained in the respective telephone package:

Model name	Model number	Parts included
2-line Analogue Coded Phone	A2220	 Telephone base with faceplate and overlay  Coded handset  Mounting bracket  Telephone line cord

Telephone layout



Telephone layout

NOTE: Make sure **LINE 1** is connected to maintain normal telephone operation.

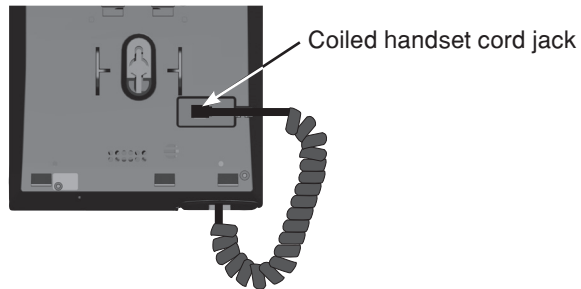
Installation

Telephone base installation

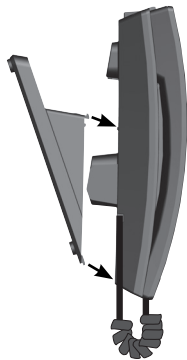
This telephone can be adapted to desktop use or mount on a standard telephone wall plate.

Installation option - desktop position

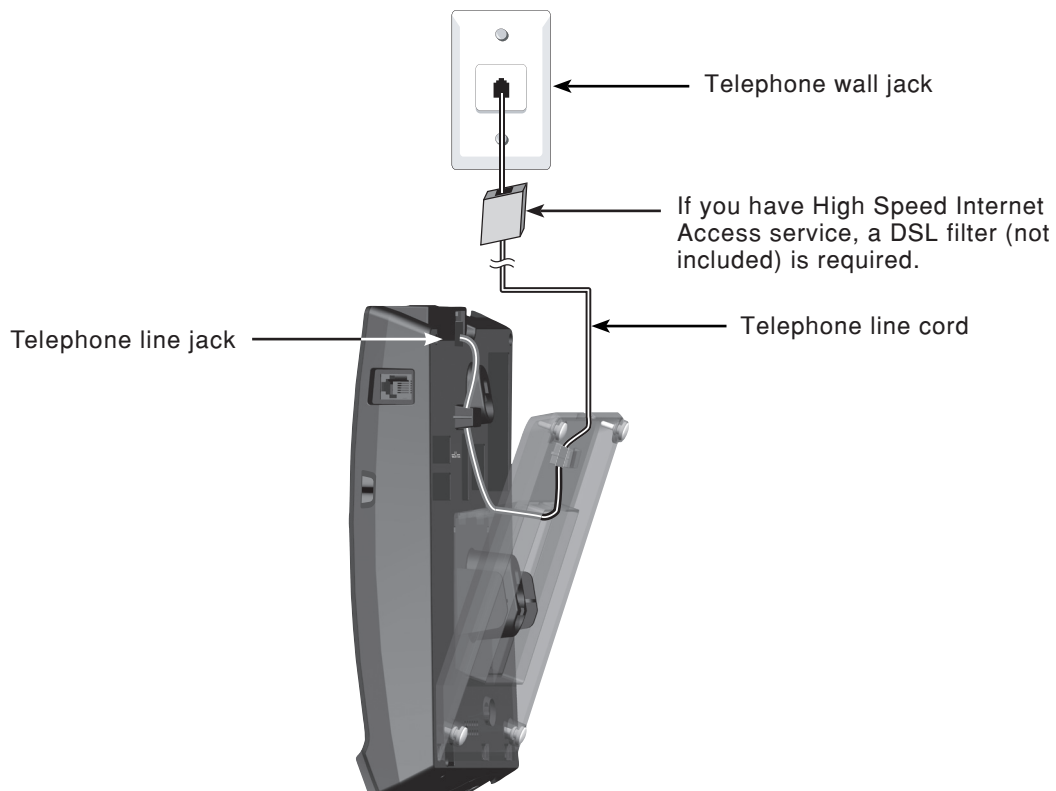
1. Turn the telephone base over with the bottom side facing up. Connect the coiled handset cord to the telephone base.



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



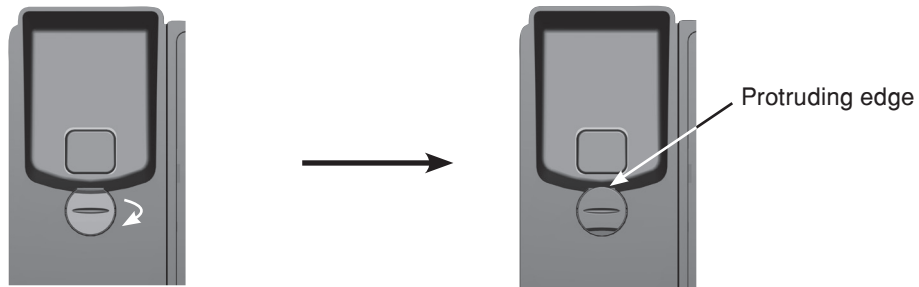
3. Install the telephone base as shown below.



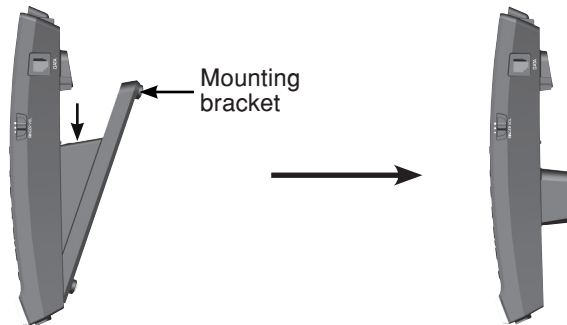
Installation option - converting from desktop to wall mount position

To mount the telephone base on the wall:

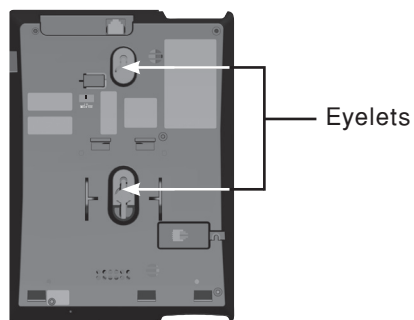
1. Set aside the handset. On the telephone base cradle, place a coin in the slit of the wall mount clip and rotate a half turn (180 degrees). It locks into place with the protruding edge pointing towards the upper edge of the telephone base. This protruding edge holds the handset when the phone is mounted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

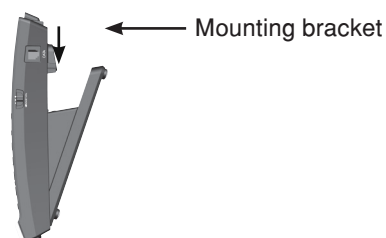
Setting	Options	Adjustable by:
Handset earpiece volume	1, 2*, 3, 4	User and administrator
Speakerphone volume	1, 2, 3, 4, 5*, 6, 7, 8	User and administrator
Ringer volume	Low, Medium*, High	User and administrator
Ringer tone	Tone 1*, Tone 2, Tone 3	Administrator only
Flash	1 (100ms), 2 (300ms), 3* (600ms)	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

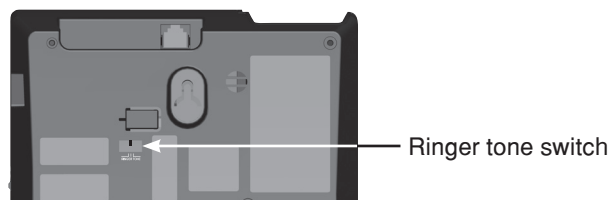
There are 3 ringer tone options. Changing the ringer tone of either **LINE 1** or **LINE 2** applies to both phone lines.

To change the ringer tone:

1. Turn the telephone base over with the bottom side facing up.
 - 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.



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



3. Install the mounting bracket accordingly.

Flash

There are 3 flash duration options that can be programmed.

To change the flash duration:

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 **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.

Voicemail voltage detection

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

To disable the voicemail voltage detection:

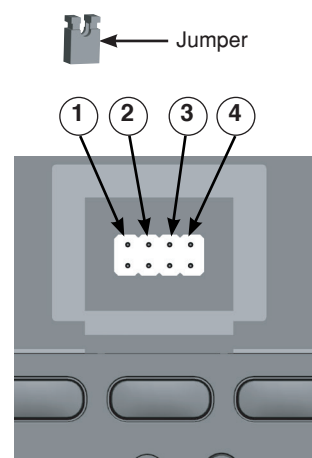
1. Remove the faceplate and overlay if they are on the telephone base. Then remove the sticker on the telephone base.
2. Use a narrow object to unplug all the jumpers from the telephone base.
3. Place the sticker back in place.

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.

NOTE: Make sure **LINE 1** is connected to maintain normal telephone operation.

Receive a call

- When there is a line 1 incoming call, the telephone rings. The **MESSAGE WAITING** LED and **LINE 1** key flash.
- When there is a line 2 incoming call, the telephone rings. **LINE 2** key flashes.

To answer a call using the corded handset:

Lift the cordless handset. It automatically connects to the ringing line. The respective line key illuminates when in use.

To answer a call using the telephone base:

Press the flashing line key for the ringing line, or press **☎/SPEAKER**. It automatically connects to the ringing line. The respective line key and the **☎/SPEAKER** key illuminate when in use.

Place a call

Lift the corded handset, or press **LINE 1**, **LINE 2**, or **☎/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 respective line key illuminates when in use. The **☎/SPEAKER** key illuminates when in speakerphone mode.

End a call

Place the corded handset in the telephone base, or press **☎/SPEAKER** or the active line key 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. The active line is selected. When both lines are in use or on hold, **LINE 1** is selected.
- 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. The active line is selected. When both lines are in use or on hold, **LINE 1** is selected.
- 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. The active line is selected. When both lines are in use or on hold, **LINE 1** is selected.

Share a call

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

To join a call:

During a call on line 1 or line 2, press the respective **LINE 1** or **LINE 2** key to join.

Speakerphone

- When the telephone is idle, press **☎/SPEAKER**. The first available line is selected, starting with line 1.
- During a call on the handset, press **☎/SPEAKER**. The active line is selected. When both lines are in use or on hold, **LINE 1** is selected.

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.

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 respective line key flashes when the call is placed on hold.
2. Press the flashing line key or **Ⓜ/SPEAKER** to release the call from hold. The respective line key illuminates when in use. When both lines are on hold, press **Ⓜ/SPEAKER** releases the call on line 1.

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 a line key to maintain the connection with that line and drop the other line.
- When the conference call is in speakerphone mode, press **CONF** or **Ⓜ/SPEAKER** on the telephone base to end.
- When the conference call is in handset earpiece mode, place the corded handset back in the telephone base to end.
- When there is more than one telephone on the conference call, the call ends when all telephones hang up.

Data port

You can connect your modem or fax machine to the telephone line through the **DATA** port. The data port routes to line 2.

Appendix

Troubleshooting

If you have difficulty with the telephones, please try the suggestions below. For customer service, call +44 (0)1942 26 5195 or email vtech@corpteluk.com.

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.
- 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).

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 an authorized distributor. The limited warranty period for this Product is determined based on the following:

5 Years – Analogue 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.

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.

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.

Product disposal instructions

The symbol shown here and on the product means that the product is classed as Electrical or Electronic Equipment and should not be disposed with other household or commercial waste at the end of its working life.

The Waste of Electrical and Electronic Equipment (WEEE) Directive (2012/19/EU) has been put in place to recycle products using best available recovery and recycling techniques to minimize the impact on the environment, treat any hazardous substances and avoid the increasing landfill.



Product disposal instructions for residential users

When you have no further use for it, please remove any batteries and dispose of them and the product as per your local authority's recycling processes. For more information please contact your local authority or the retailer where the product was purchased.

Product disposal instructions for business users

Business users should contact their suppliers and check the terms and conditions of the purchase contract and ensure that this product is not mixed with other commercial waste for disposal.

Technical information

Specific Absorption Rate (SAR)

This device meets applicable international safety requirements for exposure to radio waves.

The max. limit according to WHO is 2W/kg (per 10g tissue).

This telephone measures 0.03 W/kg (per 10g tissue).

European Directives

These equipments are compliant with directives 1999/5/EC (R&TTE), 2014/35/EU (LVD), 2014/30/EU (EMC) and 2011/65/EU (ROHS).

Declaration of Conformance

Hereby, VTech declares that cordless equipment are in compliance with the essential requirements of directive 1999/5/EC (R&TTE) The Declaration of Conformity may be obtained from: www.vtechhotelphones.com.



Warning

These are class A products. In a domestic environment these products may cause radio interference in which case the user may be required to take adequate measures.

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

2-line Analogue Corded Phone - A2220

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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