



## Quick Start Guide

VSP600

DECT SIP Cordless Base Station  
with Cordless Handset



## Important Safety Information



This symbol is to alert you to important operating or servicing instructions that may appear on the product or in this user's manual. Always follow basic safety precautions when using this product to reduce the risk of injury, fire, or electric shock.

### Important Safety Instructions

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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 base station 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 supplied at 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 base station 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 base station or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
13. Do not overload wall outlets and extension cords.
14. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
  - A. When the power supply cord or plug is damaged or frayed.
  - B. If liquid has been spilled onto the product.
  - C. If the product has been exposed to rain or water.
  - D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
  - E. If the product has been dropped and the telephone base and/or handset has been damaged.
  - F. If the product exhibits a distinct change in performance.
15. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
16. Do not use the telephone to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the handset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the phone into a power outlet, and should not put a charged handset into the cradle, if the phone is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapors; etc.); a leak of natural gas; etc.

17. Only put the handset of your telephone next to your ear when it is in normal talk mode.
18. The power 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 indicated in this manual.
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 installation instructions in the User Guide.
21. CAUTION: Keep small metallic objects such as pins and staples away from the handset receiver.

## **SAVE THESE INSTRUCTIONS**

## Compliance

### **FCC part 15**

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

Privacy of communications may not be ensured when using this phone.

Warning: 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.

Caution: To maintain the compliance with the FCC's RF exposure guideline, place the base unit at least 20 cm from nearby persons.

For body-worn operation, this handset has been tested and meets the FCC RF exposure guidelines when used with the accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

This Class A digital apparatus complies with Canadian requirements:  
CAN ICES-3 (A)/NMB-3(A).

Cet appareil numérique de la classe A est conforme à la norme CAN ICES-3 (A)/NMB-3(A) du Canada.

This device complies with Industry Canada license-exempt RSS standard(s).

### **Industry Canada**

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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 of the device.

Privacy of communications may not be ensured when using this telephone.

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.

## About this Guide

This quick start guide provides a reference for the external features of the base station and handset and basic installation instructions.

Please refer to the VSP600/VSP601 User Guide for complete installation and operation instructions. You can download the guide from **businessphones.vtech.com**.

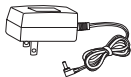
For customer service or product information, visit our website at **businessphones.vtech.com** or call **1 (888) 370-2006**.

## Parts Checklist

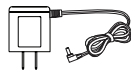
Your package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.



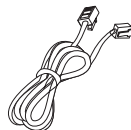
Quick Start Guide



Base Station  
DC adapter



Handset charger  
DC adapter



Ethernet cable



Base Station



Base Station  
wall-mounting plate



Handset



Handset battery and  
battery compartment  
cover

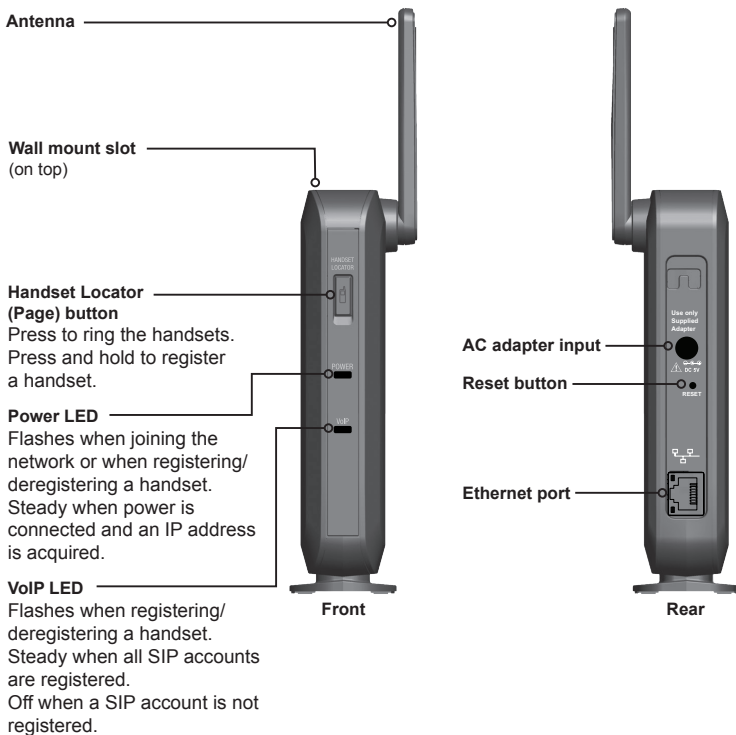


Handset charger

## Quick Reference Guide

### Base station external features

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## Quick Reference Guide

### Cordless handset external features

#### MESSAGE LED

Flashes when a line has a new voice message.

#### SOFT KEYS

Perform the actions indicated by the on-screen labels.

#### TRANSFER

Press to start transferring a call.

#### TALK

Press to start making a call.

#### VOL ▼ CID

While in menus, press ▼ to scroll down the menu. Press to display the Call history.

#### HOLD

Press to put a call on hold.



#### HEADSET JACK

2.5 mm jack for connecting a corded headset.

#### VOL ▲ DIR

While in menus, press ▲ to scroll up the menu. Press to display the Directory.

#### CONF

Press to start a conference call.

#### MENU/SELECT

Press to display the main menu. Press to select a menu item.

#### OFF/CANCEL

Press to end a call. Press to cancel an operation and leave a menu.

#### INT

Press to start making an intercom call.

On back:

- BELT CLIP
- SPEAKER

### Dial pad and audio controls

#### DIAL PAD

#### REDIAL/PAUSE

Press to redial a number or enter a pause when programming a phone number.

#### SPEAKER

Press to use the handset speakerphone.



#### MUTE/DELETE

During a call, press to prevent your voice from being heard. While entering numbers or letters, press to delete previous character.



## Base Station Installation


This section assumes that your network infrastructure is established and that your IP PBX phone service has been ordered and configured for your location. For more information about IP PBX configuration, see the VSP600/VSP601 Administrator and Provisioning Manual, available at **[businessphones.vtech.com](http://businessphones.vtech.com)**.

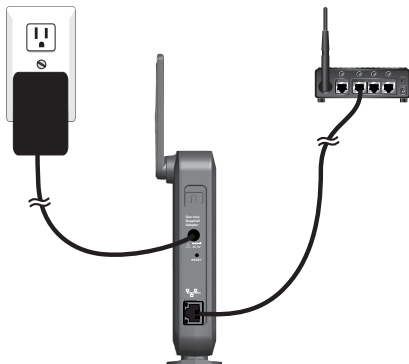
You can power the base station using the supplied power adapter or using Power over Ethernet (PoE) from your network. (The base station requires PoE Class 3.) If you are not using PoE, install the base station near a power outlet not controlled by a wall switch. The base station can be placed on a flat surface or mounted on a wall in a vertical or horizontal orientation.

Avoid placing the base station too close to:

- Communication devices such as television sets, DVD players, or other cordless telephones
- Excessive heat sources
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting
- Excessive dust sources such as a workshop or garage
- Excessive moisture
- Extremely low temperature
- Mechanical vibration or shock such as on top of a washing machine or work bench

### To install the base station:

1. Plug one end of the Ethernet cable into the Ethernet port on the rear of the base station (marked by ) , and plug the other end of the cable into your network router or switch.
2. If the base station is not using power from a PoE-capable network router or switch:
  - a. Connect the supplied power adapter to the base station power jack.
  - b. Plug the power adapter into an electrical outlet that is not controlled by a wall switch.

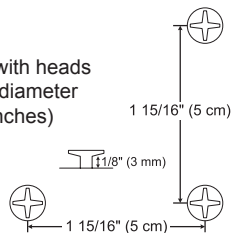


### IMPORTANT INFORMATION

1. Use only the power adapter supplied with this product. To order a replacement power adapter, visit our website at [businessphones.vtech.com](http://businessphones.vtech.com) or call **1 (888) 370-2006**.
2. The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

### To mount the base station on a wall:

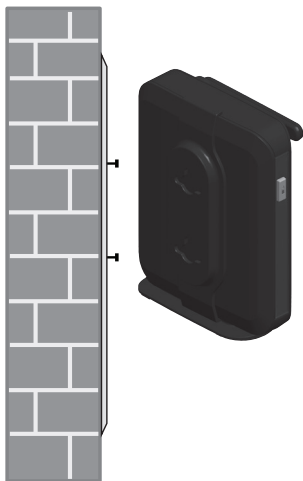
1. Install two mounting screws on the wall. Choose screws with heads larger than 5 mm (3/16 inch) in diameter (1 cm / 3/8 inch diameter maximum). The screw centers should be 5 cm (1 15/16 inches) apart vertically or horizontally.
2. Tighten screws until only 3 mm (1/8 inch) of the screws are exposed.



3. Attach the mounting plate to the top of the base station. Insert the tab into the slot and then push the plate in at the bottom of the base station until the mounting plate clicks into place.



4. Check to make sure the plate is secure at top and bottom. It should be flush with the base station body.
5. Place the base station over the mounting screws.



6. Connect power and the Ethernet cable as described in "To install the base station."

## Handset Installation

This section assumes that your network infrastructure is established and that your IP PBX phone service has been ordered and configured for your location. For more information about IP PBX configuration, see the VSP600/VSP601 Administrator and Provisioning Manual, available at [businessphones.vtech.com](http://businessphones.vtech.com).

Handset installation involves both the the handset and the handset charger. The charger is powered using the supplied power adapter. The charger can be placed on a flat surface or mounted on a wall.

Avoid placing the handset and charger too close to:

- Communication devices such as television sets, DVD players, or other cordless telephones
- Excessive heat sources
- Noise sources such as a window with traffic outside, motors, microwave ovens, refrigerators, or fluorescent lighting
- Excessive dust sources such as a workshop or garage
- Excessive moisture
- Extremely low temperature
- Mechanical vibration or shock such as on top of a washing machine or work bench

### **Installing the charger**

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Install the charger as shown below.



Plug the power adapter into an electrical outlet not controlled by a wall switch.


## IMPORTANT INFORMATION




1. Use only the power adapter supplied with this product. To order a replacement power adapter, visit our website at **businessphones.vtech.com** or call **1 (888) 370-2006**.
2. The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

### Battery installation and charging

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Install the battery as shown on the following page. Once you have installed the battery, the screen indicates the battery status (see the table below). If necessary, place the handset in the charger to charge the battery. For best performance, keep the handset in the charger when not in use. The battery is fully charged after 11 hours of continuous charging.

If the screen is blank, you need to charge the handset without interruption for at least 30 minutes to give the handset enough charge to use the telephone for a short time. When the battery is low, the handset shows **Low battery** and a flashing .

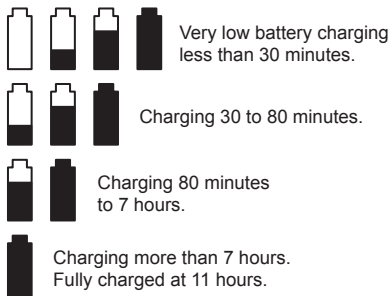
Battery indicators	Battery Status	Action
The screen is blank or shows <b>Place in charger</b> and  flashes.	The battery has no or little charge. The handset cannot be used.	Charge without interruption (at least 30 minutes).
The screen shows <b>Low battery</b> and  flashes.	Battery has enough charge to be used for a short time.	Charge without interruption (at least 30 minutes).
Full battery icon (  ) appears. The screen shows <b>HANDSETx</b> (x represents the handset ID number 1 to 6).	Battery is charged.	To keep the battery charged, place it in the charger when not in use.

### To install the handset battery:

1. Plug the battery connector securely into the socket inside the handset battery compartment. Insert the supplied battery with the label THIS SIDE UP facing up as indicated.
2. Align the cover flat against the battery compartment, then slide it upwards until it clicks into place.



3. Charge the handset by placing it face forward in the charger. The battery icon indicates the charge status as the battery charges.



### IMPORTANT INFORMATION

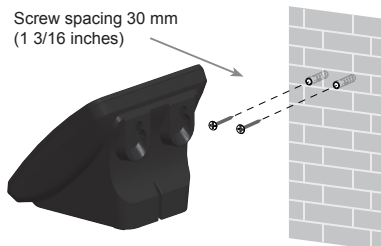
- Use only the supplied rechargeable battery or replacement battery (model BT164392). To order a replacement battery, visit our website at [businessphones.vtech.com](http://businessphones.vtech.com) or call **1 (888) 370-2006**.
- If you do not use the handset for a long time, disconnect and remove the battery to prevent possible leakage.

## Wall mounting the charger

The charger is ready for tabletop use. If you want to mount the charger on a wall, use two 10 mm (3/8 inch) screws and wall anchors to hold the charger in place. Screws and wall anchors are not provided, but are available for purchase in many hardware or consumer electronics retailers. You might need a professional to install the charger.

### To mount the charger on the wall:

1. Use a pencil to mark the desired positions of the two holes on the wall. Make sure the space between the two holes is 30 mm (1 3/16 inches). Drill two holes in the wall according to the marks.



2. If you drill the holes into a stud, go to step 3.

-OR-

If you drill the holes into an object other than a stud, insert the wall anchors into the holes and tap gently on the ends with a hammer until the wall anchors are flush with the wall.

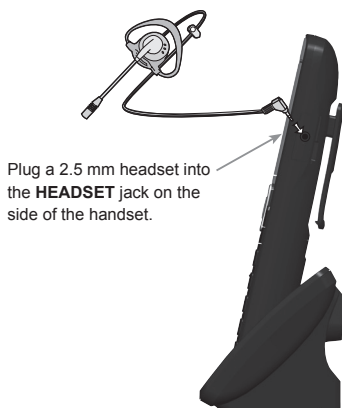
3. Insert the screws into the holes and tighten them until only 6 mm (1/4 inch) of the screws are exposed.
4. Align the holes at the back of the charger with the screws on the wall and slide the charger down until it locks into place.



## Adding a corded headset

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You can use this handset hands-free when you install any industry-standard 2.5 mm corded telephone headset (purchased separately). For best results, use a VTECH 2.5 mm corded headset. To purchase a corded headset, visit our website at [businessphones.vtech.com](http://businessphones.vtech.com) or call 1 (888) 370-2006.





## Handset Registration

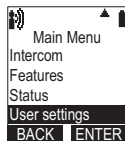
### Registering the handset to the base station

The handset must be registered to the base station in order to make and receive calls.

#### To register the handset:

1. Make sure the handset has a charged battery before proceeding. Make sure the base station is connected to power.
2. Press MENU on the handset. The Main Menu appears.
3. Press ▼ to scroll to **User settings** and press SELECT.
4. Press ▼ to scroll to **Registration** and press SELECT.
5. With **Handset** highlighted, press SELECT. The handset screen displays instructions. Press **NEXT** to continue reading the instructions.
6. On the base station, press the HANDSET LOCATOR button for at least four seconds, and then release the button. Both LEDs on the base station begin to flash.
7. Press the # key on the handset. The screen shows **Please wait...** The process takes up to 10 seconds to complete. When the first handset registers, it beeps and the screen displays **HANDSET 1**.

If the handset fails to register, place it in the charger again for a few seconds, remove it and repeat the registration procedure.



## Deregistering the handset

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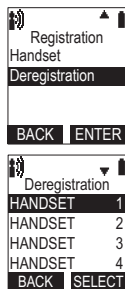
Before using the handset with a different base station, you must deregister the handset from the base station to which it is currently registered.

### To deregister the handset:

1. Press MENU on the handset. The Main Menu appears.
2. Press ▼ to scroll to **User settings** and press SELECT.
3. Press ▼ to scroll to **Registration** and press SELECT.
4. Press ▼ to highlight **Deregistration** and press SELECT.  
The handset screen displays a list of registered handsets.
5. Highlight the name of the handset you want to deregister, and then press **SELECT**.
6. On the base station, press the HANDSET LOCATOR button for at least four seconds, and then release the button. Both LEDs on the base station begin to flash.
7. On the handset, enter the System PIN and then press SELECT. The default PIN is 0000.

The screen shows **Please wait**. The process takes up to 10 seconds to complete. When the handset deregisters, it beeps and the screen displays **Unregistered**.

**Note:** The handset enters an energy-saving charging mode after being deregistered. All cordless telephone functions except handset-battery charging are disabled. Energy-saving charging mode is deactivated after the handset registers to the base station.



## Maintenance

### Taking care of your telephone

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- Your base station and cordless handset contain sophisticated electronic parts, so you must treat them with care.
- Avoid rough treatment.
- Place the handset down gently.
- Save the original packing materials to protect your products if you ever need to ship them.

### Avoid water

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- You can damage your cordless telephone if it gets wet. Do not use the handset in the rain, or handle it with wet hands. Do not install the base station and handset near a sink, bathtub or shower.

### Electrical storms

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

### Cleaning your telephone

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- Your products have a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a 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 FROM THE WALL, then pull the unit out by the unplugged cord.

## Technical Specifications

RF frequency band	1921.536–1928.448 MHz
Channels	5
Operating temperature	32–122 °F (0–50 °C)
Power requirements	Base: 5.0 Vdc @ 800 mA Handset charger: 6.0 Vdc @ 300 mA Handset: 2.4 V 550/750 mAh, Ni-MH battery pack
Power over Ethernet	IEEE 802.3at supported, class 3
Ethernet network port	10/100 Mbps RJ-45 port

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