

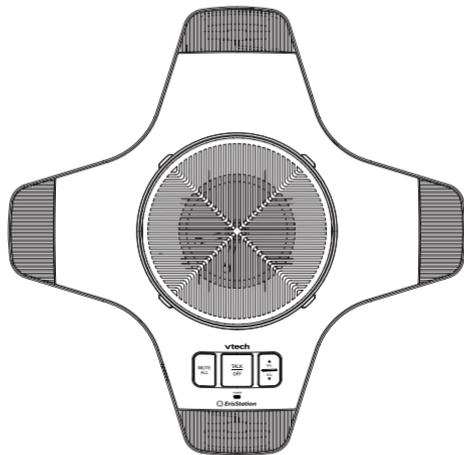
# vtech®

## User's manual

VCS850

SIP DECT Expansion

Wireless Speakerphone



# Congratulations

on purchasing your new VTech product. Before using this product, please read “Important safety instructions” on page 11 of this manual.

This manual has all the feature operations and troubleshooting necessary to install and operate your new VTech product. Please review this manual thoroughly to ensure proper installation and operation of this innovative and feature-rich VTech product.

For customer service or product information, visit our website at

**businessphones.vtech.com** or call **1 (888) 370-2006**.

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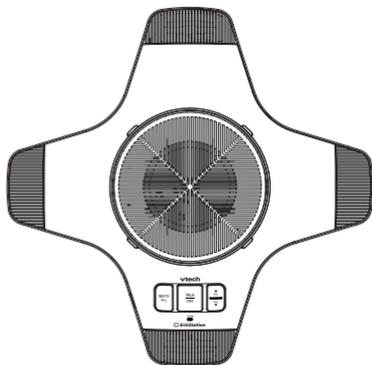
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# Getting started

## Parts checklist

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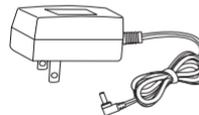
Your VCS850 package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.



Wireless Speakerphone



Battery



Power adapter



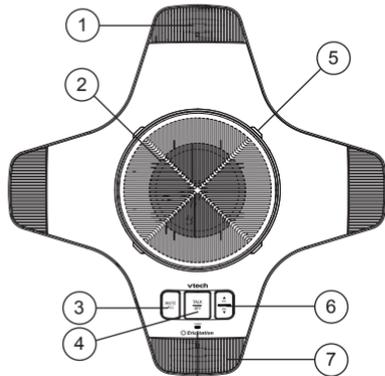
Quick Start Guide

**note**

- To purchase a replacement power adapter, visit our website at [businessphones.vtech.com](http://businessphones.vtech.com) or call **1 (888) 370-2006**.

# Getting started

## Speakerphone layout



1. Microphone
2. Speaker
3. **MUTE ALL**  
During a call, press to mute or end mute all microphones in the system.
4. **TALK OFF**  
Press to answer or end a call.

5. Multipurpose LEDs (four)
6. ▲ VOL / ▼ VOL  
  - Press to adjust the ringer volume.
  - During a call, press to adjust the listening volume.
7. Microphone

### Charge LED

- On when charging
- Off when charging is complete
- Flashes when battery is low

**Not shown:** REGISTRATION button on underside.

- Press and hold to enter registration mode (if the speakerphone becomes deregistered).

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## LED color and behavior VCS850 Status

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### GREEN

- |                         |                           |
|-------------------------|---------------------------|
| Steady                  | • Call active, speaker on |
| Flashing                | • Incoming call           |
| Flashing (with red LED) | • Ready for registration  |
| Slow flash              | • Paged by base           |
| On for 5 secs           | • Successfully registered |
- 

### RED

- |                           |                              |
|---------------------------|------------------------------|
| Flashing (with green LED) | • Ready for registration     |
| On for 5 secs             | • Registration failed        |
| Steady                    | • Microphone muted           |
| Slow flash                | • Out of range, deregistered |
- 

### ORANGE

- |               |              |
|---------------|--------------|
| Steady        | • Reset mode |
| On for 5 secs | • Power on   |
-

## Getting started

### Installing the wireless speaker battery

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- Risk of explosion! Batteries should not be exposed to excessive heat such as bright sunlight or fire.
  - Use only the supplied battery.
  - Risque d'explosion! Le bloc-piles ne doit pas être exposé à la chaleur excessive telle que la lumière du soleil ou au feu.
  - N'utilisez que la pile incluse.
1. After removing the battery door, plug the battery connector securely into the socket inside the battery compartment.
  2. Place the battery into the battery compartment.
  3. Attach the battery door until it clicks into place.

### Connecting power to the VCS850

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1. Plug one end of the AC adapter into the power jack on the bottom of the unit.
2. Route the cord through the slots.
3. Plug the large end of the AC adapter into a wall outlet not controlled by a switch.

After connecting power, the VCS850 LEDs light orange for five seconds.



- The supplied power adapter is designed for use with only the VCS850. It is not designed to power other devices. Do not connect the supplied power adapter to any other devices.
- The AC power cord is intended for a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or cabinet outlet.

# Getting started

## Register the Wireless Speakerphone

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You must register the VCS850 using the menus on the VCS752 SIP Conference Phone.

**note**

Flashing red and green LEDs indicate the VCS850 is ready for registration. After power-up, press and hold the **REGISTRATION** button on the bottom of the unit for five seconds. Release the button, and, with the VCS850 LEDs flashing red and green, perform the registration procedure below.

1. On the VCS752 SIP Conference Phone, press **MENU**.
2. On the Main Menu, highlight **User settings** and then press **SELECT**.
3. On the **User settings** menu, highlight **Wireless speaker** and then press **SELECT**.



4. On the **Wireless speaker** menu, with **Register** highlighted, press **SELECT**.

The screen displays **Registering...** and then **Registration succeeded**. The base plays a confirmation tone. The registered speaker LEDs stop flashing red and green. The LEDs turn green briefly and then turn off.

5. Repeat steps 1 to 4 for any additional wireless speakerphones.
  - If a speakerphone fails to register, the base unit will display **Registration failed**.
  - To cancel registration, press **CANCEL**.

# Getting started

## Replace a Wireless Speakerphone

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If you want to replace a VCS850, you must deregister the speakerphones that are registered to the telephone base.

To make deregistration easier, read all of the instructions on this page before you begin.

### To deregister the speakerphones:

1. On the VCS752 SIP Conference Phone, press **MENU**.
2. On the Main Menu, highlight **User settings** and then press **SELECT**.
3. On the **User settings** menu, highlight **Wireless speaker** and then press **SELECT**.



4. On the **Wireless speaker** menu, highlight **Deregister** and then press **SELECT**.
5. Press **Yes** to deregister all the wireless speakers.  
The screen displays **Deregistering...** and then **Wireless speakers are deregistered**.
6. Place the new VCS850 near the VCS752 and perform the registration procedure from page 4.

# Speakerphone operation

## Make a call

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**note**

The VCS850 cannot make calls. Use the VCS752 for making calls, putting calls on hold, transfer, conference, and so on. You can answer calls, end calls, and mute audio using the VCS850.

## Answer a call

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To answer a call, press  $\frac{\text{TALK}}{\text{OFF}}$ .

The call becomes active on all VCS850s and the VCS752.

## End a call

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To end a call, press  $\frac{\text{TALK}}{\text{OFF}}$  during a call.

The call ends on all VCS850s and the VCS752.

## Mute audio during a call

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Press **MUTE ALL**. All VCS850s and the VCS752 will be muted. The LEDs on all devices turn red, and you cannot be heard by the other party.

## Ringer

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When the VCS752 rings for incoming calls, the VCS850 rings as well. The VCS850 LEDs flash green, and the ringer will sound (if not muted).

To immediately mute the ringer, press **MUTE ALL**. The ringer becomes active again for the next call.

## Volume control

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### To adjust the ringer volume:

When the VCS850 is not in use, press  $\frac{\blacktriangle}{\text{VOL}} / \frac{\blacktriangledown}{\text{VOL}}$ .

### To adjust the listening volume:

During a call, press  $\frac{\blacktriangle}{\text{VOL}} / \frac{\blacktriangledown}{\text{VOL}}$ .

# Appendix

## Specifications

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Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	1921.536–1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Ni-MH Battery Pack; 7.2V; 2100mAH rechargeable battery Base unit adapter: Input: 100–240V AC 50/60Hz Output: 12V DC @ 1.0A

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# Appendix

## Troubleshooting

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

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

### **My speakerphone does not work at all.**

- Make sure the speakerphone charger power adapter is securely plugged into an electrical outlet (see “Connecting power to the VCS850” on page 3). The POWER light should be on.
- Make sure the speakerphone is registered to the base (see “Register the Wireless Speakerphone” on page 4).
- 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 the speakerphone battery is completely depleted, it may take up to 15 minutes to charge the speakerphone before the speakerphone has enough charge to use for a short time.
- The speakerphone battery may be defective. Contact our customer service for assistance.

### **I cannot dial out.**

- You must use a telephone on the same line to dial out. Once you have dialed the number, you can press **TALK OFF** on the speakerphone to take the call.
- If other telephones in your home are having the same problem, the problem is in your wiring or telephone service. Contact your telephone service provider (charges may apply).

### **The red or blue light keeps flashing on the speakerphone.**

- Different flashing patterns of the red and/or blue lights indicate different conditions of the speakerphone. See “Speakerphone layout” on page 2.
- Register the speakerphone to the base.

### **The other party cannot hear my voice during a call.**

- Make sure the mute feature is not turned on during a call (see “Mute audio during a call” on page 6).

# Appendix

## Troubleshooting

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### **I cannot hear any ring tone from the cordless speakerphone when there is an incoming call.**

- Make sure the speakerphone ringer volume is not set to the lowest level.
- If you have pressed **MUTE ALL** on the cordless speakerphone when it is ringing, it mutes the ring tone of the speakerphone. The ring tone resumes on the next call.
- The speakerphone may be too far from the telephone base. Move it closer to the telephone base.
- The layout of your home or office may be limiting the operating range. Try moving the telephone base to another location, preferably on a higher location.
- If other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.

### **There is interference during a telephone conversation.**

#### **My calls fade out when I am using the cordless speakerphone.**

- The cordless speakerphone may be out of range. Move it closer to the telephone base.
- The location of your telephone base can affect the performance of your cordless speakerphone. For better reception, install the telephone base in a centralized location within your home or office, away from walls or other obstructions. In many environments, relocating the telephone base to a higher location improves overall performance.
- If other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.

# Appendix

## Troubleshooting

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### **I cannot register the speakerphone.**

- If you have already registered the maximum numbers of handsets and/or speakerphones that the telephone system accommodates, you need to follow the deregistration instructions before registering a speakerphone. See “Register the Wireless Speakerphone” on page 4 and “Replace a Wireless Speakerphone” on page 5.
- Make sure that all registered handsets, registered speakerphones and the telephone base are in idle mode when registering a speakerphone.
- Follow the steps below for the common cure for electronic equipment, then try again to register a speakerphone.

### **I want to use my cordless speakerphone with a different telephone base.**

- You need to deregister the speakerphone from the current telephone base (see page 5) and then register it to the new telephone base.

### **Common cure for electronic equipment.**

- If the unit is not responding normally, try the following (in the order listed):
  - Disconnect the power to the telephone base.
  - Wait a few minutes before connecting power to the telephone base.
  - Wait for the cordless speakerphone to synchronize with the telephone base. Allow up to one minute for this to take place.

# Appendix

## 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. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. 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.
5. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
6. 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.
7. 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 in your home or office, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
9. Never push objects of any kind into this product through the slots in the speakerphone charger or speakerphone because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
10. 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 speakerphone charger and speakerphone may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
11. Do not overload wall outlets and extension cords.
12. 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 speakerphone charger and/or speakerphone has been damaged.
  - F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
14. 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 speakerphone 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 speakerphone 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.
15. 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.

**SAVE THESE INSTRUCTIONS**

# Appendix

## Mesures de sécurité importantes

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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. Lisez et comprenez bien toutes les instructions.
2. Observez toutes les instructions et mises en garde inscrites sur l'appareil.
3. 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.
4. 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.
5. Ne déposez pas ce téléphone sur un chariot, support ou table chancelants. L'appareil pourrait tomber et être sérieusement endommagé.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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. Débranchez l'appareil avant de procéder au nettoyage. Utilisez un chiffon humide et doux.
11. Ne surchargez pas les prises de courant et les rallonges.
12. Débranchez cet appareil de la prise de courant et communiquez avec le département de service à la clientèle de VTech dans les cas suivants :
  - 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 le produit ne fonctionne pas normalement en respectant les instructions de fonctionnement. Réglez uniquement les commandes indiquées dans les instructions de fonctionnement. Les réglages incorrects des autres commandes pourraient provoquer un dommage qui pourrait exiger un travail exhaustif de la part d'un technicien autorisé afin de rétablir le fonctionnement normal de l'appareil.
  - Si le produit a été échappé et que le socle et/ou le combiné a été endommagé.
  - Si le produit affiche une nette diminution de sa performance.
13. Évitez d'utiliser un téléphone (autre qu'un sans fil) pendant un orage. Les éclairs peuvent être à l'origine d'une électrocution.
14. N'utilisez pas le téléphone pour rapporter une fuite de gaz à proximité de la fuite. En certaines circonstances, une flamme pourrait être provoquée lorsque l'adaptateur est branché à une prise de courant, ou lorsque le combiné est déposé sur le socle. Ceci est un événement commun associé à la fermeture d'un circuit électrique. L'utilisateur ne devrait pas brancher le téléphone à une prise de courant, et ne devrait pas déposer le combiné chargé sur le socle, si le téléphone se trouve à proximité d'un endroit comportant des concentrations de gaz inflammables, à moins que la ventilation soit adéquate. Une flamme dans un tel endroit pourrait provoquer un incendie ou une explosion. De tels environnements peuvent comprendre: des endroits où l'on utilise de l'oxygène médical sans ventilation adéquate; des gaz industriels (dissolvants de nettoyage, des vapeurs d'essence, etc.); une fuite de gaz naturel, etc.
15. Ces adaptateurs ont été conçus pour être orientés en position verticale ou montés au sol. Les broches ne sont pas conçues pour maintenir l'adaptateur en place si celui-ci est barmché dans une prise au plafond ou sous une table/armoire.

### CONSERVEZ CES INSTRUCTIONS

# Appendix

## Maintenance

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### Taking care of your speakerphone

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

### Avoid rough treatment

Save the original packing materials to protect your speakerphone if you ever need to ship it.

### Avoid water

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

### Electrical storms

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

### Cleaning your speakerphone

Your speakerphone 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.

## About the cordless speakerphone

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- **Privacy:** The same features that make a cordless speakerphone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless speakerphone by radio waves, so there is a possibility that the cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless speakerphone. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- **Electrical power:** The speakerphone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch.
- **Potential TV interference:** Some cordless speakerphones operate at frequencies that may cause interference to televisions and VCRs. To minimize or prevent such interference, do not place the telephone base of which the cordless speakerphone is registered near or on top of a TV or VCR. If interference is experienced, moving the cordless speakerphone farther away from the TV or VCR often reduces or eliminates the interference.
- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture the battery. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

## The RBRC® seal



The RBRC® Seal means that the manufacturer is voluntarily participating in an industry program to collect and recycle nickel-metal hydride rechargeable batteries when taken out of service within the United States. These batteries may be taken to a participating local retailer of replacement batteries or recycling center. Or you may call 1 (800) 8 BATTERY® for locations accepting spent Ni-MH batteries.

**RBRC® and 1 (800) 8 BATTERY® are registered trademarks of the Rechargeable Battery Recycling Corporation.**

# Appendix

## Warranty

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### **What does this limited warranty cover?**

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase (“Consumer” or “you”) that the Product and all accessories provided in the sales package (“Product”) 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 operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

### **What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period (“Materially Defective Product”)?**

During the limited warranty period, VTech’s authorized service representative will repair or replace at VTech’s option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech’s option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

### **How long is the limited warranty period?**

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to the repaired or replacement Product 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 one-year warranty; whichever is longer.

### **What is not covered by this limited warranty?**

This limited warranty does not cover:

1. Product that has 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 of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without a valid proof of purchase (see item 2 on the next page); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

# Appendix

## Warranty (continued)

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### How do you get warranty service?

To obtain warranty service in the United States of America, visit **businessphones.vtech.com** or call **1 (888) 370-2006**. NOTE: Before calling for service, please review the user's manual - a check of the Product's controls and features may save you a service call.

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 the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty. Transportation, delivery or 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 prior to any further repair activity. 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.

### What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

### 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. The warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. 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.

**Please retain your original sales receipt as proof of purchase.**

# Appendix

## FCC, ACTA and IC regulations

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

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 speakerphone 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.

### 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:AAAEQ##TXXXX. This identifier must be provided to your telephone service provider upon request.

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.

# Appendix

## FCC, ACTA and IC regulations (continued)

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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 Warranty.

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.

### Industry Canada

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

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.

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Distributed in Canada by VTech Technologies Canada Ltd., Richmond, B.C. V6W 1L5.

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