

User’s manual

MA3222

DECT 6.0 portable speaker with  
BLUETOOTH® wireless technology



Congratulations

on purchasing your new VTech product. Before using this product, please read **Important safety instructions** below.

For support, shopping, and everything new at VTech, visit our website at **www.vtechphones.com**.

Check for the compatibility list at **www.vtechphones.com/ma3222/compatibility\_list**.



Register online to get an additional 3-month warranty!

Visit **www.vtechphones.com**.



**Registration**  
Register your product online for enhanced warranty support.



**Product news**  
Learn about the latest VTech products.

Important safety instructions

When using this product, 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 any power source before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. This product is for indoor use only.
5. 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.
6. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
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. Never push objects of any kind into this product through the slots in speaker because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
9. 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 speaker 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.

10. Unplug this product from the power source 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 damaged.
  - If the product exhibits a distinct change in performance.
11. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
12. The equipment is to be supplied from an identified USB port complying with the requirements of Limited Power Source.

SAVE THESE INSTRUCTIONS

**CAUTION:** To reduce the risk of fire or injury to persons or damage to the product, read and follow these instructions carefully:

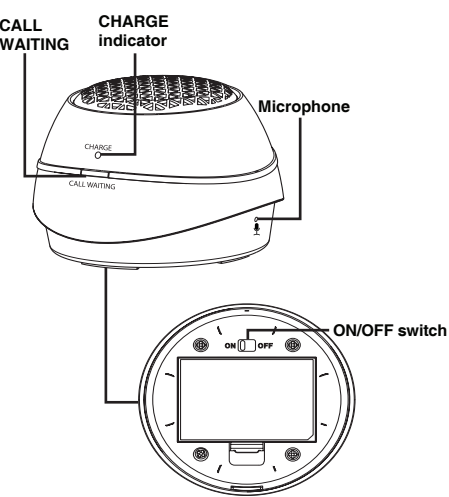
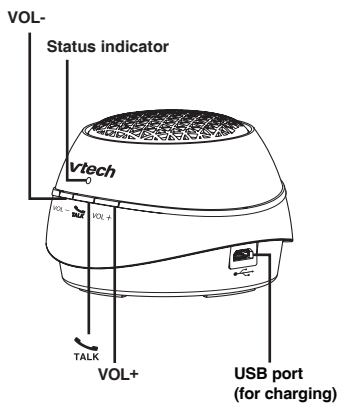
- Use only the provided nickel-metal hydride rechargeable battery pack. Replace only with the correct type of batteries.
- Dispose of used batteries according to the instructions in this user’s manual.
- This product contains nickel-metal hydride rechargeable battery pack. Exercise care in handling batteries in order not to create a short circuit with conductive material such as rings, bracelets and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the metallic contacts.
- 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.
- Do not disassemble the product. There are no user-serviceable parts inside. Refer to qualified service personnel for servicing.

Parts checklist

Your product package contains the following items. Save your sales receipt and original packaging in case it is necessary to ship this product for warranty service.

- Speaker with rechargeable battery pack installed
- USB cable
- User’s manual

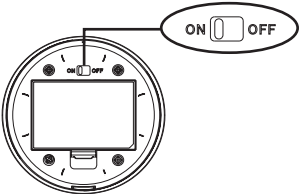
Overview



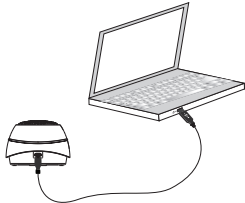
Charge battery

When first purchased, the rechargeable battery pack is installed. You may follow the steps below for charging.

1. The speaker must be turned on for charging.



2. Connect the speaker to a USB charging port, using the provided USB cable. You will hear a short beep. The **CHARGE** indicator turns on steady blue while charging. The battery is fully charged after 8 hours of continuous charging. When the speaker is fully charged, the **CHARGE** indicator turns off.



**note** You will hear two beeps in talking mode if battery is low.

Search for device

When you switch on the speaker, the status indicator turns on violet for 3 seconds and then flashes to search for any paired or registered device.

You may stop device search for initial installation by pressing **TALK**.

Once the speaker found a device, the status indicator turns on as below:

LED behavior	Description
Turns on steady blue for 3 seconds	Paired Bluetooth device is found and re-connected
Turns on steady red for 3 seconds	Registered DECT device is found and re-connected

LED behavior	Description
Turns on steady violet for 3 seconds	Both Bluetooth and DECT devices are found and re-connected
Alternate red and blue	No device is found and re-connected

**note** If you would like to stop the ten seconds device search and go to the registration mode, you can **press and hold** **TALK** to pair with Bluetooth device. Alternatively, you can **press and hold** **Vol+** and **Vol-** together to register to DECT device.

Pair to a Bluetooth device

Bluetooth wireless technology operates within a short range (a maximum of approximately 30 feet). Make sure there are no big physical obstacles between the **MA3222** and the paired Bluetooth devices.

Once a Bluetooth enabled device is successfully paired, you do not need to repeat the pairing procedure again unless you want to replace it with a new device.

Only two paired devices can be connected at a time.

1. Switch on the speaker.
2. Turn on the Bluetooth feature on your Bluetooth device to search for the **MA3222**.
3. **Press and hold** **TALK** until the status indicator flashes violet.
4. Once your Bluetooth device finds **VTECH-MA3222**, press the appropriate key to confirm. You may be prompted to enter the PIN. The default PIN is **0000**. When the **MA3222** successfully pairs to your Bluetooth enabled device, the status indicator turns steady blue for 3 seconds. You will hear a long confirmation beep.

**To pair the MA3222 to another Bluetooth enabled device:**

1. Switch off other paired devices.
2. Follow Step 1 through Step 4 above to pair the new device.
3. Switch on the devices that are switched off in Step 1. The **MA3222** will automatically connect to the last two connected devices.

**To connect to two Bluetooth enabled devices at the same time:**

1. When the first Bluetooth enabled device is connected, turn on another paired Bluetooth device.
2. Select to connect with **MA3222** using the second Bluetooth enabled device.

**note**

- If the pairing process fails, switch off the speaker and try again.
- Whenever the **MA3222** is switched on, it will automatically connect to the last connected device.

Register to a DECT 6.0 telephone

**note** The registration and deregistration method may vary for different DECT phones. If this is the case, see the user’s manual of your DECT phone on how to register and deregister the **MA3222** to your DECT phone.

**To register:**

1. Switch on the speaker.
2. Press and hold **VOL+** and **VOL-** simultaneously until the status indicator flashes red.
3. **Press and hold** **FIND HANDSET/ FIND HS/PAGE/HOLD** (whichever is applicable) on your DECT telephone until the **IN USE** light turns on.
4. You hear a long confirmation beep from the speaker and the status indicator turns steady red for 3 seconds when the registration process completes.

**To deregister:**

1. Press and hold **FIND HANDSET/ FIND HS/PAGE/HOLD** (whichever is applicable) on your DECT telephone until the **IN USE** light flashes.
2. Immediately press the same key again.
3. Switch off the speaker and switch it back on. The status indicator flashes red and blue 4 times if there is no paired device.

**note** When the deregistration process completes, all devices will be deregistered. Follow the instructions on the user’s manual of your DECT phone to register the handset(s) back to your DECT phone.

LED indicators

Status indicator

After you have paired up and registered your devices, which can be Bluetooth, DECT, or both, the status indicator will behave as following:

**Registered with Bluetooth device**

The status indicator will operate in blue.

LED behavior	Description
Turns on steady for 3 seconds	Successful registration
Flashes every 8 seconds	Connected and ready to use
Flashes	Incoming call
Turns on steady	In use
Flashes slowly	On mute
Flashes red and blue 4 times	Registration failed

**Registered with DECT device**

The status indicator will operate in red.

LED behavior	Description
Turns on steady for 3 seconds	Successful registration
Flashes every 8 seconds	Connected and ready to use
Flashes	Incoming call
Turns on steady	In use
Flashes slowly	On mute
Flashes red and blue 4 times	Registration failed

**Registered with Bluetooth and DECT devices**

The status indicator will operate in violet.

LED behavior	Description
Turns on steady for 3 seconds	Successful registration

LED behavior	Description
Flashes every 8 seconds	Connected and ready to use
Turns on steady	Three-way conversation in use
Flashes slowly	Three-way conversation on mute
Flashes red and blue 4 times	Both Bluetooth and DECT devices are not registered

CHARGE indicator

LED behavior	Description
Turns on steady blue	Charging battery
Flashes blue quickly	Low battery

Operation

Make a Bluetooth call

- Use your connected Bluetooth enabled cell phone to make a call.

Answer a Bluetooth call

- When there is an incoming Bluetooth call, press **TALK**.

End a Bluetooth call

- Press **TALK** or use your cell phone to end the call.

Make a DECT call

- Use your DECT phone to make a call.
- Press **TALK** on the **MA3222**, then press **OFF** or place the handset in the telephone base on your DECT phone to exit the call.

Answer a DECT call

- When there is an incoming DECT call, press **TALK**.

End a DECT call

- Press **TALK**.

Switch between calls

In Bluetooth mode, you will hear call waiting tone when:

- there is an incoming Bluetooth call. Press **CALL WAITING** to hold the first call and answer another call. You need to use the Bluetooth enabled device to resume.
- there is an incoming DECT call. Press and hold **CALL WAITING** to hold the first call and answer another call. Press and hold **CALL WAITING** to resume.

In DECT mode, you will hear call waiting tone when:

- there is an incoming DECT call. Press **CALL WAITING** to hold the first call and answer another call. Press **CALL WAITING** to resume.
- there is an incoming Bluetooth call. Press and hold **CALL WAITING** to hold the first call and answer another call. Press and hold **CALL WAITING** to resume.



### Three-way conversation

- When you have established both Bluetooth and DECT calls at the same time, **press and hold VOL+** on the speaker to set up a three-way conversation. You hear a two short beeps successively.

- During a three-way conversation, **press and hold VOL+** to end Bluetooth line and DECT call remains. The call ends when both lines are dropped.

**note**

VOL+/VOL- can only adjust the volume of DECT call but not the volume of Bluetooth call in three-way conversation.

### Control volume

Press **VOL+** or **VOL-** to adjust the ringer and voice call volume.

### Mute

The mute function allows you to hear the other party but the other party cannot hear you.

- Press and hold VOL-** to mute the microphone during a call. You will hear a short confirmation tone.
- Press and hold VOL-** to resume. You will hear a short confirmation tone.

### Music playback

Pair your **MA3222** with your Bluetooth device to listen to music.

Press **VOL+** or **VOL-** to adjust the listening volume.

**note**

You can further increase the music volume with your cell phone.

When there is an incoming call, the music playback stops. Press **📞** to answer the call. The music playback resumes after the call ends.

## Replace battery

If you want to replace the battery:

- Push the tab at the bottom of the speaker and lift upwards to open the battery compartment cover.

**note**

Do not try to detach the cover from the speaker. It is not detachable.

- Pull the ribbon on the rechargeable battery pack to uninstall it.

- Install the rechargeable battery pack again, with the label **THIS SIDE UP** facing up and correct polarity.

- Place the ribbon properly and close the compartment cover.

**note**

Use only the rechargeable battery pack provided or equivalent.

## Troubleshooting

If you have difficulty with this product, try the suggestions below. For customer service, visit our website at **www.vtechphones.com** or call **1 (800) 595-9511**.

**The MA3222 does not work at all.**

- Make sure you install the provided battery.
- Make sure the USB cable is securely plugged into the USB port for charging.
- Turn off the speaker. Unplug the USB cable. Take out the battery. Wait for approximately one minute, then reinstall the battery. Plug back the USB cable and then turn on the speaker.
- It may be necessary to purchase new battery.

**I cannot receive Bluetooth calls nor listen to music from the speaker.**

- Try all the suggestions above.
- Make sure you have switched on the speaker.
- Make sure the speaker is near your Bluetooth device. For optimal performance, keep the speaker within 15 feet of your Bluetooth device.
- Make sure you have paired the speaker to your Bluetooth device.
- Make sure there are no physical obstacles between the connected Bluetooth device and the speaker.

**Common cure for electronic equipment.**

- Disconnect the power to the speaker.
- Remove the battery from the speaker.
- Wait a few minutes.
- Install the battery again and connect power to the speaker.

## Energy-saving charging mode

Follow the instructions to install and charge the battery (see **Battery installation and charging** on the previous page). The energy-saving charging mode is activated while charging.

Even if the **MA3222** is paired and connected to a DECT phone and/or a Bluetooth device, the energy-saving charging mode is activated while the **MA3222** is not in use and charging.

## General product care

To keep this product working well and looking good, follow these guidelines:

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose it to direct sunlight or moisture.
- Avoid dropping the product or treating it roughly.
- Clean with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this can damage the finish.
- Retain the original packaging in case you need to ship it at a later date.

## The RBRC® seal

The RBRC® seal on the nickel-metal hydride battery pack indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-metal hydride batteries into the trash or municipal waste, which may be illegal in your area.

VTech’s participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1 (800) 8 BATTERY™** for information on Ni-MH batteries recycling and disposal bans/restrictions in your area. VTech’s involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

**RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.**



## Limited warranty

**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:

- 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
- Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
- Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
- Product to the extent that the problem is caused by use with non-VTech accessories; or
- Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
- 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
- Product returned without a valid proof of purchase (see item 2 below); or
- Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

**How do you get warranty service?**

To obtain warranty service in the USA, please visit our website at **www.vtechphones.com** or call **1 (800) 595-9511**.

**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?**

- 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
- Include a “valid proof of purchase” (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
- 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.**

## FCC regulations

**FCC Part 15**

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 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 speaker shall be installed and used such that parts of the user’s body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	DECT: 1921.536 MHz - 1928.448 MHz Bluetooth Class 2: 2402 MHz - 2480 MHz
Channels	DECT: 5 Bluetooth: 79
Nominal effective range	Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	SANIK AAA Ni-MH rechargeable battery pack 3.6V 400mAh

The *Bluetooth®* word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by VTech Holdings Limited is under license. VTech Holdings Limited is a member of Bluetooth SIG, Inc. Other trademarks and trade names are those of their respective owners.

VTECH TELECOMMUNICATIONS LTD.  
A member of THE VTECH GROUP OF COMPANIES.  
Distributed in the U.S.A. by VTech Communications, Inc., Beaverton, Oregon 97008.  
Distributed in Canada by VTech Technologies Canada Ltd., Richmond, B.C. V6W 1L5.  
VTech is the registered trademark of VTech Holdings Limited.

Copyright © 2013 for VTECH TELECOMMUNICATIONS LTD.  
All rights reserved. Printed in China.  
Version 1 08/13.