



## User's manual VM310/VM310-13

## Accessory baby unit for use with VTech model VM311/VM311-13/VM311-2/ VM311-23



### Congratulations

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

This manual has instructions on how to set up and pair your new baby unit. For complete instructions on using the baby unit, see the user's manual that came with your video and audio monitor.

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**Register online to get an additional 3-month warranty!**

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#### Registration

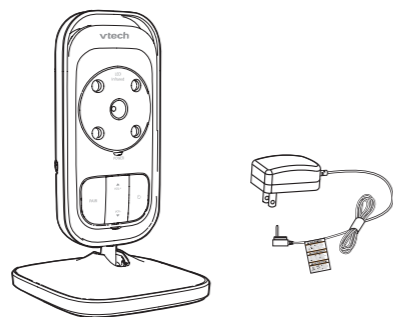
Register your product online for enhanced warranty support.



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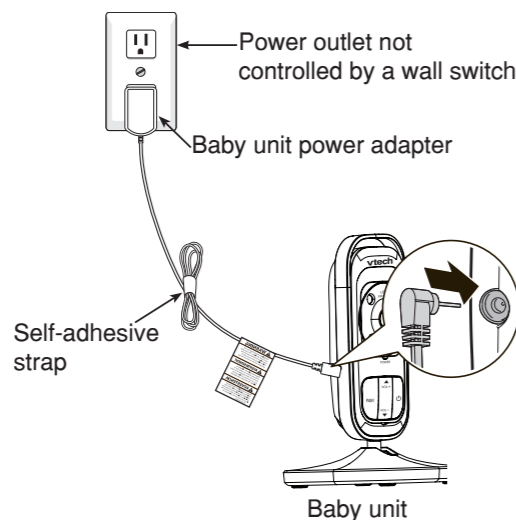
## Part checklist



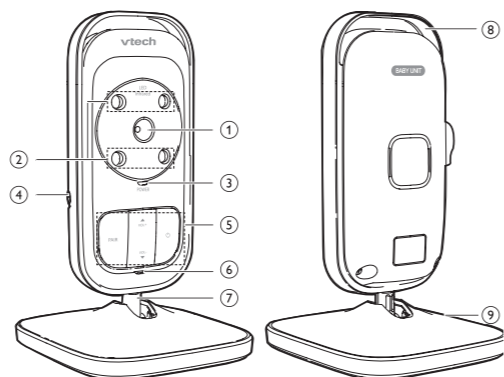
## Connect the baby unit

### note

- Use only the baby unit power adapter supplied with this product.
- The baby unit power adapter is intended to be correctly oriented in a vertical or floor mount position. The prong are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
- Make sure the baby unit and the power adapter cord are out of reach of children.



## Overview



|   |                                                                                                                                                                                                                                                                                                                       |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Camera</b>                                                                                                                                                                                                                                                                                                         |
| 2 | <b>Infrared LEDs</b><br>Backup light for night vision.                                                                                                                                                                                                                                                                |
| 3 | <b>POWER on/off indicator</b> <ul style="list-style-type: none"> <li>On when the baby unit is powered on and currently linked to parent unit.</li> <li>Flashes when the baby unit is not linked to a parent unit; or the pairing process is in progress; or the parent unit is not viewing this baby unit.</li> </ul> |
| 4 | <b>Power jack</b>                                                                                                                                                                                                                                                                                                     |
| 5 | <b>Control key panel</b><br>▲/VOL+<br>Press to increase the listening volume.<br>▼/VOL-<br>Press to decrease the listening volume.<br><b>PAIR</b><br>Press and hold to pair to the parent unit.<br><b>⏻ (On/Off)</b><br>Press and hold to turn on or off.                                                             |
| 6 | <b>Microphone</b>                                                                                                                                                                                                                                                                                                     |
| 7 | <b>Stand</b><br>Tilt to adjust the camera angle.                                                                                                                                                                                                                                                                      |
| 8 | <b>Rim</b>                                                                                                                                                                                                                                                                                                            |
| 9 | <b>Base</b>                                                                                                                                                                                                                                                                                                           |

## Before use

### Pair and replace extra new baby unit

Each newly purchased baby units (**VM310/VM310-13**) must be paired to your video and audio monitor system (**VM311/VM311-13/VM311-2/VM311-23**).

### note

- You can pair a maximum of four baby units to your parent unit. Each new baby unit must be paired to the parent unit before use.
- Make sure you power on the parent unit before pairing.

### To pair and replace a baby unit:

- Press **MENU/SELECT** when the parent unit is not in use.
- Press ▼ or ▲ to choose
- Press ◀ or ▶ to choose a desired baby unit slot, then press **MENU/SELECT**. The screen displays

### note

If you choose an occupied baby unit slot, the new baby unit will replace the existing baby unit.

- Press and hold on the new baby unit until the **POWER** light flashes. Then immediately press and hold **PAIR** until the **POWER** light turns on.

When pairing is successful, the screen displays , and then the image from the newly paired baby unit.

### note

- If pairing fails, the screen displays . Try the pairing process again.
- Only one baby unit can be paired at a time.

### To unpair a baby unit:

### note

Make sure you power on the baby unit and the parent unit before unpairing the baby unit.

- Press **MENU/SELECT** when the parent unit is not in use.
- Press ▼ or ▲ to scroll to
- Press ◀ or ▶ to select the desired baby unit (1, 2, 3 or 4).
- Press and hold **TALK** until and display.
- Press ◀ or ▶ to select to cancel, or to confirm the unpair process.
- Press **MENU/SELECT** to confirm your selection.

When unpairing is successful, the **POWER** light on the selected baby unit flashes. The parent unit displays for a while, and then the image from the baby unit previously viewing.

## Positioning the baby monitor

Place the parent unit within the operating range of the baby unit. We recommend the parent unit is at least 3 feet away from the baby unit to avoid audio feedback. If you still experience audio feedback, move the parent unit and the baby unit farther apart.

### note

For better image quality, do not place the baby unit too far away from your baby.



For desktop usage and/or wall mounting the baby unit, you can refer to **Installation guide**.

## Operating range

The operating range of the baby monitor is up to 1,000 feet outdoors or 150 feet indoors. The actual operating range may vary depending on the environmental conditions and other interferences such as walls, doors and other obstructions.

## 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.
- DO NOT immerse the baby unit in water and do not clean them under the tap.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the baby unit is dry before you connect them to the mains again.

## Important safety instructions

When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

- Follow all warnings and instructions marked on the product.
- Adult setup is required.
- This product is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.
- This product is not intended for use as a medical monitor.

- Do not use this product near water. For example, do not use it next to a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
- Use only the adapter included with this product. Incorrect adapter polarity or voltage can seriously damage the product. Baby unit power adapter: Input 100-240V AC 150mA 50/60Hz; Output: 6V DC 600mA.

- The power adapter 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.

- Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- Do not cut off the power adapter to replace it with other plug, as this causes a hazardous situation.
- Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.

- 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, consult your dealer or local power company.

- Do not overload wall outlets or use an extension cord.
- Do not place this product on an unstable table, shelf, stand or other unstable surfaces.

- This product should not be placed in any area where proper ventilation is not provided. Slots and openings in the back or bottom of this product 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.

- Never push objects of any kind into this product through the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.

- 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 product 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.

- You should test the sound reception every time you turn on the units or move one of the components.
- Periodically examine all components for damage.
- Be aware of possible loss of privacy while using public airwaves. Conversations may be picked up by other nursery monitors, cordless phones, scanners, etc.

- Children should be supervised to ensure that they do not play with the product.
- The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

### SAVE THESE INSTRUCTIONS

### Cautions

- Use and store the product at a temperature between 32°F and 104°F.
- Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
- Make sure the baby unit(s) and the adapter cord(s) are always out of reach of the baby, at least 3 feet away from the baby or crib, to avoid a possible strangulation hazard.
- Never place the baby unit(s) inside the baby's crib or playpen. Never cover the baby unit(s) with anything such as a towel or a blanket.
- Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.

### Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless devices):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless devices and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

#### Pacemaker patients

- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless devices.

#### Electromagnetic fields (EMF)

This VTech product complies with all standards regarding electromagnetic fields (EMF). If handled properly and according to the instructions in this user's manual, the product is safe to be used based on scientific evidence available today.

## FCC and IC regulations

### FCC Part 15

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 baby unit shall be installed and used such that parts of all persons' body are maintained at a distance of approximately 8 in (20 cm) or more.

This Class B digital apparatus complies with Canadian requirement:  
CAN ICES-3 (B)/NMB-3(B)

### 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 received, including interference that may cause undesired operation.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

This product meets the applicable Industry Canada technical specifications.

### RF radiation exposure statement

The baby unit complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The baby unit should be installed and operated with a minimum distance of 8 in (20 cm) between the baby unit and all persons' body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies also with Industry Canada RSS-102 with respect to Canada's Health Code 6 for Exposure of Humans to RF Fields.

## For cETL compliance only

### Mesures de sécurité importantes

Lorsque vous utilisez votre appareil, vous devriez toujours suivre certaines mesures de précaution de base afin de réduire les risques d'incendie, d'électrocution et de blessures corporelles, dont ceux qui suivent :

1. Observez toutes les instructions et mises en garde inscrites sur l'appareil.
2. L'installation par un adulte est requise.
3. Ce produit a été conçu pour être un dispositif d'appoint seulement. Il n'est pas le remplacement d'une supervision responsable et adéquate par un adulte et ne devrait pas être utilisé comme telle.
4. Ce produit n'est pas conçu pour être utilisé en tant que moniteur médical.
5. N'utilisez pas cet appareil près de l'eau ni de toute autre source d'humidité, par exemple, près d'une baignoire, cuve à lessive, évier de cuisine, dans un sous-sol humide ni près d'une piscine, dans un soussol humide ou une douche.
6. N'utilisez que les adaptateurs inclus avec ce produit. L'utilisation d'un adaptateur dont la polarité ou la tension serait inadéquate risque d'endommager sérieusement le produit et mettre votre sécurité en péril.  
Adaptateur de l'unité du bébé :  
Entrée 100-240V CA 150mA 50/60 Hz;  
Sortie : 6 V CC 600 mA
7. Lorsqu'ils sont branchés dans une prise de courant, les adaptateurs secteur ont été conçus pour être orientés correctement, soit à la verticale ou au plancher. Les broches n'ont pas été conçues pour supporter le poids du bloc d'alimentation et le maintenir en place si celui-ci est branché dans une prise au plafond, sous une table ou dans un meuble.

8. Débranchez ce produit de la prise de courant avant de procéder au nettoyage. N'utilisez pas de nettoyeurs en aérosols. Utilisez un chiffon humide pour le nettoyer.
9. Ne coupez pas les cordons d'alimentation pour remplacer les fiches, car ceci peut présenter un danger potentiel.
10. Ne laissez aucun objet reposer ni appuyer sur le cordon d'alimentation. N'installez pas cet appareil dans un endroit où l'on risque d'écraser le cordon d'alimentation ou de le piétiner.
11. Ne faites fonctionner cet appareil qu'avec le type d'alimentation indiqué sur l'étiquette. Si vous ne connaissez pas le type d'alimentation que vous possédez à votre domicile, consultez votre marchand ou votre compagnie locale d'électricité.
12. Ne surchargez pas les prises de courant murales ni les rallonges électriques.
13. Ne placez pas cet appareil sur un chariot, meuble, trépied, support de montage ni table chancelants.
14. Les trous et ouvertures du boîtier, situés à l'arrière de l'appareil ou sous celui-ci, servent à aérer l'appareil. Pour l'empêcher de surchauffer, ne bloquez sous aucun prétexte ces ouvertures et n'empêchez pas l'aération adéquate de l'appareil en le plaçant sur un lit, divan, tapis ou toute autre surface similaire. De même, ne le positionnez pas à proximité ni au-dessus d'une source de chaleur ou d'un calorifère. De plus, ne placez pas l'appareil dans un endroit avant de vous assurer qu'il y ait une bonne circulation d'air.
15. N'enfoncez jamais d'objets à travers les ouvertures de cet appareil, car ils pourraient entrer en contact avec des points de tension dangereux ou causer des courts-circuits qui peuvent dégénérer en incendies ou en risques d'électrocution. Ne renversez jamais de liquide dans ce produit.
16. Afin de réduire les risques d'électrocution, ne démontez pas cet appareil, mais apportez-le dans un centre de service autorisé. L'ouverture du boîtier ou le retrait de toutes pièces que contient cet appareil, à l'exception de l'accès autorisé à certaines portes ou ouvertures, risque de vous exposer à des points de tension dangereux ou d'autres dangers. Un remontage incorrect peut par la suite présenter des risques d'électrocution.
17. Vous devriez tester la réception chaque fois que vous mettez l'appareil en fonction.
18. Examinez les composantes afin de vérifier si celles-ci ne sont pas endommagées.
19. Soyez avisé de la perte de la confidentialité lorsque vous utilisez les ondes publiques. Les conversations peuvent être entendues par d'autres moniteurs de bébé, des téléphones sans fil, des scanneurs, etc.

20. Les enfants devraient être supervisés afin de vous assurer qu'ils ne jouent pas avec l'appareil.
21. Le produit n'est pas conçu pour être utilisé par des personnes (incluant des enfants) aux capacités physiques, sensorielles ou mentales réduites ou qui manquent d'expérience et de connaissances, à moins qu'on leur ait donné suffisamment de supervision ou d'instructions relativement à l'utilisation de l'appareil par une personne responsable de leur sécurité.

### CONSERVEZ CES INSTRUCTIONS

#### Mises en garde

1. Utilisez et entreposez le produit à une température entre 0° C (32° F) et 40° C (104° F).
2. N'exposez pas cet appareil à des froids ou des chaleurs extrêmes, ainsi qu'à la lumière directe du soleil. Ne l'installez pas près d'une source de chauffage.
3. Assurez-vous que le moniteur et le cordon de l'adaptateur sont toujours hors de portée des enfants, à au moins 1 mètre (3 pieds) de l'enfant ou du berceau, pour éviter tout risque de strangulation.
4. Ne jamais placer le moniteur à l'intérieur du berceau ou du parc de bébé. Ne jamais couvrir le moniteur ou l'unité (s) portative avec un article tel une serviette ou une couverture.
5. D'autres équipements électroniques peuvent produire des interférences sur votre moniteur vidéo et audio. Tentez d'installer votre moniteur vidéo ou audio à l'écart des appareils électroniques tels que des routeurs sans fil, radios, téléphones cellulaires, interphones, moniteurs, téléphones, ordinateurs personnels, électroménagers et téléphones sans fil.

#### Stimulateurs cardiaques implantés dans l'organisme

Les simulateurs cardiaques (ne s'applique qu'aux dispositifs numériques sans fil) :

L'organisme 'Wireless Technology Research, LLC (WTR)', une firme de recherche indépendante, a mené une évaluation pluridisciplinaire des interférences entre les téléphones sans fil portatifs et les stimulateurs cardiaques implantés dans l'organisme. Appuyée par l'Administration des aliments et drogues (FDA) des États-Unis, la firme WTR recommande aux médecins:

#### Avis aux détenteurs de stimulateurs cardiaques

- Vous devriez maintenir les dispositifs sans fil à au moins six pouces du simulateur cardiaque.
- Ils ne doivent PAS placer le téléphone sans fil directement sur le stimulateur cardiaque, tel que dans une poche de chemise, lorsque celui-ci est en marche.

L'étude effectuée par l'organisme WRS n'a pas identifié de risque pour les détenteurs de simulateurs cardiaques causés par les gens qui utilisent dispositifs sans fil à proximité de ceux-ci.

#### Champs électromagnétiques (EMF)

Ce produit de VTech est conforme à toutes les normes se rapportant aux champs électromagnétiques (EMF) standard. Si vous le manipulez correctement en suivant les instructions de ce guide, son utilisation sera sécuritaire pendant de nombreuses années, selon les meilleures évidences scientifiques dont nous disposons aujourd'hui.

## 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:

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.

#### How do you get warranty service?

**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.**

## Technical specifications

|                         |                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Frequency control       | Crystal controlled PLL synthesizer                                                                                             |
| Transmit frequency      | 2407.5 - 2475 MHz                                                                                                              |
| Channels                | 21                                                                                                                             |
| 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 requirement       | Input: 100-240V AC 150mA 50/60Hz<br>Output: 6V DC 600mA                                                                        |



Specifications are subject to change without notice.  
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