


M53

DECT handset

This device is designed for professional use. Any other use is considered unintended use. Please read these precautions and the instructions on setting up and using the product thoroughly before using the device. Save this document and do not give the device to third parties without it. Scan the QR code to access the following online document: [Short User Manual M253](#).



Safety instructions (GPSR)

- **Note:** The nameplate is located at the bottom or rear of the product.
-  **Warning:** Use only the power converter (AC/DC adapter) delivered with the device or a power supply expressly recommended by Snom.
 - Power adapter: 6 V, 450 mA
 - Manufacturer: VTPL → EU: Model VT05EEU06045 (Snom P/N: 00004739) → UK: VT05EUK06045 (Snom P/N 00004655)
 - Manufacturer: Jiangxi Jian Aohai Technology Co., Ltd. → EU: Model A318-060045W-EU1 → UK: Model A318-060045W-UKUse supplied adapter with 2.7 W in order to achieve maximum charging speed. Other power supplies may damage or even destroy the device. Power adaptors shall be installed near the equipment and shall be easily accessible.
- Avoid placing the device's cord where people may trip over it. Avoid placing the cord where it may be exposed to mechanical pressure as this may damage it. If the power supply cord or the plug is damaged, disconnect the device and contact qualified service personnel.
- Mount the device only at heights not exceeding 2 m.
- The device is for indoor installation only. **Not for outdoor installation!**
- The operational temperature is between 0 °C to +40 °C, humidity not exceeding 95 % and non-condensing.
- Do not install the device in surroundings at risk for explosions (paint shops, for example). Do not use the device if you smell gas or other potentially explosive fumes.
- Do not install the device in rooms with high humidity (for example, in bathrooms, laundry rooms, damp basements). Do not immerse the device in water and do not spill or pour liquids of any kind onto or into the device.
- If the product comes in contact with any liquids, unplug any line or power cord immediately. Do not plug the product back in until it has dried thoroughly.
- Medical devices might be adversely affected. Please consider the technical ramifications when installing the devices in a doctor's office, for example.
- **Warning:** The handset contains a magnet, and its earpiece may attract small dangerous objects such as needles or pins. Please ensure before each use that no such objects are present.

Additional safety information

- **If you have an implanted pacemaker** Do not use if you have an implanted pacemaker unless the pacemaker manufacturer's directions expressly permit the use of devices emitting pulsating radio frequency signals. Always follow the manufacturer's directions! Recommended MINIMUM distance to the device: 20 cm. Do not carry the device in a breast pocket. Use the device on the ear opposite the medical device to minimize the potential for interference. Turn the device off immediately if there is any reason to suspect that interference is taking place.
- **Implanted medical devices** Manufacturers of medical devices recommend that a minimum distance should be maintained between a wireless device and an implanted medical device, such as pacemakers or cardioverter defibrillators, to avoid potential interference with the medical device. Persons who have such devices should:
 - Always keep the wireless device more than 20 cm from the medical device when the wireless device is turned on.
 - Do not carry the device in a breast pocket.
 - Use the device on the ear opposite the medical device to minimize the potential for interference.
 - Turn the wireless device off immediately if there is any reason to suspect that interference is taking place.
 - Read and follow the directions of the medical device's manufacturer.If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.
- **Other health risks** Do not hold the loudspeaker at the back of the handset against your ear when the phone is ringing or when speakerphone is switched on. **Danger of serious, irreversible damage to your hearing!**
- **Operating environment** Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.
- **Medical devices** Operation of any equipment emitting radio frequency signals may interfere with the functionality of inadequately shielded medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external radio frequency (RF) energy or if you have any other questions concerning this topic. Switch off your device in health care facilities when signs posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- **Small children** Your device and its enhancements may contain small parts. Keep them out of the reach of small children.
- **If you are wearing a hearing aid** Please note that the device may cause an annoying background noise.
- **SELV (Safety Extra Low Voltage) Compliance** Safety status of input/output connections comply with SELV requirements.

- **Potentially explosive environments** Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas, and areas where the air contains chemicals or particles such as grain dust or metal powders.
- **Sensitive Electronic Equipment** The current state of research concludes that operational DECT devices normally do not adversely affect electronic equipment. Nevertheless, you should take some precautions if you want to operate DECT devices in the immediate vicinity of such equipment like sensitive laboratory equipment. Always keep a minimum distance of 10 cm to the equipment even when the devices is in standby.
- **Electrical Surges** We recommend the installment of an AC surge arrester in the AC outlet to which this device is connected to avoid damage to the equipment caused by local strikes of lightning or other electrical surges.
- **RF Exposure Statement: Caution:** To maintain the compliance with the RF exposure requirement, the DECT base shall be installed and used such that parts of user's body other than hands are maintained at a distance of 20 cm or more.
- **Privacy of cordless telephone calls** Wireless telephone calls are transmitted by radio waves, so there is a possibility that your conversations could be intercepted by radio receiving equipment within range. For this reason, you should not think of wireless conversations as being as private as those on corded telephones.
- **Potential TV interference** Some wireless devices operate at frequencies that may cause interference to TVs and VCRs. To minimize or prevent such interference, do not place the device near or on top of a TV or VCR. If interference is experienced, moving the wireless device farther away from the TV or VCR will often reduce or eliminate the interference.

Important Battery Information



Warning: This product uses a rechargeable Nickel–metal hydride battery. Only use the battery that came with the device. Do not use any other type of battery since this may lead to leakage, fire, explosion, or other dangerous situations.

Electrical specifications	Manufacturer	Model
AAA-NiMH, 1.2 V, 850 mAh	<ul style="list-style-type: none"> GPI INTERNATIONAL LTD. YIYANG CORUN BATTERY CO. LTD. SHENZHEN HIGHPOWER TECHNOLOGY CO. LTD. 	<ul style="list-style-type: none"> VTRHCH83C123 / C109 Ni-MH AAA850 HFR-AAA850

- Avoid using the battery when it has been exposed to extremely high or low temperatures during use, storage, or transportation.
- Avoid using the battery in extremely low air pressure at high altitudes.
- Leaving the battery in an environment with extremely high temperatures and/or extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.
- Never disassemble, alter, or short-circuit batteries or use them for purposes other than the intended one.

Charging and Discharging, Storage

- **Caution:** To prevent risk of explosion, replace with the correct battery type.
- The full performance of a new battery is achieved only after two or three complete charge and discharge cycles.
- The battery can be charged and discharged hundreds of times, but it will eventually wear out.
- If left unused, a fully charged battery will lose its charge over time.
- Use the battery only for its intended purpose. Do not use a damaged charger or battery. Using a damaged battery may cause it to explode.
- Do not place or store the battery, inside or outside the handset, in the immediate vicinity of open fire or other heat sources.
- Leaving the battery in hot or cold places will reduce its capacity and lifetime. Charge batteries within an ambient temperature range of 0 °C to 40 °C. A device with a hot or cold battery may not work temporarily, even when the battery is fully charged.
- Avoid overcharging. Repeated overcharging can lead to deterioration in battery performance.
- Never attempt charging the battery with reversed polarity as this may cause the gas pressure inside the battery to rise and lead to leakages.
- Remove battery if storing device for more than 1 month.
- Store battery in a cool, dry place without corrosive gases.

Technical specifications

DECT

- Frequency range
 - Europe: 1,881.792 - 1,897.344 MHz
- RF transmission power
 - Europe: < 24 dBm

Scan the QR code to access the following online document: [data sheet M53](#). There you will find a complete overview of all technical data.



Standards conformance

CE This device complies with the essential health, safety, and environmental requirements of all relevant European directives. This device complies with the Radio Equipment Regulations 2017 and the essential health, safety, and environmental requirements of all relevant UK legislation.

Unauthorised opening, changing, or modifying the device will cause the warranty to lapse and may result in the loss of conformity. [You can download the declaration of conformity at https://www.snom.com/conformity.](https://www.snom.com/conformity)

Disposal



Charging cradle | Headset | Power adapter: This device is subject to European Directive 2012/19/EU and may not be disposed of with general household garbage. If you do not know where to dispose the device at the end of its lifespan, contact your municipality, local waste management provider, or vendor.



Battery: The battery provided with this product is subject to European Directive 2006/66/EC and may not be disposed of with general household garbage. If you do not know where you may dispose of the battery at the end of its lifespan, contact your municipality, your local waste management provider, or your seller.

Disposal of electrical and electronic products in countries outside the European Union should be done in line with local regulations. Please contact local authorities for further information.

Cleaning

Use an anti-static cloth. Please avoid water and liquid or solid cleaning products as they might damage the surface or internal electronics of the product.

Further information

In case of malfunction, contact authorised service personnel, your seller, or Snom. Click on the text or scan the corresponding QR code to access the respective online resource **Snom Service Hub M53**



Manufacturer: [VTech Telecommunications Ltd.](#) 23/F, Tai Ping Industrial Centre, Block 1, 57 Ting Kok Road, Tai Po, Hong Kong

Contacting Snom Support → <https://www.snom.com/support>

Company locations → <https://www.snom.com/contact>

Warranty information → <https://www.snom.com/warranty>

Disclaimer

Snom, the names of Snom products, and Snom logos are trademarks owned by Snom Technology GmbH. All product specifications are subject to change without notification. Snom Technology GmbH reserves the right to revise and change this document at any time, without being obliged to announce such revisions or changes beforehand or after the fact. Although due care has been taken in the compilation and presentation of the information in this document, the data upon which it is based may have changed in the meantime. Snom therefore disclaims all warranties and liability for the accurateness, completeness, and currentness of the information published, except in the case of intention or gross negligence on the part of Snom or where liability arises due to binding legal provisions.