

Instruction Manual

HEATING TENS/EMS

Model: FT-810

V 0.44

Revision record				
Date	Doc. No.	Version	Contents of revision	Reason
2021/11/12	IFUT-FT-810-002	0.1		New release
2021/11/30	IFUT-FT-810-002	0.2	Remote controller Function	Revised the function
2021/11/30	IFUT-FT-810-002	0.21	Shelf Life and manufacturer website	Revised information
2021/12/8	IFUT-FT-810-002	0.3	Modify model Name, NCC warring	Revised model name and warring for NCC requirement
2021/01/03	IFUT-FT-810-002	0.4	<ul style="list-style-type: none"> -Remove Remote controller -Modify Warring for wireless -Rename Model name, -Modify manufacture address 	<ul style="list-style-type: none"> -Update the latest configuration -Revised warring for wireless requirement -Rename Model name - Modify manufacture address
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Read this instruction manual carefully and keep it for later use; be sure to make it accessible to other users and observe the information it contains.

Signs and symbols

The following symbols appear in this instruction manual and on the device.

	Read the instruction manual
	WARNING Warning notice indicating a risk of injury or damage to health
	Do not use if you have implanted electrical devices (e.g. pacemaker)
	Do not use near the heart
	ADVERSE REACTIONS Indicates a response to the product which is noxious and unintended
	IMPORTANT Indicates a potential hazardous situation which, if not avoided, may result in minor or moderate injury to the user or product
	Note Important information to note
	Disposal in accordance with the EC Directive on Waste Electrical and Electronic Equipment (WEEE)
	Manufacturer
	Serial number
	Applied part, type BF
	Degree of protection against electric shock, Class II
Operating 	Permissible operating temperature and humidity
Storage / Transport 	Permissible storage and transport temperature and humidity
IP22	Protected against ingress of soiled foreign objects greater than 12.5 mm in diameter. Protected against drops of water falling at up to 15° from vertical.
	Expiry date
	Dispose of packaging in an environmentally friendly manner

	This device can emit effective output values above 10 mA, average over every 5-second interval
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1. Device description

The FT-810 is a self-adhesive TENS device with 15 adjustable intensity level for pain relief. Moreover, it also provides a heat function which can be used in conjunction with the TENS function. TENS, Transcutaneous Electrical Nerve Stimulation, refers to the electrical stimulation of nerves through the skin which is an effective non-pharmacological method of pain relief. It has no side-effects if administered correctly, and can be used for self-treatment. Any symptoms that could be relieved using TENS must be checked by your general practitioner who will also give you instruction on how to carry out a TENS self-treatment regime.

TENS device works by passing electrical currents over the skin via a set of gel pads. As a transfer medium, the gel pads are subject to natural wear and tear and must be replaced when they stop providing sufficient contact or the main device no longer sticks to the skin completely. Failure to replace the gel pad may lead to skin irritation as a result of heightened current density in particular areas.

2. Intended use

This device is designed to be used for temporary relief of pain associated with sore and aching muscles in the shoulder, waist, back, upper extremities (arm) and lower extremities (leg) due to strain from exercise or normal household work activities. In addition, it also provides a heat function intended to temporarily relieve of minor aches and pains.

3. Included in delivery

- 1 x FT-810 main unit
- 2 x self-adhesive gel pads (61 mm x 89 mm)
- 1 x USB-C charging cable (for charging only)
- 1 x Adaptor
- 1 x Storage board
- This instruction manual

4. WARNING



- To avoid damage to health, do not use this device in the following circumstances:

- If you have implanted electrical devices (e.g. pacemaker).
- If you have metal implants such as copper coils.
- If you use an insulin pump.
- If you have a high fever (e.g. >39°C)
- If you have a known or acute cardiac arrhythmia or disorders of the heart's impulse and conduction system.
- If you suffer from a seizure disorder (e.g. epilepsy).
- If you are pregnant.
- If you have cancer.
- After an operation, if strong muscle contractions could affect the healing process.
- Near the heart. This device must not be placed on any part of the front ribcage (where the ribs and breastbone are located), and especially not on the two large pectorals, as this can increase the risk of ventricular fibrillation and include cardiac arrest.
- On the skeletal skull structure, or around the mouth, throat or larynx.
- In the neck/carotid artery area.
- In the genital area.
- On acutely or chronically diseased (injured or irritated) skin (e.g. inflamed skin – whether painful or not, reddened skin, rashes, e.g. allergies, burns, bruises, swellings, both open and healing wounds, and post-operative scars where the healing process could be affected).
- In humid environments (e.g. in the bathroom) or when bathing or showering.
- After consuming alcohol.
- If you are connected to a high-frequency surgical device.
- In cases of acute or chronic disease of the gastrointestinal tract.
- Before using this device, consult your doctor if any of the following apply to you:
 - Serious illness, in particular if you suspect or have been diagnosed with high blood pressure, a blood coagulation disorder, propensity to thromboembolic conditions or in the case of malignant neoplasms.
 - Skin diseases or open wounds.
 - Unexplained chronic pain in any part of the body.
 - Diabetes.
 - Any sensory impairment that reduces the feeling of pain (e.g. metabolic disorders).
 - If you are receiving medical treatment.
 - In the event of complaints linked to the stimulation treatment.
 - If you suffer from persistently irritated skin due to long-term stimulation



at the same application site.

- Keep this device away from children to prevent potential hazards.
- If the device does not work properly, or you feel unwell or experience pain, stop using it immediately.
- Switch off the device before attaching or removing it.
- Do not modify this device in any way (e.g. by cutting it), as this will produce a higher current density and may be dangerous.
- During the initial few minutes, use the device while sitting or lying down, to minimize the risk of accidental injuries arising from vagal responses (feeling of faintness) that have been infrequently reported as a side effect. If you feel faint, switch off the device immediately, lie down and support the legs in an elevated position (approx. 5-10 minutes).
- Do not use this device whilst asleep, driving a vehicle or operating machinery.
- Do not use this device whilst undertaking any activity where an unexpected reaction (e.g. strong muscle contractions even at low intensity) could be dangerous.
- Do not use this device whilst using other devices that transmit electrical impulses to your body.
- The actual temperature of the device may vary depending on the condition of your skin, your age, the location of the pain, etc.
- If the heat function feels too hot, stop treatment immediately. You can continue the TENS treatment without the heat function.
- Wait at least one hour after eating before starting treatment with this device.
- Do not use this device on wet skin as this impairs the adhesion of the gel pads.
- Ensure that no metallic objects (e.g. belt buckles or necklaces) come into contact with the electrodes during stimulation. If you are wearing jewelry or have piercings in the area to be treated (e.g. a navel piercing), these must be removed before using the device; failure to do this could result in spot burns.
- Pre-treating the skin with greasy creams or lotions is not recommended.
- Do not use adhesive tapes, bandages or any medium other than the gel pads provided to adhere the device to your skin, as the uneven adhesion of the gel pads could lead to lesions.
- Not on handling battery:
 - If a battery has leaked, put on protective glove to handle the device.
 - If your skin or eyes come into contact with fluid from a battery cell, flush out the affected area with water and seek medical assistance.
 - Protect the device from excessive heat.

- Risk of explosion! Never throw this device into a fire.
- Do not disassemble, split or crush this device.
- Only use chargers specified in this Instruction Manual.
- Battery must be charged correctly prior to use. The instructions from the manufacturer, and the specifications in this Instruction Manual regarding correct charging must be observed at all times.
- Fully charge the device prior to initial use.
- In order to achieve as long a battery service life as possible, fully charge the battery at least every 6 months.

5. ADVERSE REACTIONS



- Patients may experience skin irritation and burns beneath the stimulation electrodes applied to the skin.
- Patients may experience headache and other painful sensations during or following use.
- Patients should stop using the device and should consult with their physicians if they experience adverse reactions from the device.

6. IMPORTANT

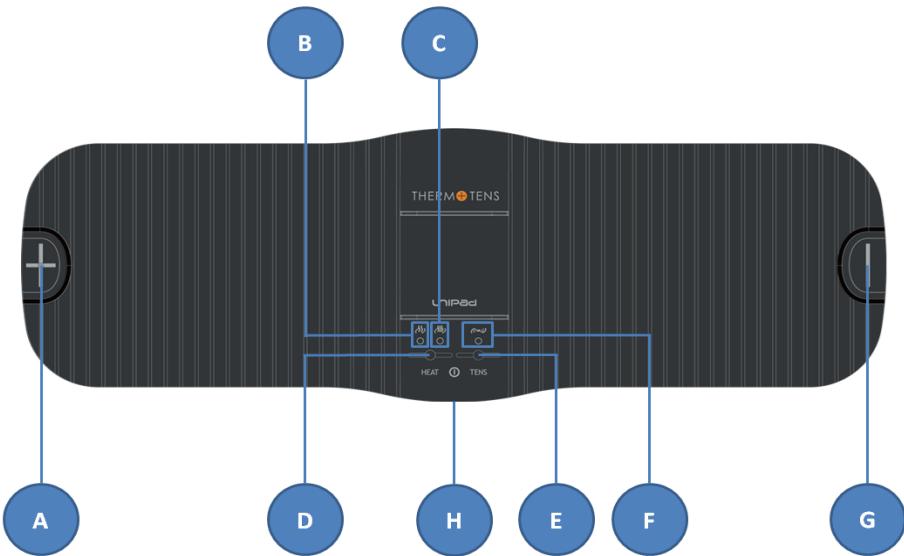


- This device is not a substitute for medical consultation and treatment. Consult your doctor first if you are experiencing any pain or suffering from an illness.
- Only use this device:
 - On people
 - For the intended purpose and as specified in this instruction manual. Improper use can be dangerous.
 - For external use
 - With the original accessories supplied which can be re-ordered.
- Never direct contact the electrode area or apply the electrode to any part of the body. This product must be used in conjunction with a set of self-adhesive electrode gel pad. Please follow the steps in Chapter 8 to install the gel pads to the electrode area before use.
- Always check the site of stimulation when using TENS function with the heat function simultaneously to avoid being insensitive to pain result from overheating.
- This product is intended for single user only.

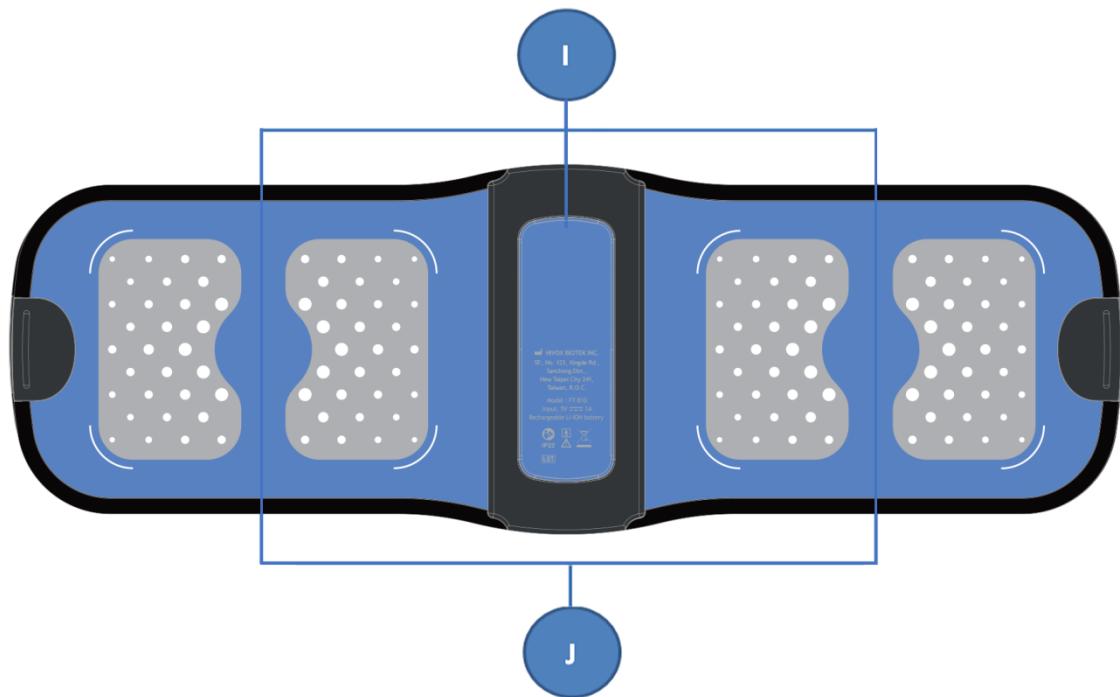
- Protect the device from strong impact.
- Do not use this device if it shows signs of damage or does not function properly. In suchcases, contact customer services.
- Do not expose this device to direct sunlight or high temperatures.
- Protect this device from dust, dirt and humidity. Never immerse the device in water or otherliquids.
- Do not use the device by or in the vicinity of other heating devices, heating elements such asdryers or ovens, and do not use it in the vicinity (~1 m) of shortwave or microwave devices (e.g. mobile phones), as doing so can result in unpleasant current peaks.
- If the device is damaged or you have doubts, do not use it and contact your retailer or customer services at the address provided.
- Switch the device off immediately if it is faulty or not working properly.
- Never attempt to open and/or repair the device yourself.
- Repairs may only be carried out by customer services or authorized retailers.

7. Device description

FT-810 Top View



FT-810 Bottom View



- A) Increase intensity button
- B) Low heat function indicator
- C) High heat function indicator
- D) Heat function button
- E) TENS function button
- F) TENS function indicator /Battery level indicator
- G) Decrease intensity button
- H) USB Type C Port
- I) Heating surface
- J) Left/Right electrode

8. Initial use

8.1 Charging the device

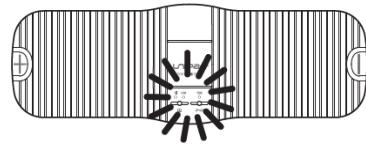
Note

Before using this device for the first time, let it charge for a minimum of 2 hours. How to do this:

- (1) Connect the USB Type C charging cable provided to the adapter and the device.



- (2) Then insert the mains adapter into a suitable socket.
- (3) Alternatively, you can charge this device through your computer/laptop. To do so, connect the device to a USB port on your computer/laptop using the USB charging cable.
- (4) Whilst charging, the battery level indicator flashes green. As soon as the device has been completely charged, the battery level indicator will be continuously illuminated in green.

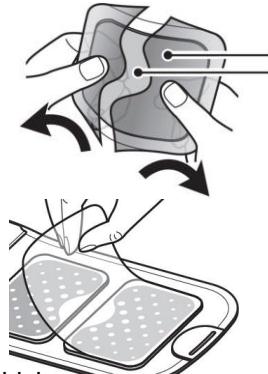


(i) Note

- You cannot use this device while it is being charged.
- Use this product only with the genuine charging cable and adaptor which is come with the product.

8.2 Attaching the gel pads

- (1) Remove one of the protective films with care.
- (2) Attach the gel pads to the electrode area and ensure that the edge of the gel pad does not protrude outside the electrode profile. Only attach one gel pad to each electrode.
- (3) Remove the second protective film slowly and carefully to make sure the gel pads are not damaged.



(i) Note

Use this product only with the genuine gel pads (61 mm x 89 mm, single size) which are come with the product and can be purchased separately from the manufacturer afterward.

9. Initial use

9.1 Starting use

(i) Note

In total, this device has two levels of heat function, and 15 intensity levels for TENS application. We recommended you start off using a low intensity levels until you have got used to the device. This device has an automatic switch-off function. After 20 minutes of use, it automatically switches itself off.

- (1) Stick the device onto the painful area.
- (2) Long press the "TENS function button" to switch "on the device", the "TENS function indicator/Battery level indicator" flashes green. To start stimulation, short press the "increase intensity button" on the device once. The lowest intensity is now activated.

- (3) To switch on superficial heat, long press the “Heat function button” on the device/remote controller. The “Heat function indicator” and “TENS function indicator/Battery level indicator” flash green. To start stimulation, short press the “Increase intensity button” on the device once. The lowest intensity is now activated. To adjust the heat function level, short press the “Heat function button” on the device or remote controller.
- (4) If you want to switch off superficial heat, long press the “Heat function button” on the device. Now only the “TENS function indicator/Battery level indicator” is flashing and you can start stimulation by short pressing the “Increase intensity button” on the device/remote controller.
- (5) Select your desired intensity level using the “Increase intensity button” or “decrease intensity button” on the device. We recommend you set the intensity to a non-painful, maximum tolerable level. The intensity should be increased continually throughout the treatment session to maintain an intense sensation and avoid habituation.
- (6) After the device output for 20 minutes, it will automatically switch off. However, you can switch off the device, long press the “TENS function button” and “Heat function button” on the device. The “TENS function indicator” and “Heat function indicator” go out.
- (7) Take care when removing it from your body. Reapply the storage board to the gel pads to protect them.
- (8) If the “TENS function indicator/Battery level indicator” flashes red, please charge the device as described in the previous section.

9.2 Note on use

- Switch off the device before removing it.
- Wait at least 30 minutes between applications.
- Only use the device as often as you find comfortable. If treatment with this device starts to feel unpleasant, stop using it.
- This device has a function which detects whether the device is in contact with the body properly, if there is not sufficient contact with the body, the device beeps and switches itself off. If the device is attached to your body but still beeps, clean the gel pads and try starting the device again. If the continuous beeping persists, replace the gel pads.
- If the adhesive capability of the gel pads decreases, replace them immediately. Do not use the device again until the gel pads have been replaced, as the uneven adhesion of the gel pads could lead to skin lesions.

- In the event of unpleasant current peaks, switch off the device and move it slightly
- If you find that using the device cause you to have a much heavier flow, stop using it.

10. Superficial heat (SH)

In addition to the TENS function, this device also offers two levels of the superficial heat (SH), delivered through the gel pads which can be activated as required for all programs. You can activate the first level of the SH by short pressing the Heat function button on the device whenever the electrical stimulation is outputting. Then wait a moment until the temperature stops increasing. If the temperature is too low for you, you can activate the high second level of the function by short pressing the "HEAT function button" on the device. If you would like to deactivate the heat function, you can do so by long pressing the "HEAT function button" on the device.

If you want to use the SH function independently, without additional electrical stimulation, proceed as follows:

- (1) Stick the device onto the painful area.
- (2) Long press the "Heat function button" to switch "on the device, the "Heat function indicator" flashes green.
- (3) If you want to adjust the heat function level, press the "Heat function button" on the device.
- (4) After the device output for 10 minutes, it will automatically switch off. However, you can switch off the heat function at any time, long press the "Heat function button" on the device. The "Heat function indicator" goes out.
- (5) Take care when removing it from your body. Reapply the storage board to the gel pads to protect them.

11. Cleaning and maintenance

- Clean the device after use with a soft, slightly damp cloth. If it is very dirty, you can also moisten the cloth with a mild soapy solution.
- Ensure that no water enters the device. If this happens, only use the device again once it has fully dried out.
- To ensure that the gel pads retain their adhesion for as long as possible, clean them carefully with a damp, lint-free cloth.
- Do not use any chemical or abrasive cleaning agents for cleaning.

12. Troubleshooting

Problem	Possible cause	Solution
The device does not switch on when the “TENS function button” or “Heat function button” is pressed.	The battery may be flat.	Fully charge the battery. If it is still not possible to switch the device on, please contact customer service.
The device does not stick to the body.	The gel pad may be dirty or worn. The treatment area of the skin may not be clean enough.	Clean the adhesive surface of the gel pads using a damp, lint-free cloth. The gel pads must be replaced if they still do not stick securely. Clean the skin prior to any applications; do not use skincare lotions or oils prior to treatment. Shaving may increase the life of gel pads.
There is no noticeable simulation.	The gel pads may be dirty or worn, the battery may need charging.	Ensure that the gel pads are in firm contact with the treatment area. The battery is almost flat. Charge it fully.
An unpleasant sensation is experienced where the gel pads are applied.	The gel pads are worn. This may cause irritated skin, as even distribution of the current across the entire area is no longer guaranteed.	Replace the gel pads.
Skin in the treatment area turns red.	If redness under the gel pads disappears quickly this is not dangerous, and is caused by the locally stimulated, increased blood flow caused by TENS and heat.	Immediate stop treatment and wait until your skin has returned to its normal condition. However, consult your doctor before you continue treatment if the skin irritation persists and if it is accompanied by an itch sensation or inflammation, as this may be caused by an allergic reaction to

The skin under the heat surface turns red.	Reddening under the heat surface of the device can be explained by the heavily stimulated blood flow in the heated tissue.	The skin should return to its normal condition a few minutes after treatment. However, consult your doctor before continuing to use the heat function if the redness persists and if you experience any itching or inflammation.
The device becomes too hot.	---	Press the "Heat function button" to stop the heat function and just continue using the TENS function.

13. Disposal

For environment reasons, do not dispose of the device in household waste at the end of its service life. Dispose of the device at appropriate collection points in your country. If you have any question, please contact the local authorities responsible for waste disposal.



14. Technical specifications

Name	HEATING TENS/EMS
Model	FT-810
Output waveform	Biphasic rectangular pulses
Pulse length	400 μ s
Pulse frequency	4~45 Hz
Maximum output voltage	63 V _{p-p} (at 1k Ω)
Output current	63 mA _{p-p} (at 1k Ω)
Heat settings	HI: Up to 43°C LOW: Up to 41°C
Voltage supply	Lithium polymer battery 1000 mAh

Treatment time	TENS-only mode: 20 minutes, and then switch off automatically Heat-only mode: 10 minutes, and then switch off automatically TENS + Heat mode: 20 minutes, and then switch off automatically
Intensity	Adjustable from 0 to 15
Operating conditions	5°C to 40°C (41°F to 104°F) at a relative humidity of 15% to 90%
Storage conditions	0°C to 40°C (32°F to 104°F)
	at a relative humidity of 0% to 90%
Dimension	Approx. 284 mm x 95 mm x 20 mm
Weight	102 g
Shelf Life / Product Life	3 years

Annex 1 – Electromagnetic Compatibility

A1.1 Important information regarding Electro Magnetic Compatibility (EMC)

With the increased number of electronic devices such as computers and mobile (cellular) telephones, this device in use may be susceptible to electromagnetic interference from other devices, even if it complies with CISPR emission requirements. Electromagnetic interference may result in incorrect operation of this device and create a potentially unsafe situation. Besides, this device should also not interfere with other devices. In order to regulate the requirements for EMC (Electro Magnetic Compatibility) with the aim to prevent unsafe product situations, the IEC 60601-1-2 standard has been implemented. This standard defines the levels of immunity to electromagnetic interferences as well as maximum levels of electromagnetic emissions for medical devices. This device manufactured by HIVOX conforms to this IEC 60601-1-2 standard for both immunity and emissions. Nevertheless, special precautions need to be observed:

- The use of the device adjacent to or stacked with other device should be avoided because it could result in improper operation. In case such use is necessary, the device and other device should be observed to verify that they are operating normally?
- The use of any parts other than those specified or provided by the HIVOX could result in increased electromagnetic emissions or decreased electromagnetic immunity of this device and result in improper operation.
- Portable RF communications device (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of this device. Otherwise, degradation of the performance of the device could result.
- Refer to further guidance below regarding the EMC environment in which the device should be used.

A1.2 Guidance and manufacturer's declaration – Electromagnetic emission

This device is intended for use in the electromagnetic environment specified below. The user of this device should make sure it is used in such an environment.

Test Standard	Test Item	Test Level	Electromagnetic environment – Guidance
EN 55011 / CISPR 11	Conducted Emissions of Powerline	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
EN 55011 / CISPR 11	Radiated Emissions	Class B	This device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.

EN/IEC 61000-3-2	Harmonic Current Emission	Not applicable (Note 1)	---
EN/IEC 61000-3-3	Voltage Fluctuations and Flicker	Not applicable (Note 1)	---
<p>Note 1: The power supply of this device is from battery (DC voltage), so Harmonic current emission, Voltage fluctuations & flicker, EFT, Surge, CS and DIP tests are not applicable for this device.</p> <p>Note 2: Standards applicable to other modes or EM ENVIRONMENTS of transportation for which use is intended shall apply.</p>			

A1.3 Guidance and manufacturer's declaration – Electromagnetic immunity

This device is intended for use in the electromagnetic environment specified below. The user of this device should make sure it is used in such an environment.

Test Standard	Test Item	Test Level	Electromagnetic environment – Guidance
IEC 61000-4-2	Electrostatic discharge	Contact: ± 8 kV; Air:±2 kV, ±4 kV, ±8 kV, and ±15 kV	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%. Portable and mobile RF communications equipment should be used no closer than 30 cm (12 inch) to any part of this device.
IEC 61000-4-3	Radiated RF EM fields	10 V/m; 80 MHz to 2.7 GHz; 80% AM at 1 kHz	Portable and mobile RF communications equipment should be used no closer than 30 cm (12 inch) to any part of this device.
IEC 61000-4-3	Proximity fields from RF wireless communications equipment	Not applicable (Note 1)	---
IEC 61000-4-4	Electrical fast transients / bursts	Not applicable (Note 1)	---
IEC 61000-4-5	Surges line-to-line	Not applicable (Note 1)	---
IEC 61000-4-6	Conducted disturbances induced by RF fields	Not applicable (Note 1)	---
IEC 61000-4-8	Rated power frequency magnetic fields	30 A/m 50 Hz and 60 Hz	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
IEC 61000-4-11	Voltage dips and interruptions	Not applicable (Note 1)	---

ISO 7637-2	Electrical Transient Conduction along Supply Lines	Not applicable (Note 2)	---
Note 3: The power supply of this device is from battery (DC voltage), so Harmonic current emission, Voltage fluctuations & flicker, EFT, Surge, CS and DIP tests are not applicable for this device.			
Note 4: Standards applicable to other modes or EM ENVIRONMENTS of transportation for which use is intended shall apply.			

A1.4 Recommended separation distance between portable and mobile RF communications equipment and this device

This device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of this device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and this device as recommended below, according to the maximum output power of the communications equipment.

Test frequency (MHz)	Band (MHz)	Service	Modulation	Maximum power (W)	Immunity test level (V/m)	Separation distance (m)
385	380 – 390	TETRA 400	Pulse modulation ^{b)} 18 Hz	1.8	27	0.3
450	430 – 470	GSMR 460; FRS 460	FM ^{c)} ±5 kHz deviation 1 kHz sine	2	28	0.3
710	704 – 787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0.2	9	0.3
745						
780						
810	800 – 960	GSM 800/900; TETRA 800; iDEN 820; CDMA 850; LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	28	0.3
870						
930						
1720	1700 – 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25: UMTS	Pulse modulation ^{b)} 217 Hz	2	28	0.3
1845						
1970						

		RFID 2450; LTE Band 7	217 Hz			
5240	5100 – 5800	WLAN 802.11 a/n	Pulse modulation b) 217 Hz	0.2	9	0.3
5500						
5785						
a) For some service the uplink frequency are included. b) The carrier shall be modulated using a 50% duty cycle square signal. c) As an alternative to FM modulation, 50% pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.						

NOTICE:

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.

Annex 2 – FCC Warning

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Annex 3 – FCC Warning

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed 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.

Annex 4 – FCC Warning

RF exposure statements

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

Annex 5 – NCC Warning

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



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