BRAUN

# ExactFit™ **2 connect**


BUA4075BUS
BUA4075VUS

Braun ExactFit™ **2 connect**
BUA4075BUS, BUA4075VUS
Upper arm blood pressure monitor

## Product description

1. **LCD display**
2. **Color coded guidance**
3. **Power (start/stop) button** ⏻
4. **Memory button** M
5. **Hose port**
6. **Battery compartment**
7. **Connector**
8. **Arm cuff**
9. **Air hose**



**Contact Us**
Questions or Comments?

**Call us toll-free at:** 1-800-327-7226

**Contact us at:** www.BraunHealthcare.com/contact-us

**Or visit our website at:** www.BraunHealthcare.com

Please be sure to specify the model number.

Helen of Troy



Distributed by Kaz USA, Inc.
A Helen of Troy Company
400 Donald Lynch Blvd., Suite 300, Marlborough, MA 01752

Made and printed in China

## Intended use of Braun ExactFit™ 2 connect

This device is intended for home use, to intermittently measure systolic and diastolic blood pressure and pulse rate in adults.

This device has not been tested for and hence is not intended for neonatal and infant subjects, pregnant, including pre-eclamptic users.

This blood pressure monitor is not intended for clinical use in a professional environment and is for home usage only. The use of this blood pressure monitor is not intended as a substitute for a consultation with your doctor.

## What you should know about blood pressure

Blood pressure constantly changes throughout the day. It rises sharply in the early morning and declines during the late morning. Blood pressure rises again in the afternoon and finally drops to a low level at night. Also, it may vary in a short period of time. Therefore, readings from successive measurements can fluctuate.

This device will display your blood pressure reading referring to two values: systolic and diastolic, through the principle of pressure oscillation. The systolic blood pressure (the upper number) indicates how much pressure your blood is exerting against your artery walls when the heart beats. The diastolic blood pressure (the lower number) indicates how much pressure your blood is exerting against your artery walls while the heart is resting between beats. The pulse value is also displayed after each measurement.

Blood pressure measured in a doctor's office only provides a momentary value. Repeated measurements at home better reflect one's actual blood pressure values under everyday conditions.

Moreover, many people have a different blood pressure when they measure at home, because they tend to be more relaxed than when in the doctor's office. Regular blood pressure measurements taken at home can provide your doctor with valuable information on your normal blood pressure values under actual «everyday» conditions. The AHA (American Heart Association) has set up the following standard blood pressure values when measured with a resting pulse at home:

| Blood pressure (mmHg) | **Normal** | **Elevated** | **High Blood Pressure Stage 1** | **High Blood Pressure Stage 2** | **Hypertensive Crisis** |
|---|---|---|---|---|---|
| SYS = systole (upper value) | Less than 120 | 120-129 | 130-139 | 140-180 | Higher than 180 |
| DIA = diastole (lower value) | Less than 80 | Less than 80 | 80-89 | 90-120 | Higher than 120 |

***LCD display text and icons flash for Hypertensive Crisis reading**

If you are under medical treatment or taking any medication, please consult your doctor first. DO NOT adjust medication based on measurement results from this blood pressure monitor. Take medication as prescribed by your doctor. Only a doctor is qualified to diagnose and treat high blood pressure.



## Safety information and important precautions

To ensure accurate measuring results, read the complete instructions for use carefully.

People suffering from renal diseases, cardiac arrhythmia, vascular constriction, arteriosclerosis in the extremities, diabetes or users of cardiac pacemakers should consult their doctor before measuring their blood pressure themselves. Deviations in blood pressure values may occur in such cases.

If your blood pressure reading is in the hypertensive crisis range with a systolic blood pressure value higher than 180 mmHg and / or a diastolic blood pressure value higher than 120 mmHg and you find you have one or two readings in this range - please see your doctor immediately.

**The use of this blood pressure monitor is not intended as a substitute for a consultation with your doctor.**

Avoid compression or restriction of the connection tubing. Continuous cuff pressure due to the connection tubing kinking can affect blood flow and cause possible injury to the user.

**WARNING:** Please use the original factory cuff to ensure accuracy.

**DO NOT** use this device on the arm of the same side of the body on which the user had a mastectomy. Measuring blood pressure too frequently can cause injury to the user due to blood flow interference.

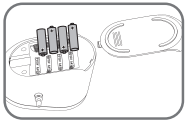
**DO NOT** apply the cuff to a limb on which there is intravascular access or on which an arterio-venous (A-V) shunt is present. This can cause temporary interference of blood flow and potential injury to the user.

**DO NOT** apply the cuff over a wound as this can cause further injury.

**DO NOT** use the device while simultaneously using other medical electrical (ME) equipment.

**DO NOT** use this device on neonates or infants, pregnant people, or persons who cannot express their intentions.

## Inserting batteries



- Use alkaline batteries, type AA 1.5V as supplied with this product.
- Remove the battery compartment cover and insert four batteries with correct polarity (see symbol in the battery compartment).

Only discard empty batteries. They should not be disposed of in the household waste, but at appropriate collection sites or at your retailer.

## Key rules for accurate blood pressure measurement

**ALWAYS** take readings at the same time of day, under the same conditions.

**DO NOT** take a measurement within 30 minutes of smoking, drinking coffee or tea or any form of exertion. These factors will influence the measurement.

**ALWAYS** measure on the same arm. The left arm is recommended. **DO NOT**

move or speak while measurement is being taken. Keep your legs uncrossed and feet flat on the floor.

Place the cuff in direct contact with the skin. **DO NOT** wrap the cuff over a jacket, sweater or shirt.

If you want to take multiple measurements, wait approximately 5 minutes before repeating a measurement.

## Pairing your smart device

1. Make sure the device is turned OFF. Press and hold the Power button for 8 seconds. The screen will turn on and the Bluetooth icon and the letters "bt" flash.
2. When the blood pressure monitor successfully pairs to your smart device, the Bluetooth icon "bt" will turn solid.
3. If there is a problem pairing to your smart device, the screen will display "Err bt".

You may need to turn on location services to pair. Note that your location is not used by the app.

## Applying the arm cuff

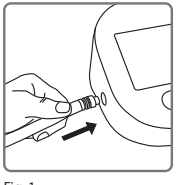


Fig. 1

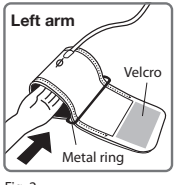



Fig. 2

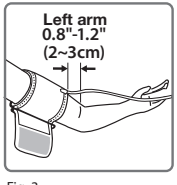



Fig. 3

1. Plug the air hose into the connector (Fig. 1).
2. The cuff is located correctly when the velcro is on the outside of the cuff and the metal ring does not touch the skin (Fig. 2).
3. Put your arm through the cuff loop. The bottom of the cuff should be approximately 0.8" - 1.2" (2~3 cm) above elbow (Fig. 3). The tube should lie over the brachial artery on the inside of the arm (Fig. 4).

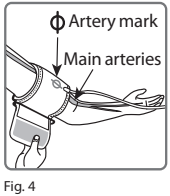



Fig. 4

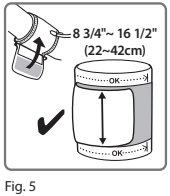



Fig. 5

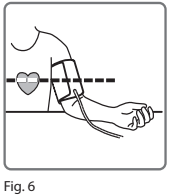


Fig. 6

4. Pull the cuff so that the top and bottom edges are tightened around your arm, make sure not to wrap the cuff very tightly. Allow space for one finger to fit between the cuff and the arm.



5. When the cuff is positioned properly, press the velcro firmly against the pile side of the cuff.
6. This cuff is ready for use if the arrow heads fall within the range on the other side of the cuff when the cuff is tightened around your arm (Fig. 5).
7. Sit on a chair and place your arm on the table so that the cuff is at the same level as your heart (Fig. 6).

## Taking a measurement

1. Sit down with straight back with your feet flat on the floor.
2. Ensure the cuff is wrapped snugly (per the "Applying the arm cuff" section above, Fig. 3-6).
3. Do not move the unit during measurement, or the proper measurement will not be achieved.
4. Press power button ⏻ to begin. The last results will be shown on the screen (M reading). The measurement starts automatically. While measurement is in progress, do not move or speak. **Note: If necessary to interrupt a measurement, press the power button ⏻ at any time. The device immediately cancels the measurement, lowers cuff pressure and automatically turns off**.
5. The cuff will first inflate and then deflate. At the end of the measurement the reading is displayed:

   Upper (systolic) value
   Lower (diastolic) value
   Pulse
6. Press the power button ⏻ to turn the product off. Otherwise the product will turn off automatically after 1 minute.
7. Test results will be saved into the memory automatically (see memory function below).

This device is not intended as a substitute for regular check-ups by your doctor, please continue to visit your doctor on a regular basis for a professional reading.

## Connection to Smartphone and Braun Healthy Heart app

Your ExactFit™ 2 Connect can be connected by Bluetooth® to your Smartphone (iOS and Android) to download stored readings automatically. The device can upload up to 99 readings per user by using the Bluetooth memory.

Download on the App Store  GET IT ON Google Play

Switch on the Bluetooth function on your Smartphone. Make sure the Braun Healthy Heart app has been downloaded onto your Smartphone and the app is open. To sync measurements, press the Memory button on the device while the app is open on your Smartphone.

## Irregular heartbeat detector

Talking, moving, shaking or an irregular pulse during the measurement can result in the appearance of this icon. Usually this is not a cause for concern, however if the symbol appears often, we recommend you seek medical advice. The device does not replace a cardiac examination, but it could help identifying pulse irregularities to be discussed with your doctor.

♡ This symbol at the left-hand side of pulse reading indicates a regular heartbeat.

♡ This symbol at the left-hand side of pulse reading indicates that pulse irregularities were detected during the measurement. This irregular heartbeat can be caused simply by talking, moving or shaking during a measurement. In this case, the result may deviate from your normal blood pressure – repeat the measurement. Normally this is not cause for concern. However if the symbol appears frequently, and these guidelines are strictly followed, seek medical advice.

## Color Coded Guidance

The instant read color indicator follows the AHA recommendations for interpreting readings and is described in the table below.

| | | | |
|---|---|---|---|
| ♥ | **Green:** normal blood pressure | | Your blood pressure reading is normal, and values are below 120 mmHg systolic and below 80 mmHg diastolic. |
| ♥ | **Yellow:** elevated | ⚠ | Your blood pressure reading is in the mild hypertension range with values between 120-129 mmHg systolic and/or less than 80 mmHg diastolic. |
| ♥ | **Orange:** moderate hypertension | ⚠ | Your blood pressure reading is in the moderate hypertension range with values between 130-139 mmHg systolic and/or 80-89 mmHg diastolic. |
| ♥ | **Red:** severe hypertension | **Warning** | Your blood pressure reading is in the severe hypertension range with values of 140 mmHg systolic and above and/or 90 mmHg diastolic and above. If you get readings in this range, consult your doctor straight away. |
| ♥ | **Red (Text Flashing):** hypertensive crisis | **Warning** | Your blood pressure reading is in the hypertensive crisis range with values a systolic blood pressure value higher than 180 mmHg and / or a diastolic blood pressure value higher than 120 mmHg. If you find you have one or two readings in this range, consult your doctor right away. |

Blood pressure readings will be automatically saved in the device memory. Results are displayed for approx. 60 seconds, then device will automatically shut-off.

## Memory function

Your blood pressure monitor can store the latest 99 readings.

## Storing measurement data

After each blood pressure measurement, the systolic pressure, diastolic pressure, pulse rate will be automatically stored. Memory #01 is always the most recent one.

Once the memory is full, the oldest values will be overwritten.

Press memory button **M** to review the stored data. The last memory data (sys/dia/pul), AHA indicator will show on LCD as "01", "02", "03"..."10".

Press and hold memory button to scroll through previous stored data.

## Factory reset

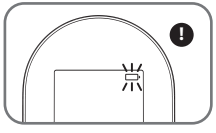
Press and hold power and memory button together for 3 seconds to clear the memory of the device of all pre-existing information.

This device is not intended as a substitute for regular check-ups by your doctor, please continue to visit your doctor on a regular basis for a professional reading.

## Battery charge indicator

**Batteries discharged—replacements required**

When the batteries are fully discharged, the empty battery symbol is displayed. You cannot take any further measurement and must replace the batteries. Refer to the section "Inserting batteries".



## Storage and cleaning

- **DO NOT** put the item directly under the sunlight, in high temperature or humid and dusty places.
- **DO NOT** store in extremely low (less than -13°F (-25°C)) or high (more than 131°F (55°C)) temperature.
- Use a piece of cloth with water or mild cleansing agent to clean the case and then use a piece of dry cloth to wipe it dry. Use a piece of dry cloth to wipe the cuff when it is dirty.
- **NEVER** use abrasive cleaning agents, thinners, or benzene for cleaning, and **NEVER** immerse the unit in water or other cleaning liquids.
- When the unit is not to be used for a long time, remove the batteries. (Batteries may leak or cause harm).
- **DO NOT** modify the device. **NEVER** open the device! This will void the manufacturer's warranty.

## Calibration

This product has been calibrated at the time of manufacture. If used according to the instructions for use, periodic recalibration is not required. If at any time you question the measuring accuracy, please contact our service representative (see last page for contact information).

## FCC warning

**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.**

**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:

A. Reorient or relocate the receiving antenna.

B. Increase the separation between the equipment and receiver.

C. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

D. Consult the dealer or an experienced radio/TV technician for help.

**Any changes or modifications not expressly approved by the party responsible for compliance can void the user's authority to operate the equipment**

## Cybersecurity guidelines

1. No Anti-Virus or firewall software is used in this device. Keep operating software on your phone up to date.
2. Any Internet and Bluetooth based communications are authenticated, encrypted, and verified for integrity.
3. For the Blood Pressure Monitor to operate as intended with the App, Bluetooth permissions are needed and Location services may be needed for Bluetooth pairing.
4. No supplemental secure configuration is required by the user. However, we encourage end-user to enable user-authentication in their smartphone such as pin code, swipe or biometric authentication like face recognition or fingerprint recognition.
5. App Updates when needed will be pushed through notifications to the smartphone mobile device and user will choose when to update. Software updates to the Blood pressure monitor will be pushed through the App and user must follow the provided instructions to begin the update.
6. In the event of an anomalous connection to the network or loss of connection to the network, the device will continue to operate as intended.
7. Settings for the blood pressure monitor are not retained in the cloud for recovery.

8.


9. For software components please contact Customer Service.
10. There are no user configurable connections. If you have questions regarding cyber-security, please contact customer support at the number provided.
11. Helen of Troy expects to maintain all online services and Apps for the ongoing future to ensure your satisfaction. However, in the event that an "end of support" situation becomes unavoidable, followed by a grace period of 3 years and then an "end of life", notification will be provided via the App. In that situation, Helen of Troy will provide a final App and firmware update to allow continued offline use. Following the update, no ongoing support for the device or App will be provided.

## What to do if ...

| Error | Description | Potential cause and remedy |
|---|---|---|
|  | Batteries are low | Get ready to replace batteries soon with new ones. |
|  | Batteries are fully discharged | Insert new batteries or check that batteries are correctly inserted. |
| «Err0» | Measuring Error | The pulse signals on the cuff are too weak. Make sure the tube is attached properly to the cuff and device. Re-position the cuff and repeat the measurement. In rare cases the difference between the systolic and diastolic values may be greater than 100. If you continue to see error 0, please contact your doctor. |
| «Err1» | Pumping Error | The cuff is not fastened properly. Re-position the cuff and repeat the measurement. |
| «Err2» | Out of range results Error | Relax for a while and repeat the measurement. Make sure the cuff is correctly positioned on your arm. |
| «Err3» | Pump time Error | The cuff is not fastened properly. Re-fit the cuff and take a measurement again. |
| «Err4» | Results Error | Relax for a while and repeat the measurement. Make sure your cuff is correctly positioned on your arm. If you continue to get this error please see your doctor. |
| «Err254» | Device internal Error | Remove and then reinsert the batteries. If the problem persists, contact customer support. |
| «Err255» | Calibration Error | Remove and then reinsert the batteries. If the problem persists, contact customer support. |
| «Err256» | An Error occurred during the Bluetooth Firmware update | Device will automatically restart using the original Bluetooth firmware. Re-initiate the firmware download process or follow the on-screen instruction from Braun app. |

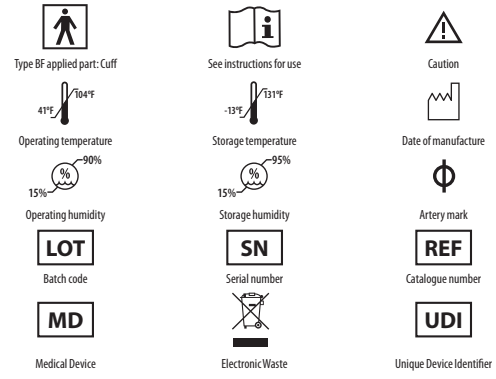
| | | |
|---|---|---|
| <Err bt> | Bluetooth pairing failed | Enable Bluetooth on phone, turn off the blood pressure monitor, and follow pairing instructions. |
| Readings from repeated measurements differ considerably. | Blood pressure is a fluctuating value. For healthy adults, deviations of 10 to 20 mmHg are possible. | Reminder: always use the same arm for measurements! |
| | Cuff is not properly fitted. | Ensure that the cuff is fitted according to the "Applying the arm cuff" section. |
| | Readings were not consistently taken at heart level. | For each measurement, make sure that the cuff is at heart level. |
| | Talking, coughing, laughing, moving etc. when measuring will influence the reading. | While measuring, relax, keep still, do not move or speak. |
| Blood pressure values measured at your doctor's office differ from your measurements. | Doctor visits can frequently cause anxiety. | Record the daily development of the measured values and consult your doctor. |
| Display remains blank, or is unusual, when instrument is switched on. | Batteries are not installed properly. | Check batteries for correct polarity. |
| Device frequently fails to measure blood pressure values, or values measured are too low (or too high). | Cuff may not be properly positioned. | Ensure that the cuff is fitted according to the "Applying the arm cuff" section. |

## Specifications

| | |
|---|---|
| Model: | BUA4075BUS, BUA4075VUS |
| Operation principle: | Oscillometric method |
| Display: | Liquid crystal display |
| Range of measurement: | Rated Cuff pressure : 0 mmHg~295mmHg |
| Measurement pressure : | SYS: 60-240mmHg; DIA:40-190mmHg<br>Pulse 40~199 beats/minute |
| Laboratory accuracy: | pressure: +/-3 mmHg (cuff pressure) |
| Pulse rate : | +/- 5% max |
| Battery life: | 200 measurements |
| Auto power off: | Approximately 1 minute of inactivity |
| Accessories: | 4 batteries, 1 arm cuff with tube, instruction manual. |
| Inflation: | Automatic |
| Power supply: | 4 batteries, type AA 1.5V |
| Operating temperature: | 41 ˚F to 104 ˚F (5 °C to 40 °C) |
| Operating humidity: | 15% to 90% relative humidity, non-condensing |
| Storage/transport temperature: | -13 ˚F to 131 ˚F (-25 °C to 55 °C) |
| Storage/transport humidity: | 15% to 95% relative humidity, non-condensing |
| Operating/storage/transport atmospheric pressure: | 70~106 kPa |
| Cuff: | Universal size (8 3/4"~ 16 1/2") |
| Wireless communication: | Bluetooth® Smart |
| Frequency Range: | 2.4GHz ISM Band (2400 - 2483.5 MHz)<br>Modulation: GFSK |
| Effective radiated power: | <20dBm |
| Service life: | 5 years |
| Warranty: | 2 years |

If device is not used within specified temperature and humidity ranges the technical accuracy cannot be ensured.

**IP21** Protected against solid foreign objects of 12.5 mm diameter and greater. Protected against vertically falling water drops.




Subject to change without notice.
Supply connection: internally powered equipment.

Mode of operation: continuous operation.

MEDICAL ELECTRICAL EQUIPMENT needs special precautions regarding EMC.

For detailed description of EMC requirements visit www.BraunHealthcare.com.

Portable and mobile RF communications equipment can affect medical electrical equipment.

Please do not dispose of the product in the household waste at the end of its useful life. Disposal can take place at your local retailer or at appropriate collection points provided in your country.

## Warranty

Please read all instructions before attempting to use this device. Please retain the receipt as proof of and date of purchase. The receipt must be presented when making any claim within the relevant warranty period. Any claim under the warranty will not be valid without a proof of purchase.

Your device is warrantied for two years (2 years) from date of purchase.

This warranty covers defects in materials or workmanship that occur under normal use; defective devices meeting these criteria will be replaced free of charge.

The warranty DOES NOT cover defects or damage resulting from abuse or failure to follow the userinstructions. The warranty becomes void if the device is opened, tampered with, or used with non-Braun branded parts or accessories, or if repairs are undertaken by unauthorized persons.

Accessories and consumables are excluded from any warranty.

For support requests or warranty claims, please contact us by calling 1-800-327-7226 or emailing us at ConsumerRelations@HelenofTroy.com.

The LOT and SN of your device are printed on the rating label on the back of the product.

Manufacturing date is given by the LOT number located at the back of the thermometer. The first four (4) digits represent the year that the product was manufactured, the next two (2) digits represent the month the product was manufactured, and the last two (2) digits represent the day the product was manufactured. The last identifiers are the letters that represent the manufacturer.

An example: LOT: 2024-01-15 sss implies this product has been manufactured on January 15 2024.

This device conforms to the following standards:

- AAMI SP10:2002 - Manual, Electronic or Automated Spygmomanometers.
- IEC 80601-2-30 Medical electrical equipment – Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers.
- ANSI /AAMI/ IEC 60601-1: Medical electrical equipment – Part 1: General requirements for basic safety and essential performance.
- IEC 60601-1-2: Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral Standard: Electromagnetic disturbances – Requirement and tests.

**NOTE: DO NOT use this device in the presence of electromagnetic or interference outside the normal range specified in IEC 60601-1-2.**

- ISO 15223-1: Medical devices - Symbols to be used with medical device labels, labeling and information to be supplied - Part 1: General requirements.
- IEC 60601-1-11: Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment.

**Guidance and manufacturer's declaration – electromagnetic immunity**

The BUA4075 is intended for use in the electromagnetic environment specified below.
The customer or the user of the BUA4075 should ensure that it is used in such an environment.

| Phenomenon | Basic EMC standard or test method | IMMUNITY TEST LEVELS |
|---|---|---|
| | | HOME HEALTHCARE ENVIRONMENT |
| ELECTROSTATIC DISCHARGE | IEC 61000-4-2 | ± 8 kV contact<br>± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air |
| Radiated RF EM fields [a] | IEC 61000-4-3 | 10 V/m [f]<br>80 MHz – 2,7 GHz [b]<br>80 % AM at 1 kHz [c] |
| Proximity fields from RF wireless communications equipment | IEC 61000-4-3 | See RF wireless communication equipment immunity table below |
| RATED power frequency magnetic fields [d] [e] | IEC 61000-4-8 | 30 A/m [g]<br>50 Hz or 60 Hz |

[a] The interface between the PATIENT physiological signal simulation, if used, and the ME EQUIPMENT or ME SYSTEM shall be located within 0,1 m of the vertical plane of the uniform field area in one orientation of the ME EQUIPMENT or ME SYSTEM.

[b] ME EQUIPMENT and ME SYSTEMS that intentionally receive RF electromagnetic energy for the purpose of their operation shall be tested at the frequency of reception. Testing may be performed at other modulation frequencies identified by the RISK MANAGEMENT PROCESS. This test assesses the BASIC SAFETY and ESSENTIAL PERFORMANCE of an intentional receiver when an ambient signal is in the passband. It is understood that the receiver might not achieve normal reception during the test.

[c] Testing may be performed at other modulation frequencies identified by the RISK MANAGEMENT PROCESS.

[d] Applies only to ME EQUIPMENT and ME SYSTEMS with magnetically sensitive components or circuitry.

[e] During the test, the ME EQUIPMENT or ME SYSTEM may be powered at any NOMINAL input voltage, but with the same frequency as the test signal (see Table 1).

[f] Before modulation is applied.

[g] This test level assumes a minimum distance between the ME EQUIPMENT or ME SYSTEM and sources of power frequency magnetic field of at least 15 cm. If the RISK ANALYSIS shows that the ME EQUIPMENT or ME SYSTEM will be used closer than 15 cm to sources of power frequency magnetic field, the IMMUNITY TEST LEVEL shall be adjusted as appropriate for the minimum expected distance.

**Guidance and manufacturer's declaration – electromagnetic emissions**

The IRT3515 equipment is intended for use in the electromagnetic environment specified below.
The customer or the user of the IRT3515 should ensure that it is used in such an environment.

| Emissions Test | Compliance | Electromagnetic environment – guidance |
|---|---|---|
| RF Emissions CISPR 11 | Group 1 | The ME equipment 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. |
| RF Emissions CISPR 11 | Class B | Complies |
| Harmonic emissions IEC 61000-3-2 | Not Applicable | The ME equipment is solely battery powered. |
| Voltage fluctuations/ flicker emissions | Not Applicable | |

| Guidance and manufacturer's declaration – RF wireless communication equipment immunity | | | | | | |
|---|---|---|---|---|---|---|
| Test frequency (MHz) | Band [a] (MHz) | Service [a] | Modulation [b] | Maximum power (W) | Distance (m) | IMMUNITY TEST LEVEL (V/m) |
| 385 | 380 –390 | TETRA 400 | Pulse modulation [b] 18 Hz | 1,8 | 0,3 | 27 |
| 450 | 430 – 470 | GMRS 460, FRS 460 | FM [c] ± 5 kHz deviation 1 kHz sine | 2 | 0,3 | 28 |
| 710 | 704 – 787 | LTE Band 13, 17 | Pulse modulation [b] 217 Hz | 0,2 | 0,3 | 9 |
| 745 | | | | | | |
| 780 | | | | | | |
| 810 | 800 – 960 | GSM 800/900, TETRA 800, IDEN 820, CDMA 850, LTE Band 5 | Pulse modulation [b] 18 Hz | 2 | 0,3 | 28 |
| 870 | | | | | | |
| 930 | | | | | | |
| 1 720 | 1 700 – 1 990 | GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS | Pulse modulation [b] 217 Hz | 2 | 0,3 | 28 |
| 1 845 | | | | | | |
| 1 970 | | | | | | |
| 2 450 | 2 400 – 2 570 | Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7 | Pulse modulation [b] 217 Hz | 2 | 0,3 | 28 |
| 5 240 | 5 100 – 5 800 | WLAN 802.11 a/n | Pulse modulation [b] 217 Hz | 0,2 | 0,3 | 9 |
| 5 500 | | | | | | |
| 5 785 | | | | | | |

[a] For some services, only the uplink frequencies are included.

[b] The carrier shall be modulated using a 50 % duty cycle square wave 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.

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