General description (Fig. 1)

1. Socket for DC charger plug
2. Bluetooth® symbol
3. Battery symbol
4. Systolic blood pressure
5. Diastolic blood pressure
6. Heart rate
7. Movement detector
8. Heart rate/irregular heart rate detector
9. User IDs
10. Cuff
11. On button
12. User ID button
13. Blood pressure classification
14. DC plug
15. DC charger

IMPORTANT SAFEGUARDS

Warning:
READ ALL INSTRUCTIONS BEFORE USING

When using electrical products, basic safety precautions should always be followed, including the following:

Warnings

- Please keep the unit out of reach of infants, children or pets, since inhalation or swallowing of small parts can be dangerous or even fatal.
- The device is only intended for measuring the blood pressure of adults.
- The device is not suitable for persons who have electrical implants.
- Do not use this blood pressure monitor on any arm where intravascular access or therapy (such as an intravenous drip or a blood transfusion), or an arterio-venous shunt (A-V shunt) is present. The temporary interference to blood flow by the blood pressure measurement could result in injury.
- If you had a mastectomy (breast amputation) do not use this blood pressure monitor on the arm on the side of the mastectomy. The inflating cuff can lead to pain, trauma and further injury in the arm on the side of the mastectomy.
The effectiveness of this blood pressure monitor - Always check the device and cuff before use - Do not use while bathing and within 20 minutes after taking a bath - Do not use the blood pressure monitor during charging as this can cause injury - Do not touch the output of the DC charger as this can cause injury - Never use any accessories or parts from other than obtaining a blood pressure device - Common arrhythmias (such as atrial or vascular premature beats or atrial fibrillation) and peripheral artery disease/arteriosclerosis can affect the accuracy of this blood pressure monitor. Please consult your physician how to best use this blood pressure monitor if you suffer from any of these conditions. - Do not take any therapeutic measures on the basis of self-measurement. Never change prescribed medication without consulting your physician. Consult your physician if you have any questions about your blood pressure - If you are taking medication, consult your physician to determine the most appropriate time to measure your blood pressure - If the cuff pressure exceeds 300mmHg, the unit will deflate automatically. If the cuff does not deflate, the cuff pressure exceeds 300mmHg, detach the cuff from the arm and press the ‘on’ button to stop inflation - Do not attach the cuff on the same arm on which other monitoring medical electrical equipment is attached simultaneously, because this could cause temporary loss of function of those simultaneously-used monitoring medical electrical equipment - Never attach the cuff on injured skin, an injured arm under medical treatment as this can cause further injury - Do not use the device in case of existing polyester or nylon material allergies. This device is not washable. Never immerse the device in water and do not rinse it under the tap - This device is not suitable for continuous monitoring during medical emergencies or operations - This device cannot be used with HF (High Frequency) surgical equipment at the same time - Do not use the DC charger in or near a power outlet that contains an electric air freshener to cause damage to the DC charger - Keep the device away from fire and heat sources, as the battery can overheat, causing injury or death. After charging, remove the small plug from the device and remove the DC charger from the wall outlet - The equipment is not AP/APG equipment and is not suitable for use in the presence of a flammable anesthetic mixture with air, with oxygen or nitrous oxide. To avoid measurement errors, do not use the device near strong electromagnetic fields, radiated interference signal or electrical fast transient/burst signal. For example magnets, radio transmitters, microwave ovens.

- Do not disassemble, heat above 100°C (212°F) or incinerate - Do not use extension cord with this device - If you experience discomfort during a measurement, such as pain in the arm or other complaints, press the ‘on’ button to release the air immediately from the cuff. Loosen the cuff and remove it from your arm. On the rare occasion of a fault causing the cuff to remain fully inflated during measurement, open the cuff immediately. Prolonged high pressure (cuff pressure >300mmHg or constant pressure >15mmHg for more than 3 minutes) applied to the arm, may lead to bruises (ecchymosis). - Too frequent and consecutive measurements could cause disturbances in blood circulation and injuries - Beware of strangulation with the DC charger cord, particularly for children and infants due to cables - This device is not intended for use outside a home environment - Never use any accessories or parts from other manufacturers or that Philips does not specifically recommend. Using such accessories or parts could cause a hazardous situation for the user or damage to the device.

**Caution**

- Only use this device for its intended purpose as described in this user manual. - Do not confuse self-monitoring with self-diagnosis. This device allows you to monitor your blood pressure. Do not begin or end medical treatment based on the measurement results. Always consult your physician for treatment advice. - Always check the device and cuff before you use it. Do not use the device or cuff if one of them is damaged, as this may cause injury. - The effectiveness of this blood pressure monitor has not been established in pregnant (including pre-eclamptic) women.

- This device is not intended for use on extremities other than the arm or for functions other than obtaining a blood pressure measurement - Common arrhythmias (such as atrial or ventricular premature beats or atrial fibrillation) and peripheral artery disease/arteriosclerosis can affect the accuracy of this blood pressure monitor. Please consult your physician how to best use this blood pressure monitor if you suffer from any of these conditions. - Do not take any therapeutic measures on the basis of self-measurement. Never change prescribed medication without consulting your physician. Consult your physician if you have any questions about your blood pressure - If you are taking medication, consult your physician to determine the most appropriate time to measure your blood pressure - If the cuff pressure exceeds 300mmHg, the unit will deflate automatically. If the cuff does not deflate, the cuff pressure exceeds 300mmHg, detach the cuff from the arm and press the ‘on’ button to stop inflation - Do not attach the cuff on the same arm on which other monitoring medical electrical equipment is attached simultaneously, because this could cause temporary loss of function of those simultaneously-used monitoring medical electrical equipment - Never attach the cuff on injured skin, an injured arm under medical treatment as this can cause further injury. - Do not use the device in case of existing polyester or nylon material allergies. This device is not washable. Never immerse the device in water and do not rinse it under the tap - This device is not suitable for continuous monitoring during medical emergencies or operations - This device cannot be used with HF (High Frequency) surgical equipment at the same time - Do not use the DC charger in or near a power outlet that contains an electric air freshener to cause damage to the DC charger - Keep the device away from fire and heat sources, as the battery can overheat, causing injury or death. After charging, remove the small plug from the device and remove the DC charger from the wall outlet - The equipment is not AP/APG equipment and is not suitable for use in the presence of a flammable anesthetic mixture with air, with oxygen or nitrous oxide. To avoid measurement errors, do not use the device near strong electromagnetic fields, radiated interference signal or electrical fast transient/burst signal. For example magnets, radio transmitters, microwave ovens.

**Use this device under the right environmental conditions as indicated in this user manual. If not, this could affect the performance, lifetime of the device and measurement results. Only use the DC charger supplied to charge the device.**

- If you have any problems with this device, such as setting up, malfunction, maintaining or using, visit www.philips.com/support or call 1-844-531-6861 for assistance. - Do not open, disassemble or repair the device yourself. - Dispose of accessories, detachable parts, and the ME equipment according to the local guidelines. - Do not attempt to replace your blood pressure monitor’s battery. It is built-in and not changeable. - Avoid charging your blood pressure monitor in extremely high or low temperatures (see ‘Specifications’). - Do not clean the blood pressure monitor when it is being charged. Always unplug the charger first before cleaning the blood pressure monitor.

**Display**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sys.</strong></td>
<td>Systolic blood pressure</td>
<td>Maximum blood pressure; see also section systolic and diastolic pressure.</td>
</tr>
<tr>
<td><strong>Dia.</strong></td>
<td>Diastolic blood pressure</td>
<td>Minimum blood pressure; see also section systolic and diastolic pressure.</td>
</tr>
<tr>
<td><strong>Heart rate</strong></td>
<td>Number of heartbeats per minute (pulse is typically equivalent to heart rate)</td>
<td></td>
</tr>
<tr>
<td><strong>Battery status</strong></td>
<td>Indicates status of battery during charging.</td>
<td></td>
</tr>
<tr>
<td><strong>Measurement unit</strong></td>
<td>Measurement unit of blood pressure</td>
<td></td>
</tr>
<tr>
<td><strong>Irregular heart rate detector</strong></td>
<td>Irregular heart rate detection during the measurement.</td>
<td></td>
</tr>
<tr>
<td><strong>User IDs</strong></td>
<td>Start measurement for selected user, and transmit the measurement result</td>
<td></td>
</tr>
<tr>
<td><strong>Movement detector</strong></td>
<td>Moving during the measurement will result in an inaccurate result.</td>
<td></td>
</tr>
<tr>
<td><strong>Blood pressure classification</strong></td>
<td>Classification of measured blood pressure following WHO system (see ‘Blood pressure classification’).</td>
<td></td>
</tr>
<tr>
<td><strong>Bluetooth® symbol</strong></td>
<td>The device uses Bluetooth for communication.</td>
<td></td>
</tr>
</tbody>
</table>

**SAVE THESE INSTRUCTIONS**

**Introduction**

Congratulations on your purchase and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

**General**

The Philips upper arm blood pressure monitor with Bluetooth® enables you to perform blood pressure measurements, heart rate (pulse) measurements, transmit data via Bluetooth® to your mobile device and display your personal measurement results in the Philips HealthSuite health app. The device can also be used as a standalone device. This user manual contains important safety information and provides step-by-step instructions for using the blood pressure monitor.
These pressure oscillations are used to determine systolic and diastolic blood pressure as well as heart rate. While measuring heart rate, the device also determines the small variations between the individual heartbeats. If these variations exceed a pre-defined threshold, the irregular heart rate detector symbol lights up.

Systolic and diastolic pressure
The heart consists of two large chambers – the ventricles – and two smaller chambers – the atria. The ventricles collect blood from the atria and expel it towards the peripheral beds of blood vessels within the body and the lungs. The atria collect blood from these peripheral beds and prime the ventricles. When the ventricles contract and pump blood out of the heart, the blood pressure reaches its maximum value in the cycle, which is called systolic pressure (Fig. 3). When the ventricles relax and are filled again with blood, the blood pressure reaches its minimum value in the cycle, which is called diastolic pressure (Fig 4).

Blood pressure classification
Consult a physician in case of questions about your blood pressure. Your physician can inform you:
- About your normal blood pressure range.
- If your measuring result falls out of the range.
- Whether your blood pressure has reached a dangerous level.

The following table shows the classification system for the blood pressure measurements used in this device. This system follows the classification system of the World Health Organisation (WHO).

<table>
<thead>
<tr>
<th>Systolic pressure</th>
<th>Diastolic pressure</th>
<th>Blood pressure indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 120 mmHg</td>
<td>≤ 80 mmHg</td>
<td>normal blood pressure</td>
</tr>
<tr>
<td>&gt; 120 and ≤ 160</td>
<td>&lt; 80</td>
<td>optimal blood pressure</td>
</tr>
<tr>
<td>&gt; 160 and ≤ 200</td>
<td>&gt; 80</td>
<td>high blood pressure</td>
</tr>
</tbody>
</table>

Caution: The appearance of the irregular heart rate detector symbol indicates that a heart rate irregularity was detected during measurement. Usually this is not a cause for concern. Due to the irregularity in your heart rate the blood pressure measurement might not be accurate, i.e. it might not reflect the real situation in your body. However, if the symbol appears often, it is recommended that you seek medical advice. Please note that the device does not replace a cardiac examination.

Preparing for use
Pairing the blood pressure monitor to your mobile device
Note: Before you use the device for the first time, remove the protective foil from the display.

Caution: The appearance of the irregular heart rate detector symbol indicates that a heart rate irregularity was detected during measurement. Usually this is not a cause for concern. Due to the irregularity in your heart rate the blood pressure measurement might not be accurate, i.e. it might not reflect the real situation in your body. However, if the symbol appears often, it is recommended that you seek medical advice. Please note that the device does not replace a cardiac examination.

Measuring blood pressure
Tips for proper measurement
- Rest for 5 minutes before you measure your blood pressure.
- Wait at least 5 minutes between measurements. This allows your blood circulation to recover.
- For a meaningful comparison, try to measure under similar conditions. For example, take daily measurements at approximately the same time, on the same arm, or as directed by your physician.
- For a good Bluetooth connection between the blood pressure monitor and your mobile device, make sure the two are close and there are no obstacles between the two devices.

Note: You can only use the Philips HealthSuite health app to communicate with the device. It is not possible to use third party applications.

1. Download the Philips HealthSuite health app on your mobile device, start the app and follow the instructions to create a user profile and add the blood pressure monitor device.
2. Make sure the app is active and Bluetooth is on when pairing is in progress.
3. Keep the mobile device and the blood pressure monitor within transmission range (no more than 16 feet (5 meters) from each other, in the same room).
4. With the device turned off, press the ‘on’ button for 3 seconds, until it turns on in pairing mode.
5. The symbols are shown on the display alternatively, indicating that the connection is being established (Fig. 6) and (Fig. 7).
6. When pairing is successful, the display shows this symbol (Fig. 8). The app shows which user profile is assigned to you.
7. If the connection fails, the display shows this symbol (Fig. 9). The blood pressure monitor has a 2 user profiles. If both user profiles are in use, choose an existing profile to overwrite.
8. You can also delete both user profiles by pressing and holding the user ID button for approx. 10 seconds. The display of the device should show ‘ID removed’. All stored data is deleted and you have to follow steps 1-4 to pair and add a new user.
9. The blood pressure monitor shows the Bluetooth icon on the display as soon the connection has been established and switches off automatically after a few seconds.
10. When the blood pressure monitor is successfully paired with your mobile device, the blood pressure monitor automatically transmits your personal health data to your mobile device via Bluetooth™.

Note: Only when the Philips HealthSuite health app is active, your personal health data can be transmitted.
1. **Position yourself in the correct way for proper measurement.**

   - Within 1 hour after eating or drinking
   - Immediately after smoking
   - While bathing and within 20 minutes after taking a bath
   - While you are talking or moving your arm, hand or fingers
   - In a very cold environment
   - When you need to urinate

2. **Relax your arm and hand. Do not bend your elbow.**

3. **Sit comfortably with legs uncrossed, feet flat on the floor.**

4. **Make sure you do not wear tight clothing during measurement.**

5. **Activate the Philips HealthSuite health app and start measurement.**

   - The guest user is for performing a measurement without a user profile in the app. Measurements performed when using the guest user are not stored in the memory or transmitted to the app.

6. **Attach the cuff to your arm (see Attaching the cuff). Make sure your posture is correct (see Tips for proper measurement).**

7. **Press the ‘on’ button to start the measurement (Fig. 12).**

   - All display characters are briefly shown on the display (Fig. 14).

8. **The measurement results will be automatically transmitted and stored.**

   - The measurement results are displayed in the health app.

9. **If the data transmission fails, the Bluetooth symbol together with ‘Err’ is shown.**

10. **The measurement results will be automatically sent to your mobile device if the device has been added in the app.**

11. **When the blood pressure monitor connects via Bluetooth to the app of a user, the device will automatically select that user and measurements can only be done for that user.**

### Cleaning and storage

**Caution:** This device is not washable.

Never immerse the device in water and do not rinse it under running water.

**Avoid sudden movements and hard contacts with objects.**

**Never use compressed air, scouring pads, abrasive cleaning agents or aggressive liquids such as petrol or acetone to clean the device.**

1. **Switch off the device and unplug the DC charger from the electrical outlet.**

2. **Use a slightly damp or dry cloth to wipe the surface of the display (Fig. 17).**

3. **Store the device in a cool, dry, and ventilated environment where it will not be crushed, banged or subject to damage.**

   - For further information, please refer to the transport and storage specifications (see Specifications).

4. **Do not wrap the power cord around the device when you store it.**

   - This device has no other user-serviceable parts.

   For assistance call 1-844-531-6861.

### Accessories

Philips accessories may be purchased at a store near you, or on our website www.philips.com/store.

### Disposal

This device contains a rechargeable battery which must be disposed of properly. Contact your local town or city officials for battery disposal information. You can also call 1-800-8-BATTERY or visit www.rbrc.com for battery drop-off locations.

For assistance, visit our website www.philips.com/support or call toll free 1-844-531-6861.

### Full Two-Year Warranty

Philips Electronics North America Corporation warrants each new Philips product, model DL8760, against defects in materials or workmanship for a period of two years from the date of purchase and agrees to repair or replace any defective product without charge.

**THIS WARRANTY DOES NOT COVER ANY DEFECTIVE PRODUCT WITHOUT CHARGE.**

1. **Recalibration and information**

   - This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, the affixing of any attachment not provided with the product or loss of parts or subjecting the product to any but the specified voltage. NO RESPONSIBILITY IS ASSUMED FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

2. **Accessories**

   - Philips accessories may be purchased at a store near you, or on our website www.philips.com/support or call toll free 1-844-531-6861. It is suggested that for your protection you return shipments of product by insured mail, insurance prepaid. Damage occurring during shipment is not covered by this warranty.

   - NOTE: No other warranty, written or oral, is authorized by Philips Electronics North America Corporation. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion and limitations may not apply to you.

   - Read enclosed instructions carefully. Manufactured for Philips Consumer Lifestyle.

   - A division of Philips Electronics North America Corporation.

   - P.O. Box 10313, Stamford, CT 06904

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## Troubleshooting

This chapter summarizes the most common problems you could encounter with the device. If you are unable to solve the problem with the information below, visit www.philips.com/support for a list of frequently asked questions or call 1-844-531-6861 for assistance.

### Problem Possible cause Solution

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>My blood pressure fluctuates throughout the day.</td>
<td>For a meaningful comparison, try to measure under similar conditions. For example, take measurements daily at approximately the same time, on the same arm, or as directed by a physician.</td>
<td>Pay attention when you measure your blood pressure at home. Check for instance if the cuff is attached properly. If the cuff is too tight or too loose, try to relax. Take a deep breath 2-3 times before you start a measurement. Advice: Rest for 5 minutes before you measure your blood pressure.</td>
</tr>
<tr>
<td>Fluctuations of blood pressure during the day are normal.</td>
<td>Blood pressure fluctuates from minute to minute and normally shows a circadian rhythm over a 24-hour period, with highest readings in the afternoon and lowest readings at night. That is why, for comparable measurements, the measurements should be taken at approximately the same time of day.</td>
<td>The result is different when I perform measurements on my right arm. The blood pressure monitor is suitable to be used on both arms, but the measurement results on the right arm and left arm will differ. For a meaningful comparison, try to measure under similar conditions and measure on the same arm every time.</td>
</tr>
<tr>
<td>You are using medication.</td>
<td>The variations in blood pressure can be greater if you are using medication.</td>
<td>The blood pressure monitor does not work when I press the 'on' button. The rechargeable battery is empty. Recharge the battery (see 'charging').</td>
</tr>
<tr>
<td>You performed multiple measurements directly after each other.</td>
<td>Wait at least 3 minutes between measurements. This allows your blood circulation to recover.</td>
<td>The light of the display dims and a battery symbol +Lo is showing. The battery is low. Charge the battery (see 'charging').</td>
</tr>
<tr>
<td>The play displays E10 or E11.</td>
<td>The device detected motion, talking or the heart rate is too weak during the measurement.</td>
<td>Wait for 3 minutes and then measure again. Do not move during measurement.</td>
</tr>
<tr>
<td>The display shows E20.</td>
<td>The device does not detect the heart rate signal.</td>
<td>Make sure the device is in contact with the skin. Loosen the clothing on the arm and measure again.</td>
</tr>
<tr>
<td>The display shows E21.</td>
<td>The measurement failed.</td>
<td>Wait for 3 minutes and then measure again.</td>
</tr>
<tr>
<td>The display shows EExx.</td>
<td>A system error occurred.</td>
<td>Retake the measurement if the problem persists. Call 1-844-531-6861 for assistance.</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Product name</th>
<th>Philips upper arm blood pressure monitor with Bluetooth®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>3.7V 1000mAH built-in rechargeable Li-polymer battery. 6V 1A DC charger</td>
</tr>
</tbody>
</table>

### Measurement method
- Oscillometric method

### Measurement range
- Rated cuff pressure: 40mmHg - 300mmHg
- Measurement pressure: 40mmHg - 230mmHg
- Heart rate: 40-199 beats per minute

### Normal operating condition
- Temperature: 4°F to 104°F / -20°C to 40°C.
- Relative humidity: 85% RH.
- Atmospheric pressure: 86kPa to 106kPa

### Storage and transportation conditions
- Temperature: -4°F to 140°F / -20°C to 60°C.
- Relative humidity: 10% to 93%.
- Atmospheric pressure: 50kPa to 106kPa

### Measurement perimeter of the upper arm
- About 8 ¾ - 16 ½ inch (22- 42 cm)

### Net weight
- Approx. 3 oz / 265g

### External dimensions
- Approx. 5 1/8" x 2 7/8" x 1 3/16" (130mm x 73mm x 29.4mm)

### Accessories
- DC charger, user manual

### Mode of operation
- Continuous operation

### Degree of protection
- Type BF applied part

### Protection against ingress of water
- IP22. This means protected against access to hazardous parts with a finger and against vertically falling water drops when tilted up to 15 degrees.

### Device classification
- Battery Powered Mode Internally Powered ME Equipment. DC charger charged mode: Class II ME Equipment
Explanations of symbols

The warning signs and symbols are essential to ensure that you use this product safely and correctly and to protect you and others from injury. Below you find the meaning of the warning signs and symbols on the label and in the user manual.

Symbol for 'follow instructions for use'. This symbol means that the part of the device that comes into physical contact with the user (also known as the applied part) is of type BF (Body Floating) according to IEC 60601-1. The applied part is the cuff.

Compliant with the Waste Electrical and Electronic Equipment/Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (WEEE) recycling directives.

Indicates manufacturing date.

Symbol for 'direct current'.

Indicates the manufacturer's serial number so that a specific medical device can be identified.

Indicates manufacturer's catalog number of the appliance.

Fuse T1A/250V Φ3.6*10CCC.

Symbol for 'Class II Equipment'. The DC charger is double insulated (Class II) and complies with IEC 60601-1.

Symbol for indoor use only.

This means that this device emits non-ionizing radiation. All devices with RF transmitters or that use RF electromagnetic energy must have a label with this symbol.

Indicates caution. The user should consult the instructions for use for important cautionary information such as warnings and precautions that cannot, for a variety of reasons, be presented on the medical device itself.

 Electromagnetic emissions and immunity

The device is approved according to EMC safety standard IEC 60601-1-2. It is designed to be used in typical domestic environments.

Table 2 Guidance and manufacturer’s declaration – electromagnetic immunity – for all ME equipment and ME systems

Table 3 Guidance and manufacturer’s declaration – electromagnetic immunity – for all ME equipment and ME systems

Note: As indicated in IEC 60601-1-2 2007 for ME equipment, a typical cell phone with a maximum output power of 2 W yields equivalent to 3.3 mW/m^2 at a distance of 11 ft away from the equipment.

EMC Guidance

- The Blood Pressure Monitor needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the accompanying documents.
- Wireless communications equipment such as wireless home network devices, mobile phones, cordless telephones, and their base stations, walkie-talkies can affect this equipment and should be kept at least a distance equal to 3 m (11 ft) away from the equipment.
- The Blood Pressure Monitor needs special precautions regarding EMC.

Table 1 Guidance and manufacturer’s declaration – electromagnetic emissions - for all ME equipment and ME systems

Guidance and manufacturer's declaration – electromagnetic emissions

 attempted function. Nearby electronic equipment may be affected.

RF emissions

CISPR 11

Group 1

The device must emit electromagnetic energy in order to perform its intended function. Nearby electronic equipment may be affected.

Table 4 Guidance and manufacturer’s declaration – electromagnetic immunity – for ME equipment and ME systems that are not life supporting

Guidance and manufacturer’s declaration – electromagnetic immunity. The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.

Note: UT is the AC electrical voltage prior to application of the test level.
Table 6 Recommended separation distances between portable and mobile RF communications equipment and the ME equipment or ME system – for ME equipment and ME systems that are not life supporting

Recommended separation distances between portable and mobile RF communications equipment and the device.

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

<table>
<thead>
<tr>
<th>Separation distance according to frequency of transmitter (m)</th>
<th>Rated maximum output power of transmitter (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 kHz to 80 MHz</td>
<td>0.01 1.117 1.117 0.233</td>
</tr>
<tr>
<td>80 MHz to 800 MHz</td>
<td>0.1 0.369 0.369 0.738</td>
</tr>
<tr>
<td>800 MHz to 2.5 GHz</td>
<td>1 1.167 1.167 2.333</td>
</tr>
<tr>
<td>2.5 GHz</td>
<td>10 3.690 3.690 7.378</td>
</tr>
<tr>
<td>100</td>
<td>100 11.67 11.67 23.33</td>
</tr>
</tbody>
</table>

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer:

\[
d = \frac{P}{1.167}\sqrt{d}
\]

Field strengths from fixed transmitters, as determined by an electromagnetic site survey (a), should be less than the compliance level in each frequency range (b).

Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

(a) Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.

(b) Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3V/m

Radio interference

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 to 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.

RF Radiation exposure statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. For handheld/body-worn operation, this equipment has been tested and meets the FCC RF exposure guidelines. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Use of other accessories may not ensure compliance with FCC RF guidelines.

Do not attempt to repair or modify this equipment. Any repairs or alterations made by the user to the equipment may void the warranty and compliance of the equipment. Changes or modifications made to this equipment not expressly approved by Philips may void the FCC authorization to operate this equipment. For assistance visit our website www.philips.com/support or call toll-free 1-844-531-6868.

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