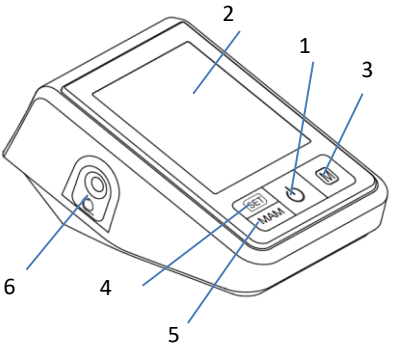
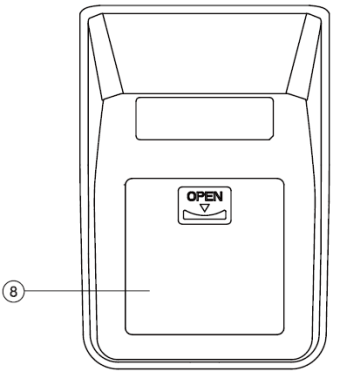
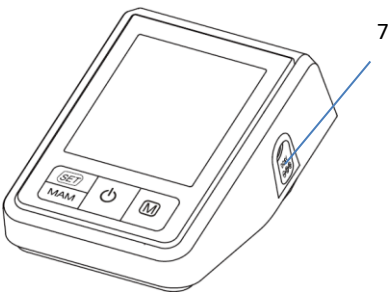
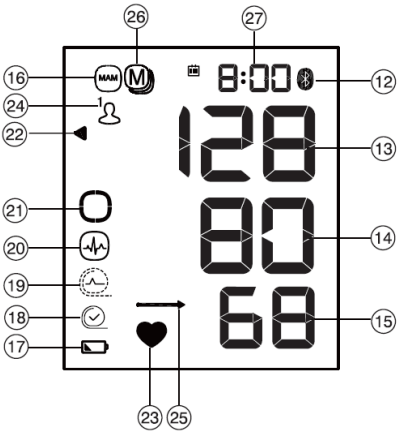

RITE AID
6:45
124
75
82
SYS
DIA
PUL
MAM
M
RITE AID
M – L size
for arms:
8.7 – 16.5 in
22 – 42 cm

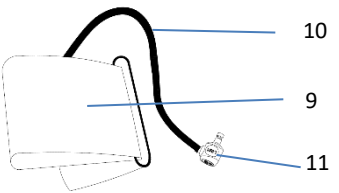
BP3KT1-4B

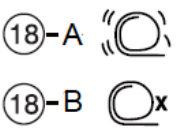

2
1
3
6
4
5
SET
MAM


OPEN
8


7
SET
MAM
M


26
27
16
MAM
M
8:00
12
24
22
128
13
21
80
14
20
19
18
68
15
17
23
25


10
9
11


18-A

18-B

1 ON/OFF button
2 Display
3 M-button (memory)
4 SET Button
5 MAM Button
6 Cuff socket
7 Mains Adapter Socket
8 Battery compartment
9 Cuff
10 Cuff tube
11 Cuff connector

Display

12 Active Bluetooth®
13 Systolic value
14 Diastolic value
15 Pulse rate
16 MAM Mode
17 Battery display
18 Cuff fit ok
18-A Arm movement indicator **«Err 2»**
18 -B Cuff pressure check **«Err 3»**
19 Cuff signal indicator **«Err 1»**
20 Irregular heartbeat (IHB) symbol
21 MAM Interval Time
22 Traffic light indicator
23 Pulse indicator
24 User Indicator
25 Average Indicator «MyCheck»
26 Stored value
27 Date/Time


Read the important information in these instructions for use before using this device. Follow the instructions for use for your safety and keep it for future reference.


Type BF applied part


Keep dry


Manufacturer


Batteries and electronic devices must be disposed of in accordance with the locally applicable regulations, not with domestic waste.

Authorized representative in the European Community

Catalogue number

Serial number (YYYY-MM-DD-SSSSS; year-month-day-serial number)


Caution


Humidity limitation


Temperature limitation

Medical device

Keep away from children of age 0 - 3

CE 0044
CE Marking of Conformity

Intended use:

The Upper Arm Blood Pressure Monitor, BP3KT1-4B is a device intended to measure the systolic and diastolic blood pressure and pulse rate of an adult individual by using a non invasive oscillometric technique in which an inflatable cuff is wrapped ar ound the upper arm for a circumference range from 22 t o 42cm

The device is suitable for use by adults, including adults with conditions of pregnancy, or preeclampsia.

The device detects the appearance of irregular heartbeat during measurement and gives a warning signal with the reading once the irregular heartbeat is detected.

The device can be used in connection with a smart phone via Bluetooth . The measurement data can be transferred to a smart phone running the Microlife Connected Health+ mobile software (App)

Table of contents

1. Using the device for the first time

Inserting the batteries

After you have unpacked your device, first insert the batteries. The battery compartment 10 is on the bottom of the device. Insert the batteries (4 x 1.5 V, size AA), thereby observing the indicated polarity.

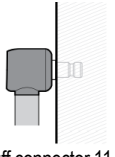
Setting the date and time

1. After the new batteries are fitted, the year number flashes in the display. You can set the year by pressing the M-button 3. To confirm and then set the month, press the SET button 4.
2. Press the M-button 3 to set the month. Press the SET button 4 to confirm and then set the day.
3. Follow the instructions above to set the day, hour and minutes.
4. Once you have set the minutes and pressed the SET button4, the date and time are set and the time is displayed.
5. If you want to change the date and time, press and hold the SET button 4 for approx. 7-8 seconds, SET will display on the screen firstly and then the year number starts to flash. Now you can enter the new values as described above.

Selecting the correct cuff

Only use Microlife cuffs.

- Contact your local Microlife Service if the enclosed cuff 9 does not fit.
- **Tube connection** Push the cuff connector 11 into the cuff socket 6 as far as it will go. Note: Please make sure the plug is totally inserted into cuff socket (see picture). A loose connection will result in inaccurate readings or "Err 3 ".



- Connect the cuff to the device by inserting the cuff connector 11 into the cuff socket 6 as far as it will go.

Selecting the user

This device allows to store the results for 2 individual users, 99 measurments per user. In addition, there is a guest mode in which results are not stored.

- Select the intended user (user 1 or user 2 or guest) by pressing and holding the SET button 4 for approx. 3-4 seconds until SET display on the screen and then replease the button. The User Indicator 24 start to flash. Then, press the M-button 3 to set the intended user. Press the SET button 4 to confirm.

☞ Before each measurement, ensure that the correct user is selected.

Selecting standard or MAM mode

Before each measurement, select standard (single measurement) or MAM mode (automatic triple measurement). In MAM mode, 3 measurements are automatically taken in succession and the result is then automatically analysed and displayed. Because the blood pressure constantly fluctuates, a result obtained in this way is more reliable than when a single measurement is performed.

- To select MAM mode, press the MAM button 5 , and then the MAM-symbol 16 appears on the display. To change to standard mode (single measurement), press the MAM button 5 again.
- The bottom, right hand section of the display shows a 1, 2 or 3 to indicate which of the 3 measurements is currently being taken.
- There is a break of 15 seconds between the measurements. A count down indicates the remaining time.
- The individual results are not displayed. Your blood pressure will only be displayed after all 3 measurements are taken.
- Do not remove the cuff between measurements.
- If one of the individual measurements was questionable, a fourth one is automatically taken.

2. Checklist for taking a reliable measurement

- Avoid activity, eating or smoking immediately before the measurement.
- Sit down on a back-supported chair and relax for 5 minutes. Keep your feet flat on the floor and do not cross your legs.
- **Always measure on the same arm** (normally left). It is recom- mended that doctors perform double arm measurements on a patients first visit in order to determine which arm to measure in the future. The arm with the higher blood pressure should be measured.
- Remove close-fitting garments from the upper arm. To avoid constriction, shirt sleeves should not be rolled up - they do not interfere with the cuff if they are laid flat.
- Always ensure that the correct cuff size is used (marking on the cuff).
  - Fit the cuff closely, but not too tight.
  - Make sure that the cuff is positioned 1-2 cm above the elbow.
  - The **artery mark** on the cuff (ca.3 cm long bar) must lie over the artery which runs down the inner side of the arm.
  - Support your arm so it is relaxed.
  - Ensure that the cuff is at the same height as your heart

3. Taking a blood pressure measurement

- Select standard (single measurement) or MAM mode (auto-matic triple measurement): see details in chapter 1.»
- Press the ON/OFF button 1 to start the measurement.
- The cuff will now pump up automatically. Relax, do not move and do not tense your arm muscles until the measurement result is displayed. Breathe normally and do not talk.
- The cuff fit OK 18 on the display indicates that the cuff is perfectly placed.
- When the correct pressure is reached, the pumping stops and the pressure falls gradually. If the required pressure was not reached, the device will automatically pump some more air into the cuff.
- During the measurement, the pulse indicator 23 flashes in the display.
- The result, comprising the systolic 13 and the diastolic 14 blood pressure and the pulse rate 15 are displayed. Note also the explanations on further display symbols in this booklet.
- When the device has finished measuring, remove the cuff.
- Switch off the device. (The monitor does switch off automatically after approx. 1 min.).

☞ You can stop the measurement at any time by pressing the ON/OFF button 1 (e.g. if you feel uneasy or an unpleasant pressure sensation).

☞ This monitor is specially tested for use in pregnancy and pre-eclampsia. When you detect unusual high readings in pregnancy, you should measure after a short while again (eg. 1 hour). If the reading is still too high, consult your doctor or gynecologist.

Manual inflation

In case of high systolic blood pressure (e.g. above 135 **mmHg),** it can be an advantage to set the pressure individually. Press the ON/OFF button 1 after the monitor has been pumped up to a level of approx. 30 mmHg (shown on the display). Keep the button pressed until the pressure is about 40 mmHg above the expected systolic value – then release the button.

How not to store a reading

As soon as the reading is displayed press and hold the ON/OFF button 1 until **«M»** 26 is flashing. Confirm to delete the reading by pressing the SET button 4.

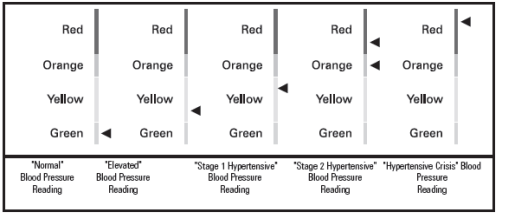
☞ **«CL»** is displayed when the reading is deleted from the memory successfully.

How do I evaluate my blood pressure

The LED traffic light indicator on the left-hand side of the display 22 indicates within which range the measured blood pressure lies. The colored indicator on the left-hand edge of the display has been designed to provide a quick visual representation of your blood pressure. Once a measurement has been completed, a black triangle will display onscreen next to the colored hypertension indicator. The height of the black triangle will show if the measurement is within the normal (green), borderline (yellow/orange) or danger (red) range.

This classification is based on standards established by the American Heart Association (AHA) and American College of Cardiology (ACC) in 2017.

If the black triangle is in the:
•green zone, your measurement is "Normal."
•lower yellow zone, it is "Elevated."
•upper yellow zone, it is "Stage 1 Hypertensive."
•orange zone, it is "Stage 2 Hypertensive."
•lower red zone, it is "Stage 2 Hypertensive."
•upper red zone, it is "Hypertensive Crisis."0



Average Indicator «MyCheck»
This symbol 25 indicates after each measurement, if the most recent measured value lies below, above or on the same level as your stored average value (see also chapter «4. Data memory»).

☞ If the measured Systole or Diastole is more than 5mmHg higher than the stored average, the arrow shows upwards.

☞ If the measured Systole or Diastole is more than 5mmHg lower than the stored average, the arrow shows downwards.

☞ If the measured Systole and Diastole do not differ by more than 5mmHg from the stored average, the arrow shows straight on.

☞ If the measured systole and diastole differ in different directions from the stored average, this is indicated first with the systole figure flashing, together with the up or down arrow for two seconds. Thereafter, the diastole figure flashes with the arrow pointing up or down for two seconds.

Appearance of the irregular heartbeat (IHB) symbol
This symbol 20 indicates that an irregular heartbeat was detected. In this case, the measured blood pressure may deviate from your actual blood pressure values. It is recommended to repeat the measurement.

Information for the doctor in case of repeated appearance of the IHB symbol:

This device is an oscillometric blood pressure monitor that also measures the pulse during blood pressure measurement and indicates when the heart rate is irregular.

4. Data memory

This device automatically stores up to 99 measurement values for each of the 2 users.
Select either user 1 or 2 by pressing and holding the SET button 4 for approx. 3-4 seconds until SET display on the screen and then replease the button. The User Indicator 24 start to flash. Then, press the M-button 3 to set the intended user. Press the SET button 4 to confirm.

Viewing the average of the last 28 days
Press the M-button 3 again. The display first shows **«M»** 26 and **«28A»**, which stands for the average measurement values of the last 28 days.

Viewing the stored single values
Pressing the M-button 3 again, allows you to see the last performed measurement. The display first shows **«M»** 26 and a value, e.g. «M17». This means that there are 17 single values in the memory. Pressing the M-button again displays the previous value. Pressing the M-button repeatedly enables you to move from one stored value to another.

Pay attention that the maximum memory capacity of 99 memories is not exceeded. **When the 99 memory is full, the oldest value is automatically overwritten with the 100 value.** Values should be evaluated by a doctor before the memory capacity is reached – otherwise data will be lost.

Clearing all values
Make sure the correct user is activated.
If you are sure that you want to permanently remove all stored values, hold down the M-button 3 (the device must have been switched off beforehand) until **«CL ALL»** appears and then release the button. To permanently clear the memory, press the SET button 4 while **«CL ALL»** is flashing. Individual values cannot be cleared.

Cancel deletion: press ON/OFF button 1 while **«CL ALL»** is flashing.

5. Battery indicator and battery change

Low battery

When the batteries are approximately ¾ empty the battery symbol 17 will flash as soon as the device is switched on (partly filled battery displayed). Although the device will continue to measure reliably, you should obtain replacement batteries.

Flat battery - replacement

When the batteries are flat, the battery symbol 17 will flash as soon as the device is switched on (flat battery displayed). You cannot take any further measurements and must replace the batteries.

1. Open the battery compartment 8 at the back of the device.
2. Replace the batteries – ensure correct polarity as shown by the symbols in the compartment.
3. To set date and time, follow the procedure described in Section«1. Using the device for the first time».

☞ The memory retains all values although date and time must be reset – the year number therefore flashes automatically after the batteries are replaced.

Which batteries and which procedure?

☞ Use 4 new, long-life 1.5 V, size AA alkaline batteries.

☞ Do not use batteries beyond their date of expiry.

☞ Remove batteries if the device is not going to be used for a prolonged period.

Using rechargeable batteries

You can also operate this device using rechargeable batteries.

☞ Only use «NiMH» type reusable batteries.

☞ Batteries must be removed and recharged when the flat battery symbol appears. They should not remain inside the device as they may become damaged (total discharge as a result of low use of the device, even when switched off).

☞ Always remove the rechargeable batteries if you do not intend to use the device for a week or more.

☞ Batteries cannot be charged in the blood pressure monitor. Recharge batteries in an external charger and observe the information regarding charging, care and durability.

6. Using a mains adapter

You can operate this device using the Microlife mains adapter (DC 6V, 600 mA).

Only use the Microlife mains adapter available as an original accessory appropriate for your supply voltage.

Ensure that neither the mains adapter nor the cable are damaged.

1. Plug the adapter cable into the mains adapter socket 7 in the blood pressure monitor.
2. Plug the adapter plug into the wall socket.

When the mains adapter is connected, no battery current is consumed.

7. Bluetooth® Function

Use the Bluetooth® function to transfer data to «Microlife Connected Health+» App on a smartphone (Android OS or iOS). Information available on: www.microlife.com/technologies/ connect

Bluetooth® operations

- Manually turn on Bluetooth®: Press SET button 4 to activate Bluetooth®, Bluetooth® symbol 12 on display will blink.
- Automatically turn on Bluetooth®: Bluetooth® will activate automatically after a measurement. Bluetooth® symbol 12 on display will blink.
- Manually turn off Bluetooth®: Press ON/OFF button 1 to turn off Bluetooth®.
- Automatically turn off Bluetooth®: Bluetooth® will turn off automatically after 2 minutes if a smartphone does not connect to the device.

Bluetooth® pairing & app setup

1. Open «Microlife Connected Health+» App on the smartphone (Make sure the app is running in the foreground, not in the background.)
2. Turn on Bluetooth® manually to connect device to smartphone.
3. When smartphone finds the device, the smartphone will show a message to pair with the device. Confirm on smartphone to

complete pairing. Cancel to abort pairing.

4. After pairing, the app will show a message to setup the device user selection (1 or 2) to the app user profile. Confirm to proceed with setup. Cancel to abort setup (if user selection is incorrect).
5. After setup, the device will automatically exchange measurement data and date/time settings with the app. Bluetooth® turns off automatically after data exchange.

Bluetooth® status

- Bluetooth® symbol 12 blinking slowly: Bluetooth® is activated and waiting for connection.
- Bluetooth® symbol 12 not blinking: Bluetooth® connection established.
- Bluetooth® symbol 12 blinking rapidly: Bluetooth® connection error.

☞ In case of Bluetooth® connection error, turn off device Bluetooth®, wait for a minute, then re-try Bluetooth® connection. Refer to chapter «8. Error messages» for details.

8. Error messages

If an error occurs during the measurement, the measurement is interrupted and an error message, e.g. **«Err 3»**, is displayed.

Error	Description	Potential cause and remedy
«Err1» 19 	Signal too weak	The pulse signals on the cuff are too weak. Re-position the cuff and repeat the measurement.*
«Err2» 18-A 	Error signal	During the measurement, error signals were detected by the cuff, caused for instance by movement or muscle tension. Repeat the measurement, keeping your arm still.
«Err3» 18-B 	Abnormal cuff pressure	An adequate pressure cannot be generated in the cuff. A leak may have occurred. Check that the cuff is correctly connected and is not too loose. Replace the batteries if necessary. Repeat the measurement. Please follow the procedure described in “Tube connection” to ensure the cuff is properly connected.

Error	Descrip-tion	Potential cause and remedy
«Err 5»	Abnormal result	The measuring signals are inaccurate and no result can therefore be displayed. Read through the checklist for performing reliable measurements and then repeat the measurement.*
«Err 6»	MAM Mode	There were too many errors during the measurement in MAM mode, making it impossible to obtain a final result. Read through the checklist for performing reliable measurements and then repeat the measurement.*
«HI»	Pulse or cuff pressure too high	The pressure in the cuff is too high (over 299 mmHg) OR the pulse is too high (over 200 beats per minute). Relax for 5 minutes and repeat the measurement.*
«LO»	Pulse too low	The pulse is too low (less than 40 beats per minute). Repeat the measurement.*
	Bluetooth® symbol 12 blinks rapidly	Bluetooth® connection error. Turn off the device Bluetooth® and close the app on the smartphone. Wait for 1 minute, open the app on the smartphone and manually activate Bluetooth® on the device, to re-try Bluetooth® connection and data transfer.
«Err bt»	Bluetooth® self check error	Bluetooth® is malfunctioning. Contact your local Microlife distributor.

** Please immediately consult your doctor, if this or any other problem occurs repeatedly.*

9. Safety, care, accuracy test and disposal

Safety and protection

- Follow instructions for use. This document provides important product operation and safety information regarding this device. Please read this document thoroughly before using the device and keep for future reference.
- This device may only be used for the purposes described in these instructions. The manufacturer cannot be held liable for damage caused by incorrect application.
- This device comprises sensitive components and must be treated with caution. Observe the storage and operating conditions described in the «Technical specifications» section.
- The cuffs are sensitive and must be handled with care.
- Only pump up the cuff once fitted.
- Do not use this device if you think it is damaged or notice anything unusual.
- Never open this device.
- Read the additional safety information provided within the individual sections of this instruction manual.
- The measurement results given by this device is not a diagnosis. It is not replacing the need for the consultation of a physician, especially if not matching the patient's symptoms. Do not rely on the measurement result only, always consider other potentially occurring symptoms and the patient's feedback. Calling a doctor or an ambulance is advised if needed.

  Ensure that children do not use this device unsupervised; some parts are small enough to be swallowed. Be aware of the risk of strangulation in case this device is supplied with cables or tubes.

Contra-indications

Do not use this device if the patient's condition meets the following contra-indications, to avoid inaccurate measurements or injuries.

- The device is not intended for measuring blood pressure in pediatric patients of age younger than 12 years old (children, infant, or neonates).
- Presence of significant cardiac arrhythmia during measurement may interfere with blood pressure measurement and affect the reliability of blood pressure readings. Consult with your doctor about whether the device is suitable for use in this case.
- The device measures blood pressure using a pressured cuff. If the measuring limb suffers from injuries (for example open wounds) or under conditions or treatments (for example intravenous drip) making it unsuitable for surface contact or pressurization, do not use the device, to avoid worsening of the injuries or conditions.

- Patient motions during measurement may interfere with the measurement process and influence results.

- Avoid taking measurements of patients with conditions, diseases, and susceptible to environment conditions that lead to incontrollable motions (e.g. trembling or shivering) and inability to communicate clearly (for example children and unconscious patients).
- The device uses oscillometric method to determine blood pres- sure. The arm being measure should have normal perfusion. The device is not intended to be used on a limb with restricted or impaired blood circulation. If you suffer with perfusion or blood disorders, consult your doctor before using the device.
- Avoid taking measurement on the arm on the side of a mastec- tomy or lymph node clearance.
- Do not use this device in a moving vehicle (for example in a car or on an aircraft).

WARNING

Indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury.

- This device may only be used for the intended uses described in this Instructions for Use. The manufacturer cannot be held liable for damage caused by incorrect application.
- Do not change the patient medication and treatment based the result of one or multiple measurements. Treatment and medica- tion changes should be prescribed only by a medical profes- sional.
- Inspect the device, cuff, and other parts for damage. DO NOT USE the device, cuff or parts if they appear damaged or oper- ating abnormally.
- Blood flow of the arm is temporarily interrupted during measure- ment. Extended interruption of blood flow reduces peripheral circulation and may cause tissue injury. Beware of signs (for example tissue discoloration) of impeded peripheral circulation if taking measurements continuously or for an extended period of time.
- Prolonged exposure to cuff pressure will reduce peripheral perfusion and may lead to injury. Avoid situations of extended cuff pressurization beyond normal measurements. In the case of abnormally long pressurization, abort the measurement or loose the cuff to depressurize the cuff.
- Do not use this device in oxygen rich environment or near flammable gas.

- The device is not water resistant or water proof. Do not spill or immerse the device in water or other liquids.
- Do not dissemble or attempt to service the device, accessory and parts, during use or in storage. Access to the device internal hardware and software is prohibited. Unauthorized access and servicing of the device, during use or in storage, may compromise the safety and performance of the device.
- Keep the device away from children and people incapable of operating the device. Beware of the risks of accidental ingestion of small parts and of strangulation with the cables and tubes of this device and accessories.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient, or cause damage to the device or other property.

- The device is intended only for measuring blood pressure at upper arm. Do not measure other sites because the reading does not reflect your blood pressure accurately.
- After a measurement is completed, loosen the cuff and rest for > 5 minutes to restore limb perfusion, before taking another measurement.
- Do not use this device with other medical electrical (ME) equip- ment simultaneously. This may cause device malfunction or measurement inaccuracies.
- Do not use this device in proximity of high frequency (HF) surgical equipment, magnetic resonance imaging (MRI) equip- ment, and computerized tomography (CT) scanners. This may cause device malfunction and measurement inaccuracies.
- Use and store the device, cuff and parts in temperature and humidity conditions specified in the «Technical specifications». Usage and storage of the device, cuff and parts in conditions outside ranges given in the «Technical specifications» may results in device malfunction and the safety of usage.
- Protect the device and accessories from the following to avoid damaging the device:
  - water, other liquids, and moisture
  - extreme temperatures
  - impacts and vibrations

- direct sunlight
- contamination and dust

- Stop using this device and cuff and consult with your doctor if you experience skin irritation or discomfort.

FCC

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
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.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Electromagnetic Compatibility Information

This device is compliant with EN60601-1-2: 2015 Electromagnetic Disturbances standard.
This device is not certified to be used in vicinity of High Frequency (HF) medical equipment.
Do not use this device close to strong electromagnetic fields and portable radio frequency communication devices (for example microwave oven and mobile devices). Keep a minimum distance of 3.3 m from such devices when using this device.

Device care

Clean the device only with a soft, dry cloth.

Cleaning the cuff

Carefully remove spots on the cuff with a damp cloth and soap-suds.

WARNING: Under no circumstances may you wash the inner bladder!

Accuracy test

We recommend this device is tested for accuracy every 2 years or after mechanical impact (e.g. being dropped). Please contact your local Microlife-Service to arrange the test (see foreword).

Disposal

Batteries and electronic devices must be disposed of in accordance with the locally applicable regulations, not with domestic waste.

10. Guarantee

This device is covered by a **5 year guarantee** from the date of purchase. During this guarantee period, at our discretion, Microlife will repair or replace the defective product free of charge.
Opening or altering the device invalidates the guarantee.
The following items are excluded from the guarantee:

- Transport costs and risks of transport.
- Damage caused by incorrect application or non-compliance with the instructions for use.
- Damage caused by leaking batteries.
- Damage caused by accident or misuse.
- Packaging/storage material and instructions for use.
- Regular checks and maintenance (calibration).
- Accessories and wearing parts: Batteries, power adapter .
- The cuff is covered by a functional guarantee (bladder tightness)
- Should guarantee service be required, please contact the dealer from where the product was purchased, or your local Microlife service. You may contact your local Microlife service through our website:

www.microlife.com/support

- Compensation is limited to the value of the product. The guarantee will be granted if the complete product is returned with the original invoice. Repair or replacement within guarantee does not prolong or renew the guarantee period. The legal claims and rights of consumers are not limited by this guarantee.

10 Technical specifications

Operating conditions: 10 - 40 °C / 50 - 104 °F
15-90 % relative maximum humidity

Storage conditions: -20 - +55 °C / -4 - +131 °F
15-90 % relative maximum humidity

Weight: 402 g (including batteries)

Dimensions: 138 X94.5 X62.5mm

Measuring proce- dure: oscillometric, corresponding to Korotkoff method: Phase I systolic, Phase V diastolic

Measurement range: SYS: 60 - 255 mmHg, DIA: 40 - 200mmHG
Pulse: 40 - 199 beats per minute

Cuff pressure display range: 0 - 299 mmHg

Resolution: 1 mmHg

Static accuracy: within ± 3 mmHg

Pulse accuracy: ± 5 % of the readout value

Wireless Communication: Bluetooth® Low Energy

IP Class: IP 20

Reference to standards:

IEC 60601-1;

IEC 60601-1-2 (EMC); IEC 60601-1-11

Expected service life: Device: 5 years or 10000 measurements, whichever comes first

Accessories: 2 years or 5000 measurements, whichever comes first

This device complies with the requirements of the Medical Device Directive 93/42/EEC.