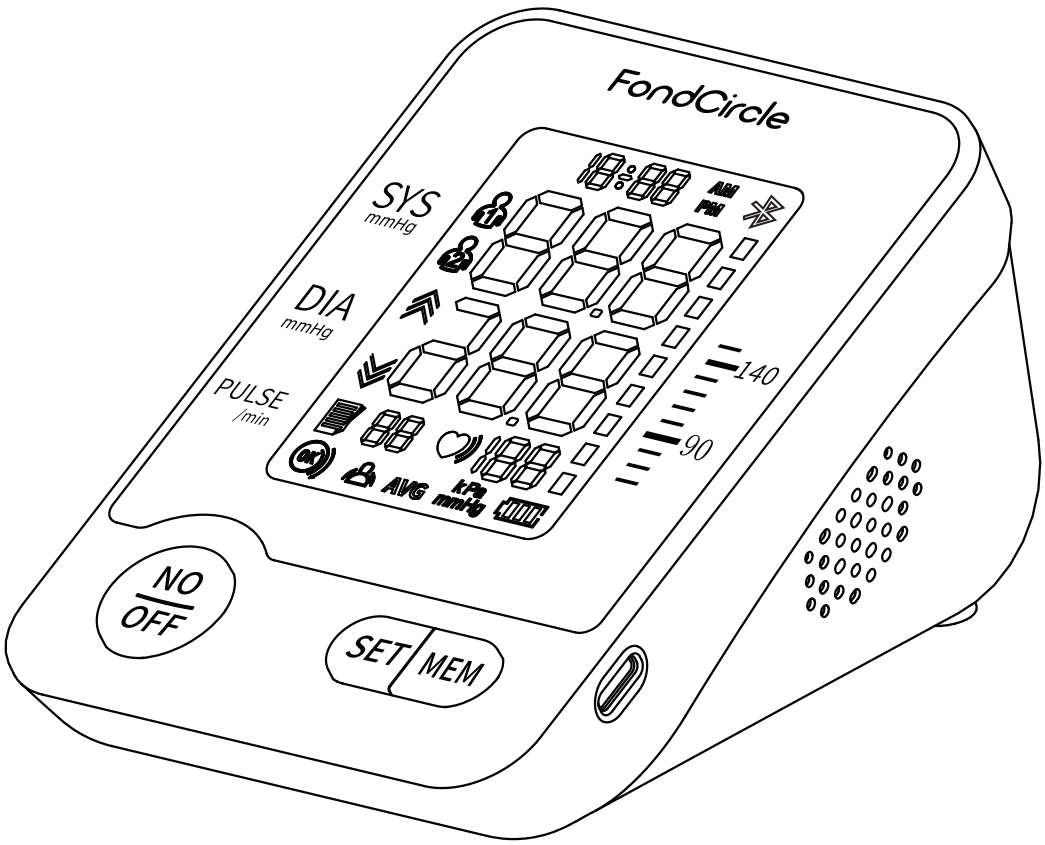
FondCircle

Smart Devices. Connected Care.

Arm Blood Pressure Monitor



User Manual

Model: FBP-A1

Version: 1.0.0_2508

FOREWORD

Thank you for purchasing the FondCircle Arm Blood Pressure Monitor. The monitor can be used to read and store measurement results for two users. It uses the oscillometric method of blood pressure measurement. This means this monitor detects your blood movement through your brachial artery and converts the movements into a digital reading.
This user manual contains important safety and care information, and provides step-by-step instructions for using this blood pressure monitor. FondCircle assumes no liability and provides no warranty for any damage (including indirect damage) resulting from failure to comply with this user manual. Please read through this user manual carefully before using the product and strictly follow all safety precautions.

Video Tutorials

Scan the QR code to watch the tutorial videos, which demonstrate how to use the Arm Blood Pressure Monitor safely.

Online Manual

Scan this QR code to get the manual as a PDF, which can be enlarged and viewed on your mobile device.

Quick Start Guide

Scan this QR code to download the Bluetooth Quick Start Guide as a PDF, which can be enlarged and viewed on your mobile device.

App Download
Scan the QR code with your phone or tablet to download the FondCircle App.

PACKAGE CONTENTS

No.	Name	Quantity
1	Arm Blood Pressure Monitor	1
2	Upper Arm Cuff (22-42 cm)	1
3	Storage Pouch	1
4	User Manual	1
5	Quick Start Guide	1
6	AAA Batteries	4

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IMPORTANT SAFETY INFORMATION

READ THE IMPORTANT SAFETY INFORMATION IN THIS USER MANUAL BEFORE USING THIS MONITOR.

Follow this user manual thoroughly for your safety. Keep for future reference. For specific information about your own blood pressure, consult with a physician.

WARNINGS

- Do not use this monitor on infants, toddlers, children, or persons who cannot express themselves.
- Do not use this monitor on an injured arm, an arm under medical treatment, or an arm with an intravascular access, arterio-venous (A-V) shunt, or other medical conditions that could interfere with blood flow.
- Consult with your physician before using this monitor if you have common arrhythmias such as atrial or ventricular premature beats, atrial fibrillation, arterial sclerosis, poor perfusion, diabetes, pregnancy, pre-eclampsia, renal disease, or if you have had a mastectomy.
- Consult with your physician before using this monitor if you have severe blood flow problems or blood disorders, as cuff inflation can cause bruising.
- Never diagnose or treat yourself based on your readings. Always consult with your physician for any

diagnosis or treatment related to high blood pressure or heart conditions.

- Do not adjust medication (including altering your use of any drug or treatment) based on readings from this blood pressure monitor. Take medication as prescribed by your physician. Only a physician is qualified to diagnose and treat high blood pressure and heart-related conditions.
- Do not postpone or stop regular checkups or physician visits based on the results from this monitor.
- Do not use this monitor in areas containing high-frequency (HF) surgical equipment, magnetic resonance imaging (MRI) equipment, computerized tomography (CT) scanners. This may result in incorrect operation of the monitor and/or cause inaccurate readings.
- Do not use this monitor in oxygen-rich environments or near flammable gas.
- Do not use this product in locations where RF is restricted, such as on an aircraft or in hospitals. Disable the Bluetooth® feature or remove the batteries and unplug the adapter when in RF-restricted areas.
- To help avoid strangulation, keep the air tube and adapter cable away from infants, toddlers, and children.
- This product contains small parts that may cause a choking hazard if swallowed by infants, toddlers, or children. If a child accidentally swallows any small parts, contact a doctor immediately.

- Stop using this monitor and consult with your physician if you experience skin irritation or discomfort during use.
- Do not use the adapter if this monitor or the adapter cable is damaged. If damaged, turn off the power and unplug the adapter immediately.
- Plug the adapter into the appropriate voltage outlet. Do not use in a multi-outlet plug.
- Never plug in or unplug the adapter from the electric outlet with wet hands.
- Do not disassemble or attempt to repair the adapter.
- Keep the batteries out of the reach of infants, toddlers, and children.
- Do not apply the arm cuff on your arm while on an intravenous drip or blood transfusion.

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 equipment or other property.

- Stop using this monitor and consult with your physician if you experience skin irritation or discomfort.
- Consult with your physician before using this monitor on an arm where intravascular access or therapy or an arterio-venous (A-V) shunt is present because of temporary interference to blood flow which could result in injury.

- Consult with your physician before using this monitor if you have had a mastectomy or lymph node clearance.
- Consult with your physician before using this monitor if you have severe blood flow problems or blood disorders as cuff inflation can cause bruising.
- Do not take measurements more often than necessary because bruising, due to blood flow interference, may occur.
- Only inflate the arm cuff when it is applied on your upper arm.
- Remove the arm cuff if it does not start deflating during a measurement.
- Do not use this monitor for any purpose other than measuring blood pressure.
- During measurement, make sure that no mobile device or any other electrical device that emits electromagnetic fields is within 12 inches (30 cm) of this monitor. This may result in incorrect operation of the monitor and/or cause an inaccurate reading.
- Do not disassemble or attempt to repair this monitor or other components. This may cause an inaccurate reading.
- Do not use in a location where there is moisture or a risk of water splashing this monitor. This may damage this monitor.
- Do not use this monitor in a moving vehicle such as in a car.
- Do not drop or subject this monitor to strong shocks or vibrations.

- Do not use this monitor in places with high or low humidity or high or low temperatures.
- During measurement, observe the arm to ensure that the monitor is not causing prolonged impairment to blood circulation.
- Do not use this monitor in high-use environments such as medical clinics or physician offices.
- Do not use this monitor with other medical electrical (ME) equipment simultaneously. This may result in incorrect operation of the devices and/or cause an inaccurate reading.
- Avoid bathing, drinking alcohol or caffeine, smoking, exercising and eating for at least 30 minutes before taking a measurement.
- Rest for at least 5 minutes before taking a measurement.
- Remove tight-fitting or thick clothing from your arm while taking a measurement.
- Remain still and do not talk while taking a measurement.
- Only use the arm cuff on persons whose arm
- circumference is within the specified range of the cuff.
- Ensure that this monitor has acclimated to room temperature before taking a measurement. Taking a measurement after an extreme temperature change could lead to an inaccurate reading. It is recommended that you wait for approximately 2 hours for the monitor to warm up or cool down when the monitor is used in an environment within the

- temperature specified as operating conditions after it is stored either at the maximum or at the minimum storage temperature.
- Do not crease the arm cuff or the air tube excessively. Do not fold or kink the air tube while taking a measurement. This may cause an injury by interrupting blood flow.
- To unplug the air plug, pull on the plastic air plug at the base of the tube, not the tube itself.
- Only use the arm cuff, batteries and accessories specified for this monitor. Use of unsupported adapters, arm cuffs and batteries may damage and/or may be hazardous to this monitor.
- Only use the approved arm cuff for this monitor. Use of other arm cuffs may result in incorrect readings.
- Inflating to a higher pressure than necessary may result in bruising of the arm where the cuff is applied.

Data Transmission

- Do not replace the batteries or unplug the adapter while your readings are being transferred to your smart device. This may result in incorrect operation of this monitor and failure to transfer your blood pressure data.
- When handling the USB-C cable:
  - Do not damage it.
  - Do not break it.
  - Do not tamper with it.
  - Do not forcibly bend or pull it.
  - Do not twist it.
  - Do not use it if it is gathered in a bundle.

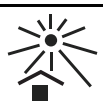
- Do not pinch it.
- Do not place it under heavy objects.

- Unplug the adapter when not in use.
- Unplug the adapter before wiping this monitor.

Battery Handling and Usage

- Do not insert batteries with their polarities incorrectly aligned.
- Only use 4 "AAA" alkaline or manganese batteries with this monitor. Do not use other types of batteries. Do not use new and used batteries together. Do not use different brands of batteries together.
- Remove the batteries if this monitor will not be used for a long period of time.
- If battery fluid should get in your eyes, immediately rinse with plenty of clean water. Consult with your physician immediately.
- If battery fluid should get on your skin, wash your skin immediately with plenty of clean, lukewarm water. If irritation, injury or pain persists, consult with your physician.
- Do not use batteries after their expiration date.
- Periodically check the batteries to ensure they are in good working condition.

SYMBOLS

Symbol	Description
	Warning information, refer to the attached document
	Type BF applied part
	Indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling
	Refer to user manual To signify that the user manual must be read Note: The background color of the symbol is blue
	Keep dry
	Low voltage prompt
	Keep out of the sun
	Vertical upward
IP21	The device is protected against splashing water. Water splashed against the enclosure from any direction shall have no harmful effects.
RoHS	RoHS mark
	Medical device

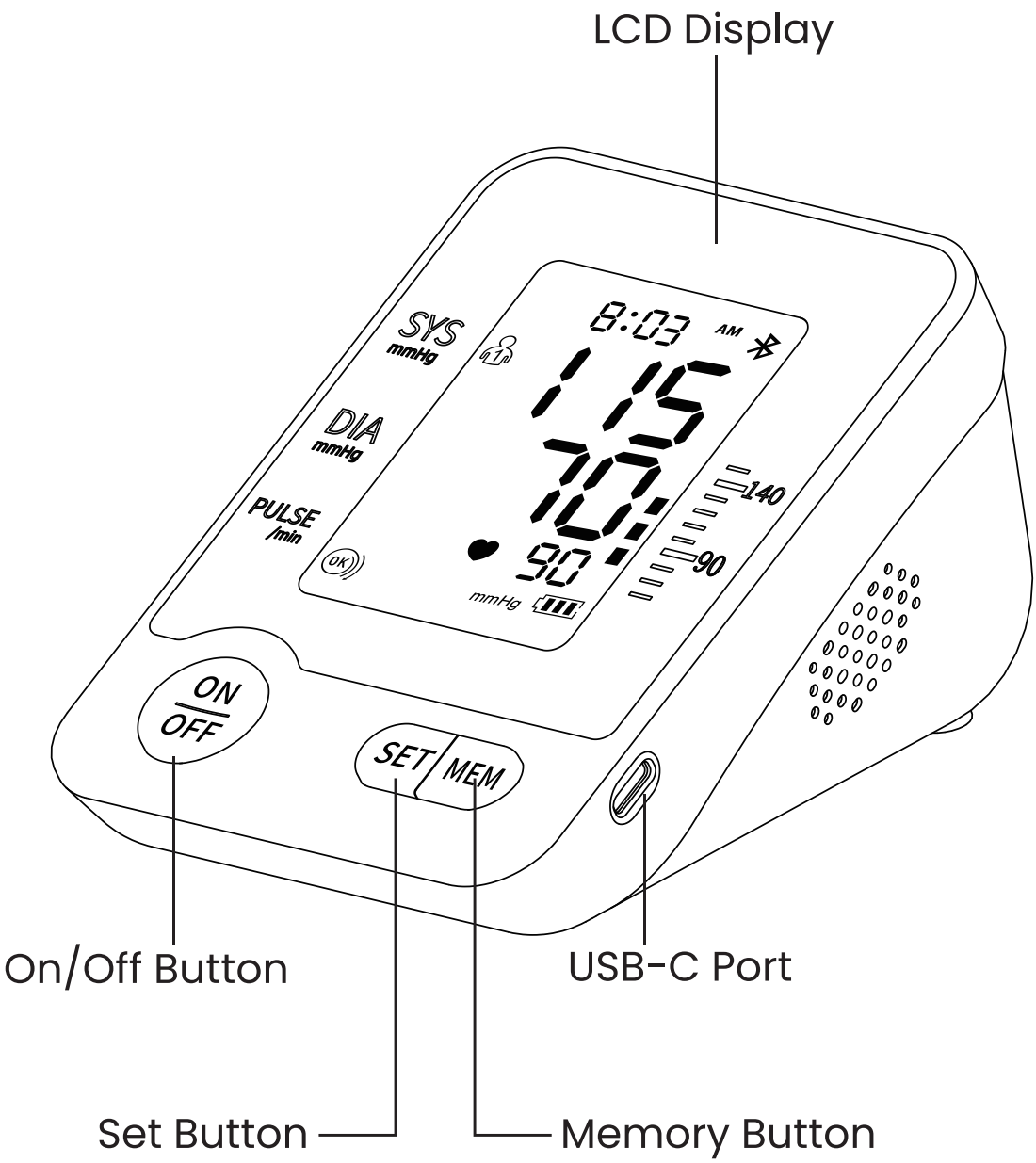
	MR unsafe
	Non-ionizing electromagnetic radiation
	Unique device identifier
	Manufacturer
	Date of manufacture
	Serial number
	Batch code

FEATURES

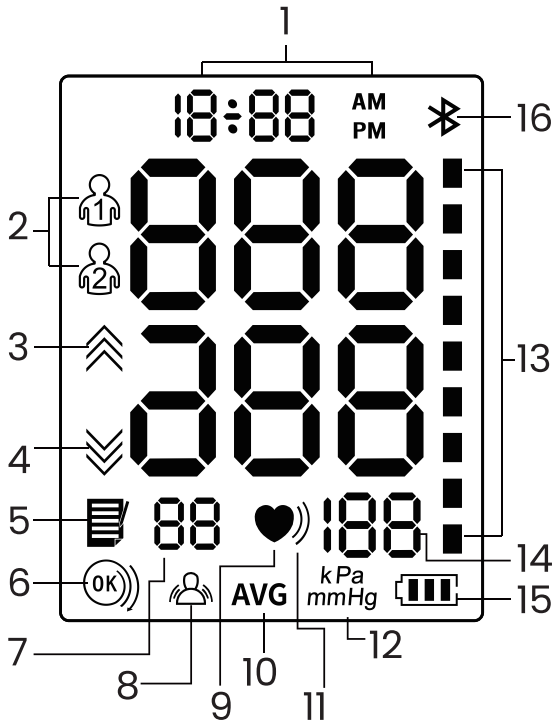
- 68 x 53 mm digital LCD display
- Maximum 99 records per user
- Date/time indication
- Excessive body motion detection
- Irregular pulse rate detection

PRODUCT DESCRIPTION

STRUCTURE



Display Screen



1. Date and Time
2. User Icon
3. Inflation Icon
4. Deflation Icon
5. Memory Icon
6. Detection for Cuff Wrapping Icon
7. Memory Number
8. Indication for Wrong Operation
9. Heartbeat Icon
10. Average Value
11. Irregular Heartbeat Icon
12. Unit of Pressure
13. Blood Pressure Classification
14. Pulse Rate
15. Low Battery
16. Bluetooth

INTENDED USE

The FondCircle Arm Blood Pressure Monitor is intended to measure the systolic pressure and diastolic pressure, as well as the pulse rate of adult person via non-invasive oscillometric technique at medical facilities or at home. The patient is an intended operator, and all the functions can be safely used.

INTENDED USERS

1. Lay person or clinical professionals.
2. Can read and understand the user manual.

CONTRAINDICATION

No known contraindication existing.

HOW TO USE

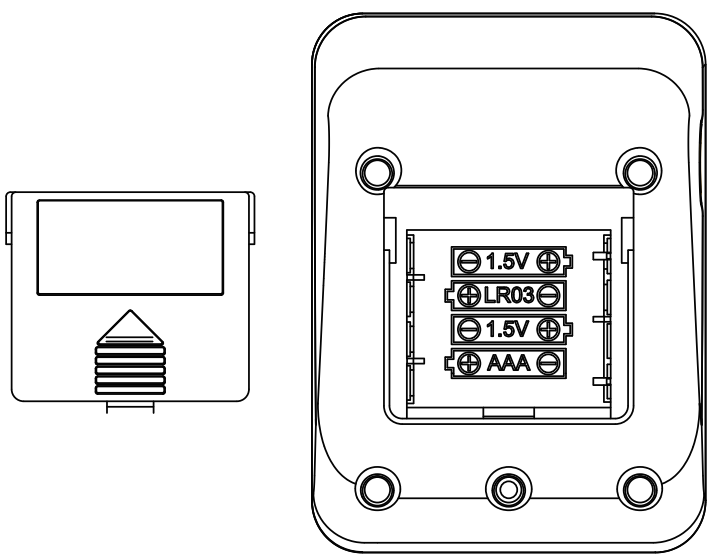
PREPARATION BEFORE USE

1. App

Before using the arm blood pressure monitor, download and install the FondCircle® app. Always use the latest version of the app. You can download it from Google Play or the App

2. Installing the Battery

- Open the battery cover.
- Install the batteries by matching the correct polarity, as shown.
- Replace the battery cover.



3. Replacing the Batteries

Replace the batteries whenever the following happens:

- The battery is low.
- The display is dim.
- The display does not light up.

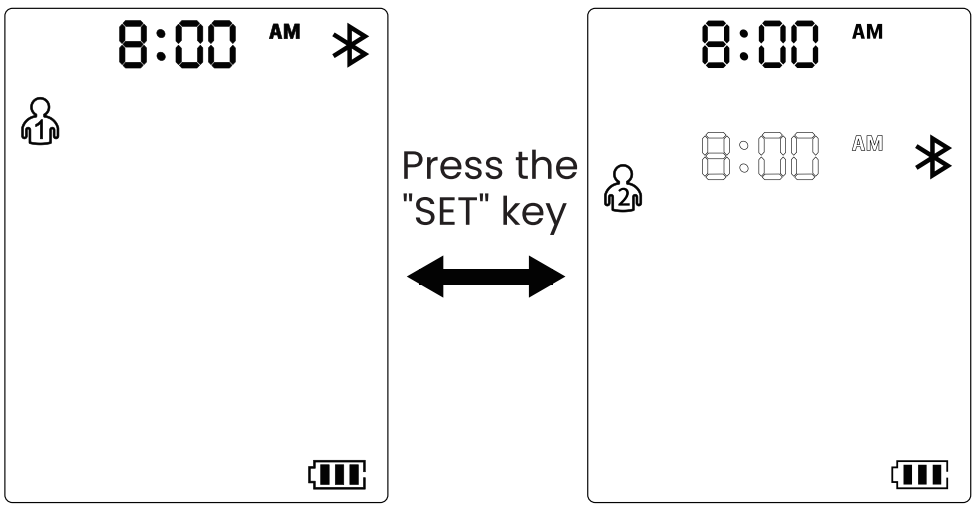
4. USB-C Connection for Power Supply

The product can also be used by plugging the device into a DC 5V external power supply through its USB-C port.

FUNCTION SETTING

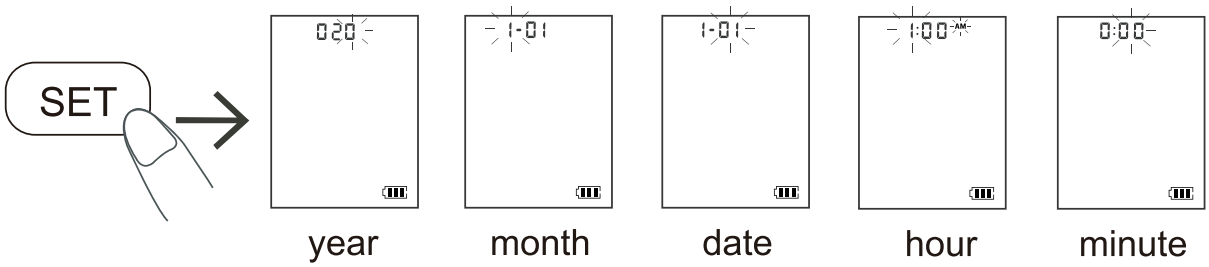
1. User Mode

In standby mode, press the "SET" button to enter the user group selection interface. Then press the "SET" button to switch and select user groups.



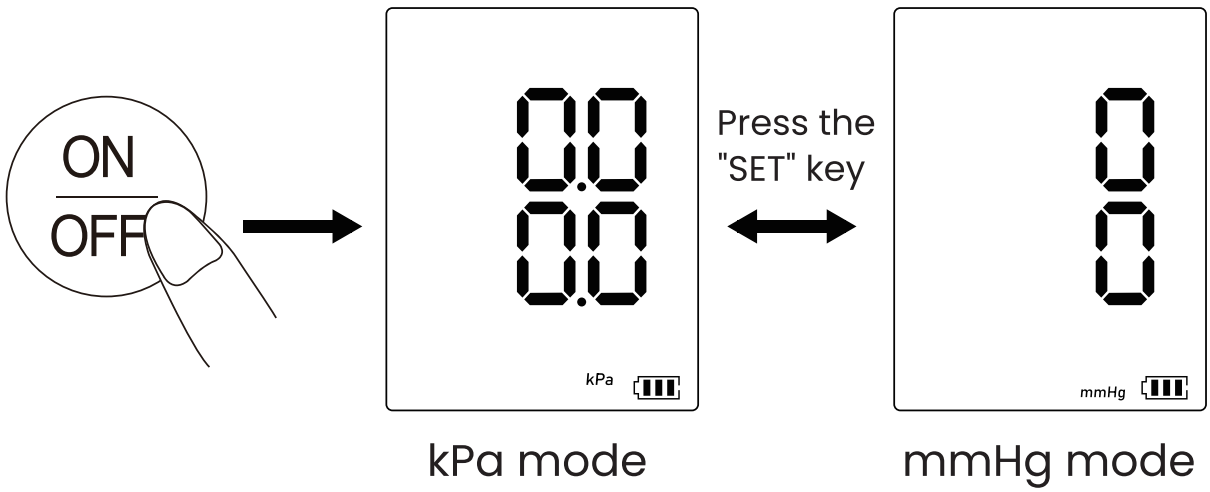
2. Setting the Date and Time

In standby mode, press "SET" for 3 seconds to enter the date setting, and "year" will flash. Press "MEM" to adjust to the desired year, then press "SET" to confirm the selection. When the "year" is set, it will automatically enter the month setting. At this time, the "month" icon will flash. You can switch to the desired value by pressing the "MEM" button. Follow the same step to set "date, " "hour, " and "minute."



3. Unit Display Setting

In standby mode, hold the "ON/OFF" button for about 10 seconds to enter the unit selection, and press "MEM" to switch between mmHg and kPa. Short press "SET" to confirm the selection. The default is mmHg.



HOW TO TAKE PROPER MEASUREMENTS

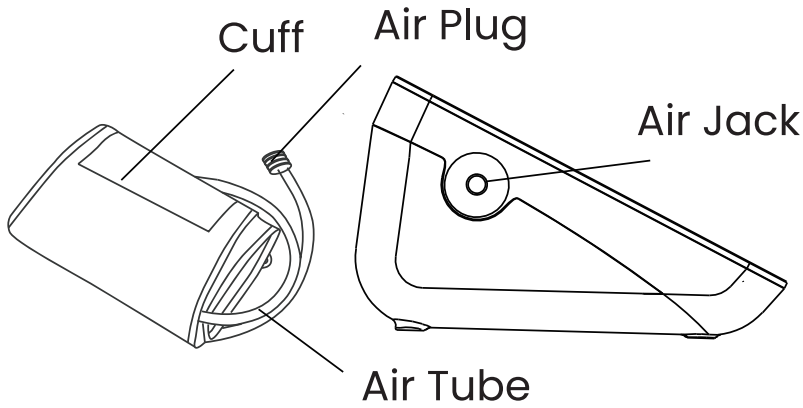
1. Preparation Before Measurement

- Remove any articles of clothing from the arm.
- Always measure in the same arm (generally the left arm).
- Remain still and keep quiet during measurement.
- Relax as much as possible and do not talk during measurement.

- Measure your blood pressure at about the same time every day.
- Do not measure right after physical exercise or a bath. Rest for 20 to 30 minutes before taking the measurement.
- Readings under the conditions listed below may affect.

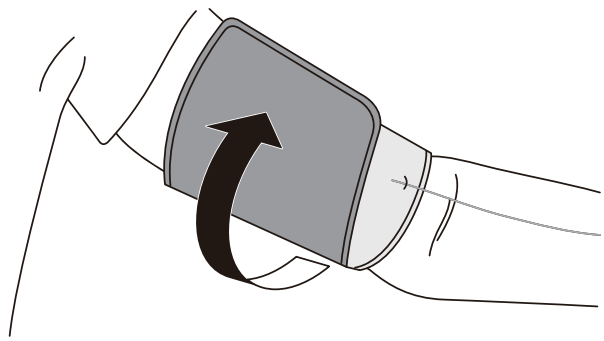
2. Applying the Arm Cuff

① Connect the arm cuff to your monitor by inserting the air plug into the air jack securely.

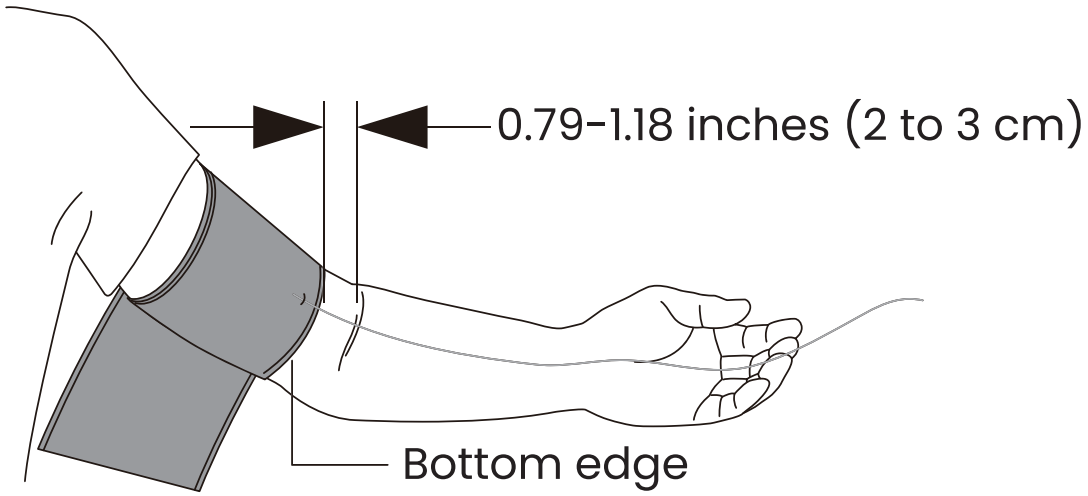


② Place your hand through the cuff loop. Pull the cuff until it reaches your upper left arm.





Note:
The bottom edge of the arm cuff should be 0.79-1.18 inches (2 to 3 cm) above the inside elbow. Make sure the air tube is on the inside of your arm and aligned with your middle finger.



Make sure that the air tube is positioned on the inside of your arm and wrap the cuff securely, so it can not move around your arm.

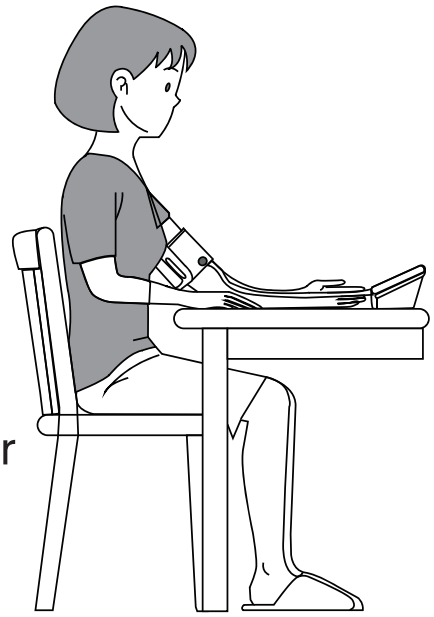
Note:
Repeated measurement will result in blood congestion in the arm, which will affect the measurement result.

How to avoid blood congestion and ensure the repeated measurement is accurate:
Raise the left hand and hold the fist several times, or take off the cuff and rest for at least 2-3 minutes before taking another measurement.

3. Sitting Correctly

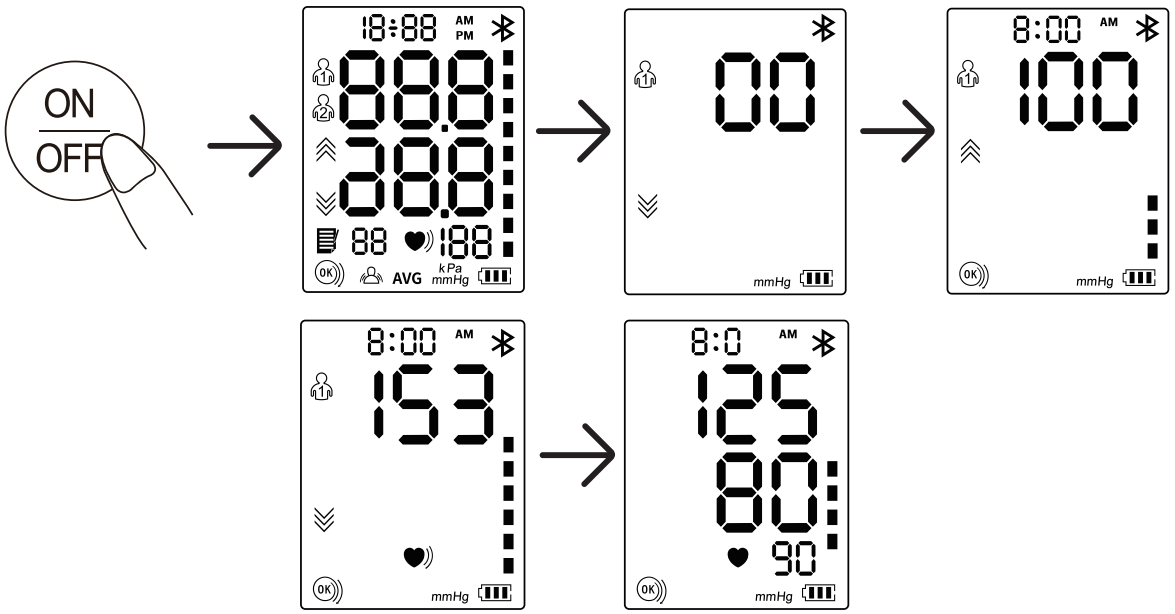
To take a measurement, you need to be relaxed and comfortably seated in a room with a comfortable temperature. Place your arm on the table.

- Sit in a comfortable chair with your back and arm supported.
- Keep your feet flat and your legs uncrossed.
- The arm cuff should be placed on your arm at the same level as your heart, with the arm resting comfortably on a table.



4. Taking a Measurement

Start measurement after wearing the cuff:
Press the "On/Off" button and the monitor will begin to inflate. Do not move or talk during the measurement.



⚠️If you feel uncomfortable during the measurement, press the "On/Off" button immediately to stop measuring. When the air pressure is filled to a certain value, the value on the display screen will slowly drop at a certain speed, and the heartbeat symbol will flash. After the measurement is completed, the systolic pressure, diastolic pressure, and pulse measurements will be displayed on the screen.

Note: Consult your doctor if unexpected readings are obtained.

5. Memory Function

- This monitor stores 99 records for two users. After each measurement, the monitor will automatically store the measurement data. When the memory is full, the old measurement data will be replaced with new one.
- In standby mode, press the MEM button once and the machine will display the average value of the blood pressure measured for the first three times. Press the MEM button again, the first memory will be displayed. Press the MEM button again and the rest memories will be replaced with a new one.

6. Delete Memory

Keep pressing the MEM button for 3 seconds to delete measurements stored on the device and the "  " icon will appear on the screen.

7. Self Check of Cuff Strap

The "" icon is always displayed on the screen when the cuff is worn correctly. When the cuff is worn too loosely, the "" icon will flash to remind you. If the "" icon is flashing repeatedly, press the "On/Off" button to stop the measurement.

8. "Keep Still"

The "" icon flashes when the body moves during the measurement, which may cause incorrect measurement results. Stop moving and measure again.

CARE AND CLEANING

Changes or modifications not approved by the manufacturer will void the user warranty.

Do not disassemble or attempt to repair this monitor or other components. This may cause an inaccurate reading.

CARE

Store your monitor and other components in a clean, safe location.

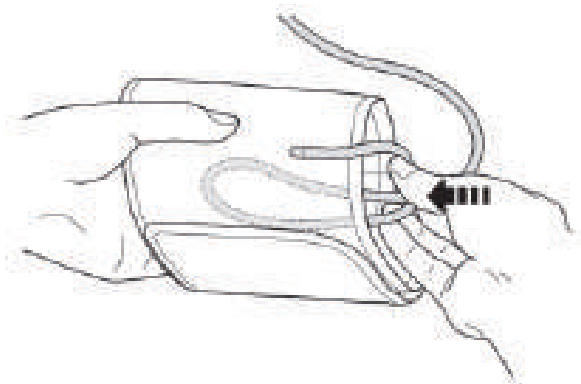
1. Remove the Arm Cuff from the Monitor

The air plug is designed to fit securely into the monitor so it does not accidentally unplug from the monitor when in use. When removing the arm cuff from the monitor, pull the air plug out from the monitor in a straight motion, holding the plug and not using the tube. You will hear a "click" sound as the cuff plug is removed from the monitor.

To unplug the air plug, pull on the plastic air plug at the base of the tube, not the tube itself.

2. Gently Fold the Air Tube into the Arm Cuff

Note:
Do not bend or crease the air tube excessively.



Do not store your monitor and other components:

- If your monitor and other components are wet.
- In locations exposed to extreme temperatures, humidity, direct sunlight, dust or corrosive vapors such as bleach.
- In locations exposed to vibrations or shocks.

CLEANING

- Do not use any abrasive or volatile cleaners.
- Use a soft, dry cloth or a soft cloth moistened with mild (neutral) detergent to wipe your monitor and arm cuff and then wipe them with a dry cloth.
- Do not wash or immerse your monitor and arm cuff or other components in water.
- Do not use gasoline, thinners, or similar solvents to wipe your monitor and arm cuff or other components.

ERRORS AND TROUBLESHOOTING

When the measurement is abnormal, the following symbols will appear. Please use the correct method for measurement.

LCD Display Information	Remark
Er U	The inflation can not reach 30 mmHg in 12 seconds
Er H	The inflation reaches 295 mmHG, but it deflates automatically after 20 ms
Er 1	The pulse rate is not detected correctly
Er 2	Too much disturbance (Movement, talking, or magnetic disturbance during a measurement)
Er 3	The test result is abnormal
Er 23	SYS value reads lower than 57 mmHg
Er 24	SYS value reads hinger than 255 mmHg
Er 25	DIA value reads lower than 25 mmHg
Er 26	DIA value reads hinger than 195 mmHg

If any abnormality arises during use, please check the following points:

<table>
<tr><th>Symptom</th><th>Potential Cause</th><th>Solution</th></tr>
<tr><td rowspan="3">The display does not light up</td><td>Batteries are depleted.</td><td rowspan="3">Replace with new batteries.
Insert the batteries or USB-C cable correctly.</td></tr>
<tr><td>Batteries are inserted incorrectly.</td></tr>
<tr><td>Adapter is inserted incorrectly.</td></tr>
<tr><td rowspan="2">Not pressurizing</td><td>The air tube plug is not inserted tightly.</td><td>Insert the air tube plug firmly into the jack.</td></tr>
<tr><td>The air tube is broken or leaking.</td><td>Purchase a new cuff.</td></tr>
<tr><td>Unable to measure due to display error</td><td>Excessive body motion is detected.</td><td>Relax for a few minutes. Keep still and measure again.</td></tr>
<tr><td rowspan="2">Air leakage in cuff</td><td>The cuff is too loose.</td><td>Tighten the cuff.</td></tr>
<tr><td>The air bag in the cuff is ruptured.</td><td>Replace with new cuff.</td></tr>
<tr><td colspan="3">Note:
If the product still does not work, contact Customer Service. Under no circumstance should you disassemble or attempt to repair the unit by yourself.</td></tr>
</table>

COMMON Q&A ON BLOOD PRESSURE

Q1: Why is the blood pressure value obtained at home lower than that obtained at the hospital?

- The blood pressure difference between home and hospital measurements is about 20-30 mmHg (2.7-4.0 kPa). This is because individuals tend to be more relaxed at home than at the hospital.
- In addition, when the device is placed at a position over the heart, the blood pressure value tends to be much lower than it actually is. Ensure the device is positioned right at the heart level.

Q2: Why is the blood pressure value obtained at home higher than that obtained at the hospital?

- The anti-hypertensive drug might has lost its efficacy. Adhere to your doctor's instructions.
- The cuff might not be in the correct position. If the cuff is not placed right, no arterial pressure value will be obtained, and the blood pressure value might be much higher than it is. Therefore, properly position the cuff.
- The cuff is not tight enough. If the cuff is loose, the compression force might fail to transmit to the artery, causing the blood pressure value to be much higher than it is. Therefore, re-adjust and tighten the cuff further.

- The patient is not sitting correctly during the measurement. Slouching, tilting, bending, and sitting cross-legged are not encouraged while taking blood pressure measurements due to increased abdominal pressure or the arm position being below the heart. Make sure to take readings in the correct posture.

Q3: When can I obtain better measurements?

- Measurements are best taken in the mornings right after you urinate or when your mind and body are stable. We recommend taking readings at the same time of the day, every time.

SPECIFICATIONS

Measurement Method	Oscillometric
Measuring Part	Upper arm
Measurement Range	Pressure: 0-295 mmHg (0-39.33 kPa) Pulse Value: SYS: 57-255 mmHg; DIA: 25-195 mmHg; Pulse Rate: 40-199 bpm
Measuring Accuracy	Pulse Value: ±3 mmHg (±0.4 kPa) Pulse Rate: 5%
Power Supply	4 AAA batteries or USB-C cable (not included)
Operating Conditions	Temperature: 5-40°C (41-104°F) Humidity: 15-95% RH, non-condensing Atmospheric pressure: 70-106 kPa
Storage & Transportation Conditions	Temperature: -20-55°C (-4-131°F) Humidity: 10-95% RH, non-condensing Atmospheric Pressure: 70-106 kPa
Auto Power-off	1 minute
Low Battery	4.2V±0.1V: Low battery 4.0V±0.1V: Item will be turned off
Display	Digital LCD
Operation Mode	Continuous operation
Cuff Size	22-42 cm
Anti Electronic Shock Degree	Type BF

Protection Against Harmful Ingress ofWater or Particular Matter	IP21
Protection Against Electric Shock	Internally powered supply
Device Dimensions	127 × 93 × 72 mm
LCD Size	68 × 53 mm
Weight	Approx. 256 g (excluding batteries)
Service Life	5 Years

The product was clinically investigated according to the requirements of ISO 81060-2.

ESSENTIAL PERFORMANCE

1. Measurement Range (Blood Pressure):

- SYS: 57-255mmHg
- DIA: 25-195 mmHg
- Pulse rate: 40-199 bpm

2. Accuracy of the cuff pressure :

- ±3 mmHg (±0.4 Kpa)
- Accuracy of the pulse rate: ±5%

Note: The specified power supply should meet the following condition:

- Output voltage: DC 5V
- Output current: 1000mA
- Comply with IEC 60601-1
- Class II
- Provide at least two MOPP insulation between AC input and DC output
- Comply with US and Canadian deviation requirements

STORAGE AND TRANSPORTATION CONDITIONS

STORAGE CONDITIONS

- Temperature Range: Store the monitor and accessories in an environment with a temperature between -20°C and 55°C (-4°F to 131°F) for optimal performance and longevity.
- Humidity Range: Keep the device in an area with relative humidity of 10% to 95% (non-condensing).
- Protection from Sunlight: Avoid direct exposure to sunlight to prevent damage to the device components.
- Avoid Dust and Corrosive Vapors: Do not store the device in dusty environments or areas exposed to corrosive substances (e.g., cleaning agents like bleach) to avoid damage or degradation.
- Avoid Moisture: Ensure the device and its components are stored in a dry location to prevent water damage.
- Stable Environment: Store the device in a location free from vibrations and mechanical shocks to maintain accuracy.

TRANSPORTATION CONDITIONS

- Packaging Protection: Transport the monitor in its original packaging or equivalent protective material to prevent damage from shocks, vibrations, or impact.
- Temperature Range: During transport, ensure the temperature remains within -20°C and 55°C (-4°F to

131°F) to prevent damage to the device.
- Humidity Range: Relative humidity during transport should be between 10% and 95% (non-condensing).
- Avoid Excessive Pressure: Ensure the device is not subjected to excessive pressure or heavy loads that could damage internal components.
- Protect from Moisture and Contamination: Transport in a sealed, dry environment to prevent exposure to moisture, dust, or contaminants.

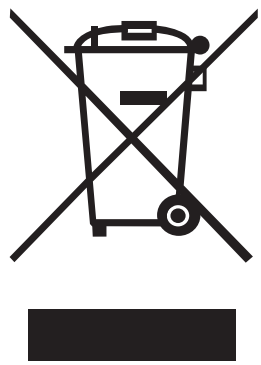
HANDLING PRECAUTIONS

Do not drop or subject the monitor to strong impacts during storage or transportation.

Ensure the air tube and cuffs are not bent, creased, or tightly compressed during storage or transport to prevent damage.

DISPOSAL

Dispose of the monitor at a licensed facility for electronic waste, ensuring safe recycling and disposal of hazardous materials.
Follow local regulations for battery disposal. Improper disposal can lead to environmental contamination or hazards.
Remove the battery if the monitor will not be used for an extended period and store it safely until disposal according to local laws.
Dispose of other components and accessories in accordance with local regulations.
Avoid improper disposal, such as using regular household waste or incineration, to prevent environmental pollution.
Familiarize yourself with local disposal regulations for electronic waste and medical devices to ensure compliance.



EMC STATEMENT

<table>
<tr><th colspan="3">Guidance and Manufacturer's Declaration:
Electromagnetic Emission</th></tr>
<tr><td colspan="3">The FondCircle Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of the Model FBP-A1 FondCircle Arm Blood Pressure Monitor should assure that it is used in such an environment.</td></tr>
<tr><th>Emissions</th><th>Compliance</th><th>Electromagnetic Environment: Guidance</th></tr>
<tr><td rowspan="2">RF Emissions
CISPR 11</td><td>Group 1</td><td>The FondCircle Arm Blood Pressure Monitor 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.</td></tr>
<tr><td>Class B</td><td>The FondCircle Arm Blood Pressure Monitor is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.</td></tr>
<tr><td>Harmonic Emissions
IEC61000-3-2</td><td>N.A.</td><td></td></tr>
</table>

Voltage Fluctuations/ Flicker Emissions IEC61000-3-3	N.A.	

Guidance and Manufacturer's Geclaration: Electromagnetic Immunity		
The FondCircle Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of FondCircle Arm Blood Pressure Monitor should assure that it is used in such an environment.		
Immunity Test	**IEC 60601 Test Level**	**Compliance Level**
Electrostatic Discharge (ESD) IEC 61000-4-2	±8kV contact ±2 kV,±4kV,±8 kV, ±15kV air	±8 kV contact ±2 kV,±4 kV, ±8 kV,±15 kV air
Electrical Fast Transient/Burst IEC 61000-4-4	Not applicable	Not applicable
Surge IEC 61000-4-5	Not applicable	Not applicable
Voltage Dips, Short Interruptions and Voltage Variations on Power Supply Input Lines Lec 61000-4-11	Not applicable	Not applicable
Power Frequency Magnetic Field IEC 61000-4-8	30A/m, 50/60Hz	30A/m, 50/60Hz

Conducted RF IEC61000-4-6	3V signal input/output; 0,15MHz-80MHz 6 V in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80% AM at 2Hz	3V signal input/output; 0,15MHz-80MHz 6 V in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80% AM at 2Hz
Radiated RF IEC61000-4-3	10 V/m 80 MHz - 2,7 GHz 80 % AM at 1 kHz	10 V/m 80 MHz - 2,7 GHz 80 % AM at 1 kHz
NOTE: U_T is the a.c. mains voltage prior to application of the test level		

Guidance and Manufacturer's Declaration: Electromagnetic Immunity

The FondCircle Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of the FondCircle Arm Blood Pressure Monitor should assure that it is used in such an environment.

Radiated RF IEC61000-4-3 (Test Specifications for ENCLOSURE PORT IMMUNITY to RF Wireless Communications Equipment)	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Max. Power (W)	Distance (m)	IEC 60601-1-2 Test Level (V/m)	Compliance Level (V/m)
	385	380-390	TETRA 400	Pulse Modulation 18 Hz	1,8	0.3	27	27
	450	430-470	GMRS 460, FRS 460	FM ± 5 kHz Deviation 1 kHz Sine	2	0.3	28	28

	710	704-787	LTE Band 13, 17	Pulse modulation 217 Hz	0,2	0.3	9	9
	745							
	780							
	810	800-960	GSM 800/ 900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	2	0.3	28	28
	870							
	930							
	1720	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217 Hz	2	0.3	28	28
	1845							
	1970							
	2450	2400-2570	Blueto oth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7 4, 25; UMTS	Pulse modulation 217 Hz	2	0.3	28	28
	5240	5100-5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	2	0.3	9	9
	5500							
	5785							

Guidance and manufacturer's Declaration Electromagnetic Immunity				
Radiated RF IEC61000-4-39 (Test specifications for ENCLOSURE PORT IMMUNITY to proximity magnetic fields)	Test Frequency	Moduation	IEC 60601-1-2 Test Level (Am)	Compliance level (Am)
	30 kHZ	CW	8	8
	134.2 kHZ	Pulse modulation 2.1 kHZ	65	65
	13.56kHZ	Pulse modulation 50 kHZ	7.5	7.5

Statement:

"The FBP-A1 of the Arm Blood Pressure Monitor was tested according to the recommendations of Technical Report IEC TR 60601-4-2: Medical electrical equipment – Part 4-2: Guidance and interpretation – Electromagnetic immunity; performance of medical electrical equipment and medical electrical systems."

WARRANTY AND CUSTOMER SUPPORT

Warranty

The device is covered by a 12-month warranty from the date of purchase, subject to the following terms and conditions.

The warranty does not cover:

- The batteries, packaging, or any other consumables.
- Damage resulting from improper use, including but not limited to:
  - Unauthorized disassembly or modification of the device.
  - Accidental dropping or impact during use or transportation.
  - Failure to follow the instructions provided in the user manual.

To claim warranty service, users must provide proof of purchase and comply with the terms outlined in the user manual.

Customer Support:

Email: support@fondcircle.com

Tel: 1-877-899-7770 (US)
(Mon-Fri, 8:00 AM-5:00 PM PST)

Web: www.fondcircle.com

⚠ **WARNING:**

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov.

Manufactured for FondCircle Inc.
4695 MacArthur Court, 11th Floor, Newport Beach, CA 92660
Email: support@fondcircle.com
Tel: 1-877-899-7770 (US) (Mon-Fri, 8:00 AM-5:00 PM PST)
Web: www.fondcircle.com

RoHS MD