

MOBI®

User Manual v2.6

Item 700027

Smart Bluetooth Arm Blood Pressure Monitor



**SCAN FOR VIDEO
INSTRUCTIONS**

Thank you for choosing the MOBI® Smart Bluetooth Arm Blood Pressure Monitor! Our app makes it easy to connect your device for hassle-free health tracking. Simply transmit your measurements wirelessly to your mobile device and access them anytime through the free MOBI® Smart App.

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What's In the Box

1. 1 x Blood Pressure Monitor
2. 1 x Arm Cuff (8.7"-16.5")
3. 1 x Carrying Bag
4. 4 x AA Batteries
5. 1 x User Manual

Product Information

The MOBI® Smart Bluetooth Arm Blood Pressure Monitor simplifies tracking, saving, graphing, and sharing your blood pressure data. Use it on its own or connect it to your smartphone to monitor, sync, and share your readings for a clearer overview. MOBI®'s app allows you to monitor all your vitals, including data from other "MOBI® Connect" devices, all conveniently in one app.

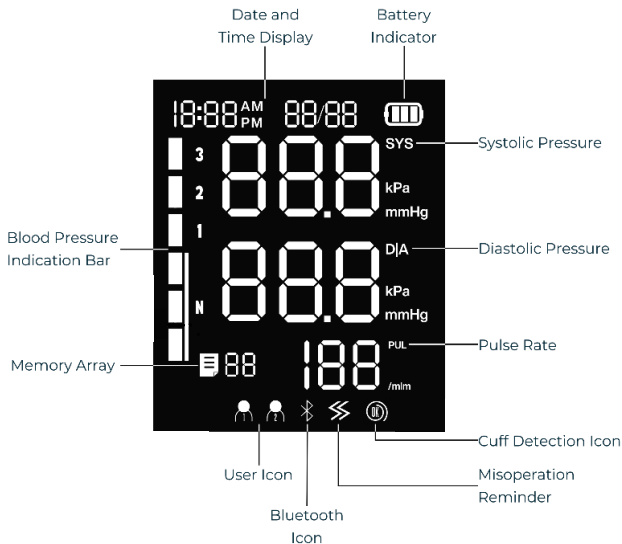
Intended use & Intended User &Intended patient population

The Electronic Blood Pressure Monitor is intended to measure the systolic and diastolic blood pressure as well as the pulse rate of adult person via non-invasive oscillometric technique at medical facilities or at home. The intended user is professional or lay user. The

device is intended to be used by adults over 12 years old.

Button and Icon Layout





Device Setup

1. Remove the battery cover and install included 4x AA batteries into the device.
2. If the device displays an  icon after being powered on, replace the batteries.
3. Insert the Air Plug from the cuff into the Air Jack outlet on the left side of the device.
4. To power **ON** press any button. To power **OFF**, hold the power button for 4 seconds.

Operating Device (Without the App)

Before measurement, avoid eating, smoking or any physical labor. Sit calmly for 10 minutes.

1. Ensure the device is **OFF** and place the cuff on a flat surface.
2. Clear any clothing and wrap the cuff around the designated arm.
 - a. The cuff must be placed about **0.8-1.2 inches** above the elbow joint, with space to fit two fingers.
3. Place the center of the cuff at the same height as the heart.
4. Place the lower arm on a flat **surface face hand palm upwards.**
5. If you have any questions on how to place the arm cuff, please refer to the illustration on page 12.
6. Once arm and arm cuff are placed correctly, power on the device.
7. Allow the cuff to tighten and measure your systolic and diastolic blood pressure.
8. Results will be displayed on the screen.
9. Press the "Memory" button to scroll up to 99 recorded measurements for two users.



10. If you have any questions on how to interpret the results, please refer to the illustration on page 13.
11. The MOBI® Smart Bluetooth Arm Blood Pressure Monitor saves your blood pressure readings in its memory when you're not connected to the app. When you reconnect to your phone, it sends all the stored readings to the app so you can see your complete history.

Operating Device (With the App)

Download the MOBI® Smart App



Google Play



App Store

- Ensure you have access to your email to verify your MOBI® Smart account.
- For the best experience, please grant the MOBI® Smart App access to the following Permissions:
 1. Location Access
 2. Local Network Access
 3. Bluetooth Access



1. Signup/Login to the MOBI® Smart App.
2. Ensure that Bluetooth is active on your smart phone.
3. Once in the MOBI® Smart App home screen, tap Add device, then select Arm Blood Pressure Monitor.
4. Follow the setup steps outlined in the MOBI® Smart App.
5. After successfully connecting, edit your device name for easier management or edit later.
6. After setting up your device, you'll be prompted to create a custom health profile.
 - a. The MOBI® Smart App will use this data to generate blood pressure health estimates.
7. The MOBI® Smart Bluetooth Arm Blood Pressure Monitor saves your blood pressure readings in its memory when you're not connected to the app. When you reconnect to your phone, it sends all the stored readings to the app so you can see your complete history.

SCAN THE QR FOR VIDEO INSTRUCTIONS



Correct Method of Use

Starting measurement:

When powered on and the cuff is worn correctly, the "cuff detection icon  " will illuminate, indicating you can begin the measurement:

(1) Press the "Power  " button. The device will auto-calibrate to zero, the cuff will inflate, and the screen will show the pressure changes.

(2) When reaching the stable pressure upon inflation, the air pump will stop the inflation, and the pressure in the cuff will be reduced gradually and displayed on the screen. If the inflated pressure is insufficient, the device will reinflate the cuff automatically for a higher pressure.

(4) After measurement, the systolic, diastolic pressures will be shown on the screen.

(5) The measurement results remain on the screen until you hold down the "Power  " button to switch off the device. If there is no operation, the device will be powered off automatically in the 30s.



Note: If the  icon appears, it indicates body movements during measurement, potentially leading to inaccurate results.

1. Using memory function

This blood pressure monitor supports 2 users, storing 99 readings each. When full, older data is overwritten. In the OFF state, press the "Memory  " button to view the latest result and continue pressing to scroll through past data.

2. Clearing stored measurement data

In memory mode, press and hold the "Memory  " button for 3 seconds to delete all records for both users.

How to Best Position the Arm Cuff



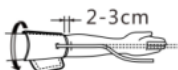
(1)Twine the cuff



(1-1)Twined cuff



(2)Wear the cuff



(3)The cuff is 2~3cm away from the elbow joint



(4) Paste magic tape



(5) Adjust the cuff
tight space for two
fingers

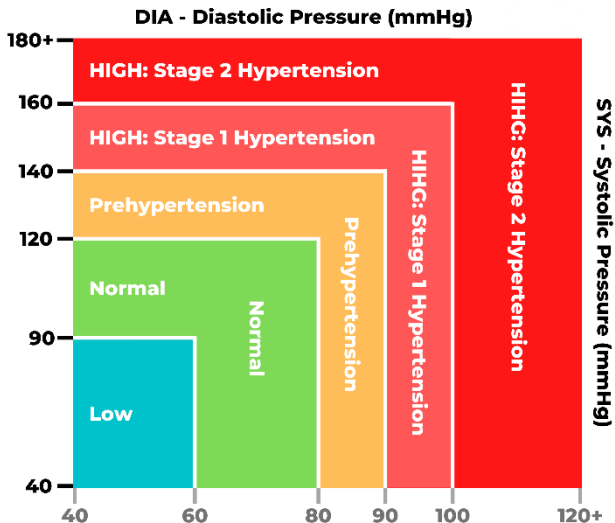


(6) Measurement posture



(7) Measure with the same arm

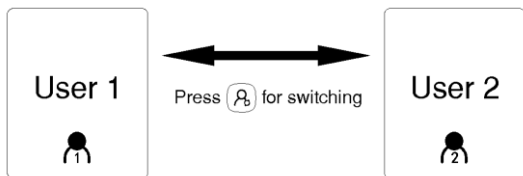
Classification standard for blood pressure condition



Function Setting Mode

1. User mode

Switch between “User 1” and “User 2” can be processed in the “OFF” state or upon the measurement completion, by short press on the “User  ” button.



2. Year/Month/Date/Time setting

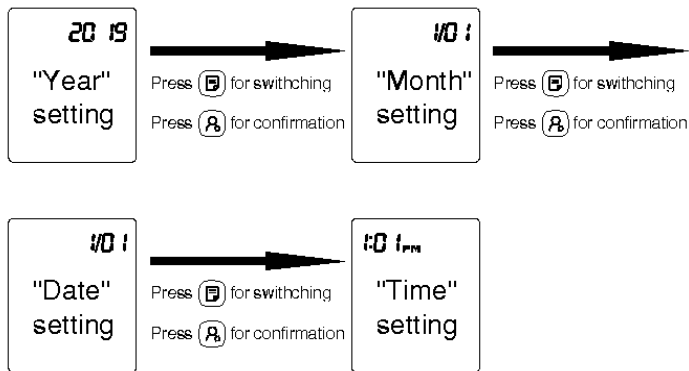
In the “OFF” state, enter the setting mode by pressing on the “User [User 2 icon]” button for 3 to 5s.

After entering the “Year” setting mode, the flashing 20XX will show on the screen. Press the “Memory [Memory icon]” button, and the value will be incremented between 2019 and 2099. Press the “User [User 2 icon]” button for “Year” value confirmation and move to the “Month” setting mode.

After entering the “Month” setting mode, 1/01 will flash on the screen. Press the “Memory [Memory icon]” button, and the value will be incremented among 1 and 12. Press the “User [User 2 icon]” button for “Month” value confirmation and enter the “Date” setting mode.

After entering the “Date” setting mode, 1/01 will flash on the screen. Press the “Memory  ” button, and the value will be incremented among 01 and 31. Press the “User  ” button for “Date” value confirmation and enter the “Time” setting mode.

After entering the “Time” setting mode, XX: XX will flash on the screen. Press the “Memory  ” button, and the “Hour” value will be incremented among 1~12 AM/PM. Press the “User  ” button for “Hour” value confirmation and enter the “Minute” setting mode. Press the “Memory  ” button, and the value will be incremented among 00 and 59.

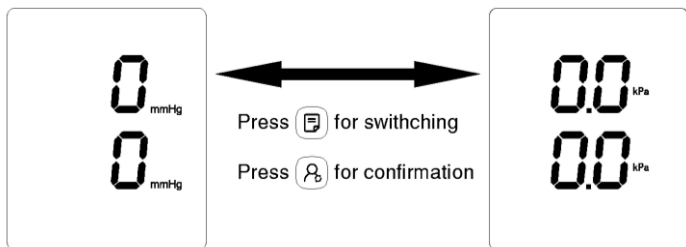


Note:

When setting time values, continue pressing the “Memory ” button till the correct values are well set. Value ranges are year (2019~2099), month (01~ 12), date (01~31), hour (1~12 AM/PM) and minute (00~59). When the ceiling value of a certain time sector is reached, the relevant value of the sector will start from the minimum individually.

3. Unit setting

Either 0 or 0.0 will show up on the screen, upon entering the “Time” setting mode, by pressing the “User ” button. Display of 0 indicates that the mmHg unit is selected; display of 0.0 indicates that the kPa unit is selected. The unit will be switched upon every press on the “Memory ” button. After the unit is selected, press the “User ” button again to save the unit setting.



Troubleshooting

If you have trouble using the device, please check the following instruction.

Problem	Possible cause	How to correct
No display when press the Power button	Low battery	Replace new batteries or use the USB for power supply.
	The polarities of batteries are installed wrongly.	Install the batteries in correct polarities.
No pressurizing	The air plug is loosely installed.	Make sure the air plug is securely inserted in the main unit.
	The air tube is broken or leaked.	Purchase a new cuff.
"Err 1" displayed	The sensor does not work.	Please contact us for after-sale service.
"Err 2" displayed	Proper Wear the cuff	Please check if the cuff wearing is correct and follow Page 12 for how to use the cuff.

“Err 3” displayed	The result of blood pressure is abnormal.	Please remeasure in the right way.
“Err 4” displayed	The cuff is twined too loose.	Please check if the cuff wearing is correct and follow Page 12 How to use the cuff.
	The air bag of cuff is ruptured.	Replace with a new cuff.
“Err 5” displayed	The air tube is detected to be obstructed in the early stage of pressurization.	Please check if the air tube is clogged or folded before measuring. Please measure again.
“Err 6” displayed	Pressurizing error caused by signal interference e.g. near mobile phone, arm or body motion etc.	Remove interfering source e.g. mobile phones, magnets, keep arm or body still. Measure again.
“Err 7” displayed	Pressure value exceeds the limit.	Do not touch the cuff during the measurement. Do not fold the air tube during the measurement.



Note: If your problem cannot be solved by the above, please contact customer service. Do not disassemble the device!

Specifications

Product Name	Smart Bluetooth Arm Blood Pressure Monitor	
Display Mode	Digital display mode	
Measuring Mode	Oscillo graphic method	
Measuring Body Part	Upper arm	
Measuring Range	Pressure value	0-295mmHg (0kPa-39.3kPa)
Static measurement accuracy	Pressure value	±3mmHg (±0.4kPa)
LCD display	Pressure	Unit: mmHg/ kPa
Storage capacity	It can store ninety-nine (99) groups of measurement data for each of two users	
Power supply	4 AA dry batteries /DC 5V USB external power supply	
Power Off Mode	Manual power-off/ Auto power-off	
Device weight (Without batteries)	About 0.8 lb	
Monitor Size	5.5 inches(length) *4.7 inches (width) * 2.5inches (height)	
Screen Size	3.1 inches (length) *3.7 inches (width)	
Cuff	Upper-arm-type cuff (Measured arm circumference 8.7-16.5 inches	

Annexure	Cuff, User Manual, Dry battery, Zipped Carrying Bag		
Battery Life	High-performance dry battery can be used for about 300 times at normal temperature		
Service Life	5 years		
Date of Production	See label		
Operating environment	Temperature Condition	41°F - 104°F	If the device is stored and used in the environment out of the designated temperature & humidity ranges, it cannot operate normally
	Humidity Condition	15%-85 %RH	
	Atmospheric Condition	70kPa-106kPa	
Transportation and Storage Environment	Avoid strong impact, direct impact, exposure, or rain during transportation. The packaged Blood Pressure Monitor shall be stored indoors at the temperature of -4°F~131°F and the relative humidity of 10%~93%, atmospheric Condition : 70kPa-106kPa, without corrosive gas and with good ventilation.		

Battery Safety

- Use the batteries recommended.
- Make sure the battery compartment is secure.
- Fit batteries correctly, observing the plus and minus marks on the battery and compartment.
- Store unused batteries in their packaging and keep away from metal objects which could



cause a short circuit. Remove dead batteries from the device.

- Remove batteries from the device if they will not be used for a prolonged period.
- Keep loose batteries away from young children.
- Seek medical advice if a battery has been swallowed.

Battery Warnings

- Never dispose of batteries in a fire. Never attempt to recharge ordinary batteries.
- Do not mix old and new batteries.
- Do not Mix Alkaline, Standard, or Rechargeable Batteries.

Changing the Battery

- You can access the battery by removing the door on device's underside.

Safety Precautions

- The warnings and illustrations shown in the User Manual enable you to use the product safely and correctly, thus preventing you and others from being injured, specifically as follows:
- Do not repair, disassemble, or modify the Electronic Blood Pressure Monitor without permission.
- Do not collide or drop the host to avoid collision or strong impact on the device.

- Indoor temperature, environment, noise, user's body position, speech or exercise might affect the blood pressure measurements. The body movement, magnetic field and improper wearing of cuff and sensor will affect the measurement as well.

Legend, mark and meaning	
	Warning message
	Type BF Applied Part (The applied part is the anti-electric shock)
	Compliance with WEEE Standard
	Refer to Operating Instructions
	This product complies with the MDR 2017/745 requirements.
IP21	IP21: The first number 2: Protected against solid foreign objects to 12.5mm Φ and greater. The second number: Protected against vertically falling water drops.
	Manufacturer
	Date of manufacture
	Temperature limitation

	Humidity
	Atmospheric Pressure

Warnings

-  Keep the device out of the reach of children under 12 and people who can't express their intention. When children of 12~18 use the device, they should be accompanied by adults. Pregnant women shall use under the guidance of doctors.
-  Do not wrap the cuff over a wound, as this can cause further injury.
-  This model of Electronic Blood Pressure Monitor is suitable for the arm circumference range of 8.7- 16.5 inches, and if the arm circumference exceeds this range, you might fail to obtain the correct measured value of blood pressure.
-  This model of Electronic Blood Pressure Monitor is not suitable for newborns or young children.
-  Blood pressure is constantly changing. You shall not judge the blood pressure condition with just one measurement result. The repeated measurement data over a period will be more reliable.

- ⚠ Do not make self-diagnosis according to the measurement results. Please consult your professional doctor with the measurement result record(s). The treatment based on the self-diagnosis of measurement results is very dangerous.
- ⚠ Keep unit and Arm cuff away from children as the included Arm cuff may present an entanglement or choking hazard to small children. Adult supervision required; never leave children unattended with unit or Arm cuff. Please follow the user manual instructions.

EMC Information-Guidance and Manufacture's Declaration

1* WARNING: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.”

2* WARNING: Use of accessories, transducers, and cables other than those specified or provided by the manufacturer of this

equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.”

3* WARNING: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 12 inches (30 cm) to any part of the ME equipment, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.”

Table 1

declaration - electromagnetic emission	
Emissions test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class B
Harmonic emissions IEC 61000-3-2	Not applicable
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable

Table 2

declaration - electromagnetic immunity		
Immunity test	IEC 60601 test level	Compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air
Electrical fast transient/burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	Not applicable
Surge IEC 61000-4-5	± 0.5 kV, ± 1 kV line(s) to lines ± 0.5 kV, ± 1 kV, ± 2 kV line(s) to earth	Not applicable
Voltage dips, short interruptions, and voltage variations on power supply input lines IEC 61000-4-11	0 % UT; 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° 0 % UT; 1 cycle and 70 % UT; 25/30 cycles Single phase: at 0° 0 % UT; 250/300 cycles	Not applicable
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m
NOTE: UT is the AC mains voltage prior to application of the test level.		

Table 3

declaration - electromagnetic immunity		
Immunity test	IEC 60601 test level	Compliance level
Conducted RF IEC 61000-4-6	3 V 0.15 MHz to 80 MHz 6 V in ISM bands between 0.15 MHz and 80 MHz	Not applicable
Radiated RF IEC 61000-4-3	10V/m 80 MHz to 2.7 GHz	10V/m

Table 4

declaration - IMMUNITY to proximity fields from RF wireless communications equipment					
Immunity test	IEC60601 test level				Compliance level
	Test frequency	Modulation	Maximum power	Immunity level	
Radiated RF IEC 61000-4-3	385 MHz	**Pulse Modulation: 18Hz	1.8W	27 V/m	27 V/m
	450 MHz	*FM+ 5Hz deviation: 1kHz sine	2 W	28 V/m	28 V/m
	710 MHz 745 MHz	**Pulse Modulation: 217Hz	0.2 W	9 V/m	9 V/m

	780 MHz				
	810 MHz 870 MHz 930 MHz	**Pulse Modulation: 18Hz	2 W	28 V/m	28 V/m
	1720 MHz 1845 MHz 1970 MHz	**Pulse Modulation: 217Hz	2 W	28 V/m	28 V/m
	2450 MHz	**Pulse Modulation: 217Hz	2 W	28 V/m	28 V/m
	5240 MHz 5500 MHz 5785 MHz	**Pulse Modulation: 217Hz	0.2 W	9 V/m	9 V/m

Note* - As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be the worst case.

Note** - The carrier shall be modulated using a 50 % duty cycle square wave signal.

FCC Statement

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..

Note: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Limited Product Warranty

MOBI® warrants its products to be free from defects in material and workmanship for a period of 90 Days from the date of purchase. Should the product prove to be defective at any time during the warranty period, we will either replace or repair the product at our option without charge. After the warranty period, a service charge will apply for replacement of parts and labor costs. To obtain warranty service, you must return the product complete with its original parts & accessories



along with a copy of the original purchase, gift, or registry receipt to us. This warranty does not cover damage caused by any tampering, accident, misuse, abuse, improper maintenance, unauthorized modification, or connection to an improper power supply. There will be a charge for repair caused for such damage. This warranty becomes void upon purchase from an unauthorized, third-party seller. This warranty excludes all incidental or consequential damages and any liability other than stated above.

If you experience issues setting up your device, visit www.mobiusa.com/gethelp.

Email us at **service@getmobi.com**.

You can also reach us on **+1 (323) 904-3000**, Monday - Friday, 8:30 AM - 5:00 PM PST.

Extended Manual

Scan to find the most up-to-date Instruction Manual & Warranty Details.





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