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**Easy Healthcare Corporation**

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Made in China

**Compatible with MedM App**



iOS QR Code

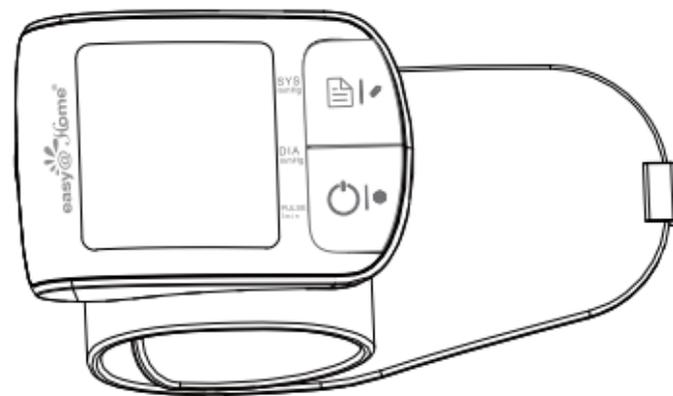


Android QR Code

V01: 20220915

**easy@Home<sup>®</sup>**

**Wrist Blood Pressure Monitor**



**Model: EBP-085**

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### ♥ General Description

The wrist blood pressure measurement features blood measurement, pulse measurement and result memory.

This manual contains important safety and care information, and provides step by step instructions for using this blood pressure monitor. Read the manual thoroughly before using this product.

Features:

- Systolic blood pressure
- Diastolic blood pressure
- Pulse rate
- 199 recorded readings for each user

### ♥ Indications for Use

This Easy@home® Wrist Blood Pressure Monitor is a digital monitor intended for use in measuring blood pressure and heartbeat rate with a wrist circumference ranging from 13.5 cm to 21.5 cm. It is intended for indoor, adult use only.

### ♥ Contraindications

1. The device is not suitable for use on the women who are or may be pregnant.
2. The device is not suitable for use on patients with implanted, electrical devices, such as cardiac pacemakers, defibrillators.

### ♥ Measurement Principle

This product uses the Oscillometric Measuring Method to detect blood pressure. Before every measurement, the unit establishes a “zero point” equivalent to the atmospheric pressure. Then it starts inflating the cuff. Meanwhile, the unit detects pressure oscillation generated by beat-to-beat pulsatile, which is used to determine the systolic pressure and diastolic pressure as well as pulse rate.

## ♥ Safety Information

The signs below might be in the user manual, labeling or other component. They are the requirement of standard and using.

	Refers to instruction manual/booklet to signify that the instruction manual/booklet must be read.		Symbol for "TYPE BF APPLIED PART"
	Date and Country of manufacture		The symbol indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.
	Symbol for "MANUFACTURER"		
	Symbol for "SERIAL NUMBER"		Caution Indicates that caution is necessary when operating the device or control close to where the symbol is placed, or that the current situation needs operator awareness or operator action to avoid undesirable consequences.
	Symbol for "RECYCLE"		
	Symbol for "DIRECT CURRENT"		
	Radio frequency transmitters		

## ⚠ CAUTION

- \* This device is intended for indoor, home use.
- \* This device is not intended for public use.
- \* This device is portable, but it is not intended for use during patient transport.
- \* This device is not suitable for continuous monitoring during medical emergencies or operations.
- \* This device is intended for no-invasive measuring and monitoring of arterial blood pressure. It is not intended for use on extremities other than the arm, or for any purpose other than obtaining a blood pressure measurement.
- \* This device is for adults. Do not use this device on neonates or infants. Do not use it on children unless otherwise instructed by a medical professional.
- \* Do not use on the women in pregnant, including pre-eclamptic, patients.
- \* The device is not suitable for use on patients with implanted, electrical devices, such as cardiac pacemakers, defibrillators.
- \* The effectiveness of this device has not been established for use:
  - on users with common arrhythmias such as atrial or ventricular premature beats or atrial fibrillation,
  - on users with peripheral arterial disease,
  - on users undergoing intravascular therapy, or with arteriovenous (AV) shunt.
 Consult a medical professional before use.
- \* Do not use this device for diagnosis or treatment of any health problem or disease. Contact your physician if you have or suspect any medical problem. Do not change your medications without the advice of your physician or health care professional.
- \* If you are taking medication, consult your physician to determine the proper time to measure your blood pressure.

 CAUTION

- \* This device may be used only for the intended use described in this manual, the manufacturer shall have no liability for any incidental, consequential, or special damages caused by misuse or abuse.
- \* Report any unexpected operation or events to the manufacturer.
- \* Do not apply the cuff on an arm that has an intravenous drip or a blood transfusion attached.
- \* Warning: Do not kink, fold, stretch, compress, or otherwise deform the tube during measuring, as the cuff pressure might continuously increase, which could prevent blood flow and result injury.
- \* Warning: Taking blood pressure measurements too frequently could disrupt blood circulation and cause injuries.
- \* Warning: Do not apply cuff to areas on patient where skin is delicate or damaged. Check cuff site frequently for irritation.
- \* Warning: Do not place the cuff on the arm of a person whose arteries or veins are undergoing medical treatment, i.e. intra-vascular access or intra-vascular therapy or an arteriovenous (A-V) shunt, which could disrupt blood circulation and cause injuries.
- \* Do not place the cuff on the arm on the same side of a mastectomy (especially when lymph nodes have been removed). It is recommended to take measurements on the unaffected side.
- \* Do not wrap the cuff on the same arm to which another monitoring device is applied. One or both devices could temporarily stop functioning if you try to use them at the same time.
- \* Please check that the operation of the device do not result in prolonged impairment of patient blood circulation.
- \* Warning: On the rare occasion of a fault causing the cuff to remain fully inflated during measurement, loosen and remove the cuff immediately. Prolonged high pressure applied to the arm (cuff pressure >300 mmHg or constant pressure >15 mmHg for more than 3 minutes) might lead to bruising and discolored skin.

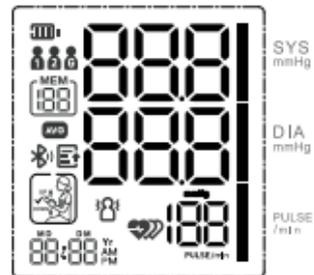
 CAUTION

- \* Warning: Do not use this device with high-frequency (HF) surgical equipment at the same time.
- \* Warning: This device is not AP/APG equipment. Do not use the device where flammable anesthetic are present, or in environments mixture with air of with oxygen or nitrous oxide.
- \* The device contains sensitive electronic components. To avoid measurement errors, avoid taking blood pressure measurements near a strong electromagnetic field radiated interference signal or electrical fast transient/burst signal.
- \* Wireless communication equipment, such as wireless home network devices, mobile phones, cordless telephones and their base stations, walkie-talkies may cause interference that may affect the accuracy of measurements. A minimum distance of 1 foot (30 cm) should be kept from such devices during a measurement.
- \* You can use this device to take your own measurement, no third-party operator is required.
- \* Please use the device under the environment which is provided in the user manual. Otherwise, the performance and lifetime of the device will be impacted and reduced.
- \* The device may require up to 30 minutes to warm up / cool down from the minimum / maximum storage temperature before it is ready for use.
- \* Warning: Excessive cuff tube lengths could cause strangulation if you don't manage them properly.
- \* Warning: Do not touch output of the batteries/adaptor and the user simultaneously.
- \* Adapter is specified as a part of ME EQUIPMENT.
- \* Warning: The power cord is considered the disconnect device for isolating this equipment from supply mains. Do not position the equipment so that it is difficult to reach or disconnect.
- \* The blood pressure monitor, its adapter, and the cuff are suitable for use within the patient environment.
- \* Warning: Do not use this device if you are allergic to polyester, nylon, or plastic.

### ⚠ CAUTION

- \* Warning: Only use accessories approved by manufacturer. Using unapproved accessories might cause damage to the unit and injure users.
- \* Warning: If you experience discomfort during a measurement, such as pain in the arm or other complaints, press the Power button immediately to release the air from the cuff.
- \* No calibration is required within two years of reliable service.
- \* Do not attempt to repair the unit yourself if it malfunctions. Only have repairs carried out by authorized service centers.
- \* At the request of authorized service personnel, circuit diagrams, component part lists, descriptions, and calibration procedures will be made available by the manufacturer or distributor.
- \* It is recommended that the performance should be checked after repair, maintenance, and every two years of use, by retesting the requirements in limits of the error of the cuff pressure indication and air leakage (testing at least at 50 mmHg and 200 mmHg).
- \* Warning: Do not use the device while under maintenance, or being serviced.
- \* Store your device, cuff and adapter in a clean and dry place, protect it against extreme moisture, heat, lint, dust and direct sunlight. Never place any heavy objects on it.
- \* Make sure the rubber tube of the cuff is not squeezed, stretched, or kinked during storage.
- \* Warning: Keep the device, cuff, and batteries away from children as they may pose a risk of choking or strangulation if used improperly.
- \* Clean both device and cuff with a soft, dry cloth. If necessary use a dampened cloth and natural detergent. Do not use alcohol, benzene, or other harsh chemicals.
- \* Do not wash the cuff in a washing machine or dishwasher!
- \* The service life of the cuff may vary by the frequency of washing, skin condition, and storage state. The typical service life is 10000 times.
- \* Dispose of accessories, detachable parts, and the device according to the local guidelines.

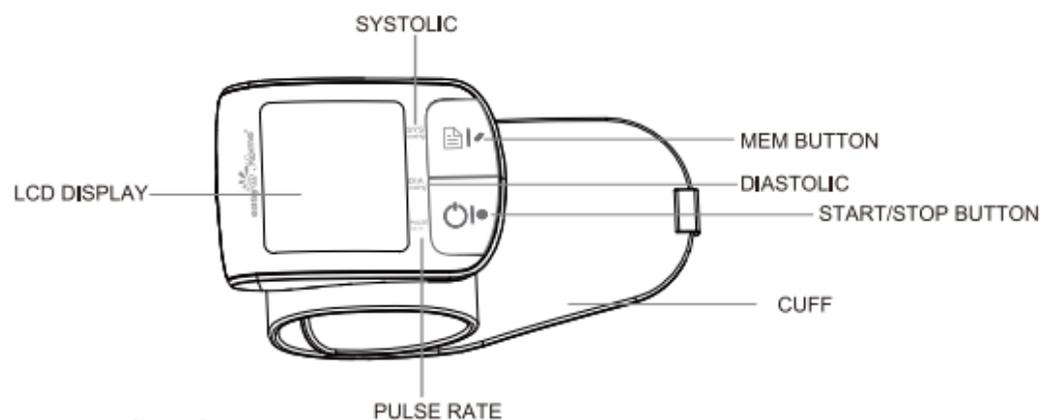
### ♥ LCD Display Symbol



SYMBOL	DESCRIPTION	EXPLANATION
<b>SYS</b>	Systolic blood pressure	The Highest pressure measured.
<b>DIA</b>	Diastolic blood pressure	The Lowest pressure measured.
<b>Pulse</b> /min	Pulse Display	Pulse in beats per minute.
<b>1 2 G</b>	User ID	User 1/2/Guest
<b>08:08 AM</b>	Current Time	Time(year:month:day:hour:minute)
<b>♥</b>	Heartbeat	Heartbeat detection during measurement
<b>👤</b>	Excessive Body Motion Detector	Appears when talking, moving, or hand shaking is detected during the measurement. NOTE: The measured blood pressure reading may not be accurate if this icon is displayed.

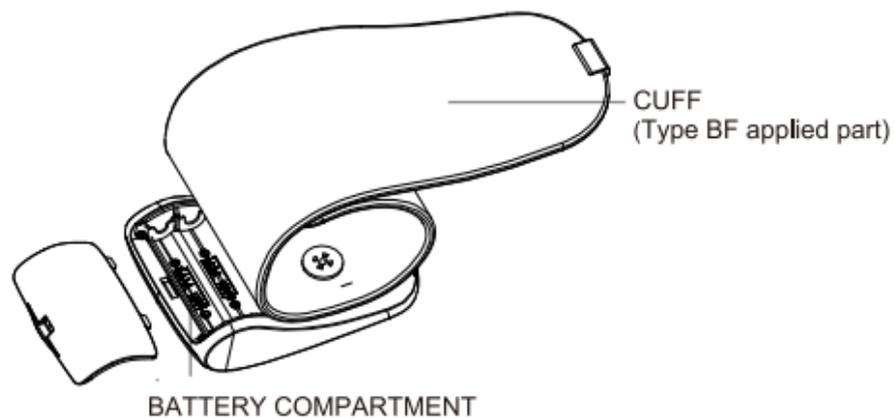
SYMBOL	DESCRIPTION	EXPLANATION
	Battery Indicator	Indicates the current battery life.
	Irregular heartbeat	Irregular heartbeat detected during measurement.
	Data transmitting	Data is transmitting; If the data transmission fails, this symbol will be show in next measurement.
	Wrist Positioning Guide	Guide for you to put the wrist in ideal position.
	Blood pressure level	Indicate blood pressure level.
	Bluetooth icon	The Bluetooth icon blinks when the Bluetooth is working.
	Average value	Displays average of last 3 readings.
	Memory display	Indicates device is in the memory mode and which group the memory is in.
mmHg	mmHg	Measurement Unit of the blood pressure taken.

## ♥ Monitor Components



Component list of pressure measuring system:

1. Circuit Board (PCBA);
2. Air Pipe;
3. Pump;
4. Valve;
5. Cuff.



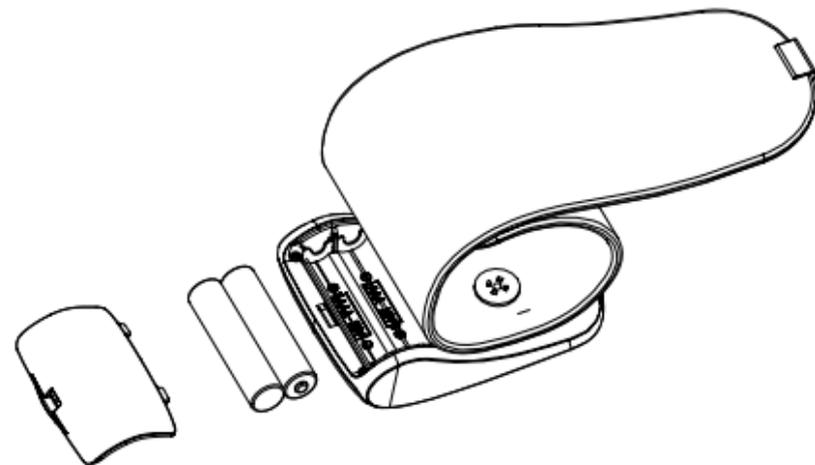
### List of Package Included Items

- 1) Blood Pressure Monitor EBP-085
- 2) 2× AAA Batteries
- 3) User manual
- 4) Storage bag

### ♥ Installing and Replacing the Batteries

- Lift the battery cover upwards.
- Install the batteries as indicated in the battery compartment. Always use the correct battery type (2× AAA batteries).
- Close the battery cover.

The typical service life of the new and unused batteries is about 180 measurements. Every operation time is 60 seconds.



Replace the batteries whenever the below happen

- The  + bAt Lo shows
- The display is dim
- The display does not light up

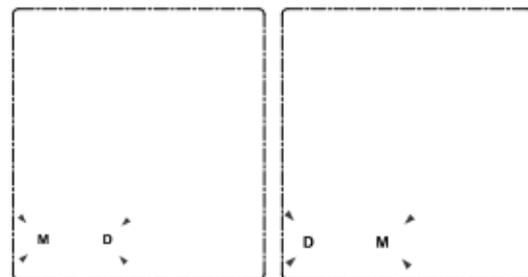
### CAUTION

- Do not use new and used batteries together.
- Do not use different types of batteries together.
- Do not dispose the batteries in fire. Batteries may explode or leak.
- Remove batteries if the device is not likely to be used for some time.
- Worn batteries are harmful to the environment. Do not dispose with daily garbage.
- Remove the old batteries from the device following your local recycling guidelines.

### ♥ Setting Date and Time

**It is important to set the Date and Time before using your blood pressure monitor, so that a correct time stamp can be assigned to each record that is stored in the memory. (Year Range: 2021-2050; Time Format: 12/24 H)**

1. When the monitor is off, press and hold the “START/ STOP ” button to display the date format. Press the “MEM” button to switch the date format between [month/day] and [day/month].



2. Press the “START/ STOP ” button to confirm the date format, then the year will flash. Press the “MEM” button to change the year.

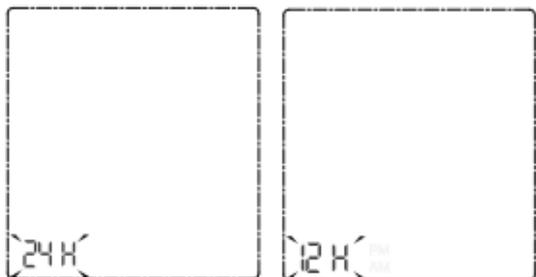
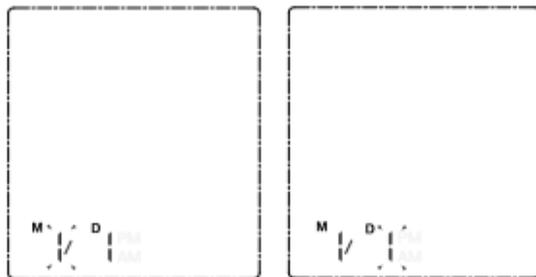


## BEFORE YOU START

3. When you get the right year, press the "START / STOP" button to confirm the year. The screen will then show a blinking number representing the [MONTH].

4. Repeat steps 2 and 3 to set the [MONTH] and [DAY].

5. Repeat steps 2 and 3 to set the time format.

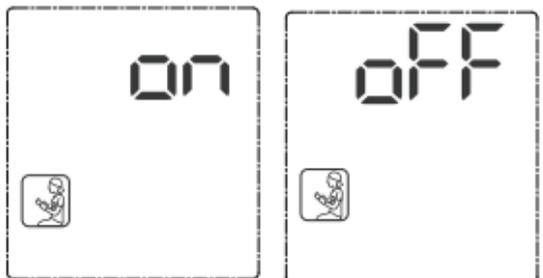


## BEFORE YOU START

6. Repeat steps 2 and 3 to set the [HOUR] and [MINUTE].

7. Repeat steps 2 and 3 to confirm [Wrist Positioning Guide] on or off.

Note: When the Wrist Positioning Guide is OFF, the instruction will not appear at the start of the measurement.



8. After confirming the measurement unit, the LCD will display “donE” and then the monitor will turn off.



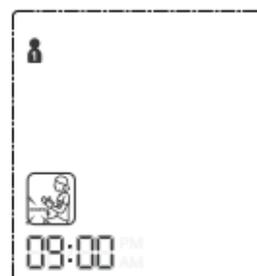
## ♥ WRIST POSITIONING GUIDE

When using wrist blood pressure monitor, it is important to take the measurement while relaxing your wrist at heart level. This will help ensure an accurate reading will be taken. Because it is difficult to find the ideal location for a wrist measurement, we have included in the device an optional Wrist Positioning Sensor that will assist in directing your wrist to the ideal location for a blood pressure measurement.

Each time you take a measurement, the display will illuminate with different icons that are designed to help you move your wrist. Once the ideal location is found, the wrist symbol ✓ will flash and after several seconds, the measurement will begin. Keep your arm still until the measurement is completed.



Move your wrist up.



Move your wrist down.



Wrist in ideal position, the symbol ✓ flash. Do not move, Measurement start.



Note: Due to differences in individual sizes and physique, this feature may not be helpful in all cases and you may wish to turn this feature OFF. If you feel the suggested wrist position does not match your heart level, please turn this feature OFF and follow your own judgment.

### ♥ Pair a smartphone or a tablet with the monitor

You are the intended operator of this blood pressure monitor. You can measure your blood pressure and then save and send measurement data to a smartphone or tablet with Bluetooth wireless connectivity and application.

1. Turn on Bluetooth and the application. Make sure both are ON when pairing.
2. When the monitor is OFF, press and hold the “MEM” button to start pairing. The symbol “” will be shown on the LCD, indicating pairing is working.

If successful, the Bluetooth symbol will not flash any more, and the LCD will display “donE” and the monitor will shut off after about 1 minute.

If unsuccessful within 60 seconds, it is judged to timeout and the monitor will shut off automatically.



Pairing is taking place



pair-up successful

**RF Frequency Range:** 2402 MHz to 2480 MHz  
**Output Power Range:** ≤ -2.5 dBm  
**Supply Voltage:** 1.8-3.6 V  
**Transmitting Distance:** 10 meters

### CAUTION

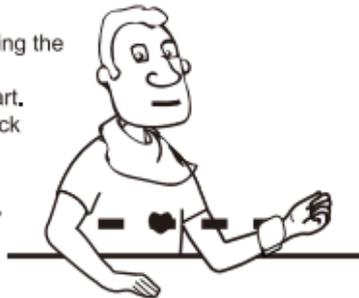
- Interference may occur in the vicinity of equipment marked with the following symbol .  And TMB-2085 may interfere in the vicinity of electrical equipment.
- Sensitive people, including pregnant women pre-eclamptic and those who implanted medical electronic instruments, should avoid using the unit whenever possible.
- Keep the monitor at least 20 centimeters away from the human body (especially the head) when the data after transmission is proceeding measurement.
- To enable the data transmission function, this product should be paired to Bluetooth end at 2.4 GHz.

#### How to mitigate possible interference?

1. The range between the device and BT end should be reasonably close, from 1 meter to 10 meters. Please ensure no obstacles between the device and BT end so as to obtain quality connection and to lower the RF output range.
2. To avoid interference, other electronic devices (particularly those with wireless transmission / Transmitter) should be kept at least 1 meter away from the monitor.

## ♥ Tie the Cuff

1. Remove **all** accessories (watch, bracelet, etc) from your wrist. If your physician has diagnosed you with poor circulation in one of your wrist, use the other wrist.
2. Roll or push up your sleeve to expose the skin.
3. Apply the cuff to your wrist with your palm facing up.
4. Position the edge of the cuff about 1cm–2cm from wrist joint.
5. Fasten the wrist cuff around your wrist, leaving no extra room between the cuff and your skin. If the cuff is too loose, the measurement will not be accurate.
6. Sit comfortably with your wrist being tested resting on a flat surface. Place your elbow on a table so that the cuff is at the same level as your heart. Turn your palm upwards. Sit upright in a chair and take 5-6 deep breaths.
7. Users with Hypertension:  
The middle of the cuff should be at the level of the right atrium of the heart; Before starting measurement, please sit comfortably with legs uncrossed, feet flat on the floor, back and wrist supported. Rest for 5 minutes before measuring.  
Wait at least 3 minutes between measurements. This allows your blood circulation to recover.  
Take the measurement in a silent room.  
The user must relax as much as possible and do not move and talk during the measurement procedure.  
The cuff should maintain at the same level as the right atrium of the heart.  
Do not cross your legs and keep your feet on the ground. Keep your back against the backrest of the chair.  
For a meaningful comparison, try to measure under similar conditions.  
For example, take daily measurements at approximately the same time, on the same wrist, or as directed by a physician.



## ♥ Start the Measurement

1. When the monitor is off, press “START/STOP” button to turn on the monitor, the display will show a blinking number representing the current [USER], at this process, you can switch the user from User 1 to User 2 or User G (guest) by pressing “MEM” button. After choosing the right user, press “START/STOP” button to confirm, it will display the latest record of the current user, after then it will complete the whole measurement automatically.  
(Take user 1 for example.)

A step-by-step guide showing what you'll see while taking a measurement.



Display the current User



Display the latest record of current User



Adjust to zero.

2. After the measurement was finished, the symbol  and  will display, and the data will start transmitting.



Inflating and measuring.



Display and save the measuring result.

3. If the data transmits successfully, the symbol  and  symbol will disappear, the image on the right will be displayed, and then the monitor will turn off after about 1 minute.

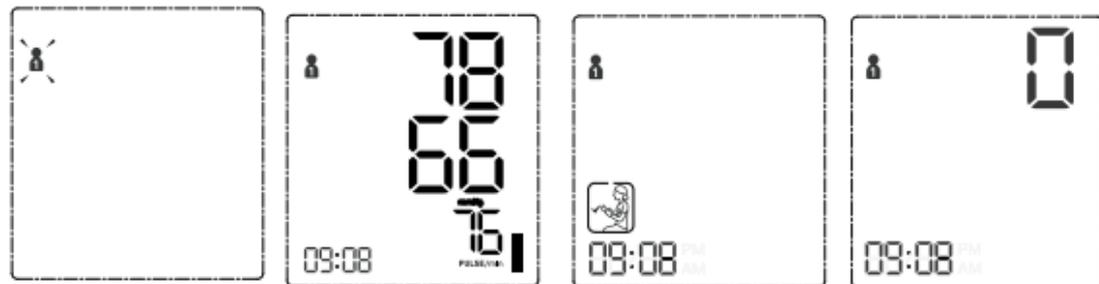


4. If unsuccessful within 60 seconds, it is judged a timeout and the monitor will shut off.  
(Note: the symbol  will be displayed in the next measurement)

5. Press "START/STOP" button to power off, otherwise it will shut off after about 1 minute.

Notes: If you have set the [Wrist Positioning Guide] on, when you start the measurement, the blood pressure monitor will detect the position first. The wrist must be at the angle between 30° and 45°. If it's out of this angle range, the LCD won't start any measurement until you have the ideal position.

If you get the correct position, it will display for about 3 seconds, and then finish the whole measurement. For more details, please see page 18-19.



Display the current User

Display the latest record of current User

Ideal position, measurement start

Adjust to zero.

### ♥ Recalling the Records

1. When the monitor is off, press "MEM" button and the user ID will be blinking and the memory number of the reading will be shown. You can switch the user from User 1 to User 2 by pressing "MEM" button. After choosing the right user, press "START/STOP" button to confirm. If there are less than 3 records, it will display the latest record of the current user. If there are more than 3 records, it will show the average of latest three records first.
2. Press "MEM" button to get the record you want. If the symbol and appears along with the record, that means the record pending to transmit.

Date and time will display alternately.



Average record



Latest record



### CAUTION

The most recent record (1) is shown first. Each new measurement is assigned to the first (1) record. All other records are pushed back one digit (e.g., 2 becomes 3, and so on), and the last record (199) is dropped from the list. once 199 records is surpassed.

### ♥ Deleting the Records

If you did not get the correct measurement, you can delete results by following steps below.

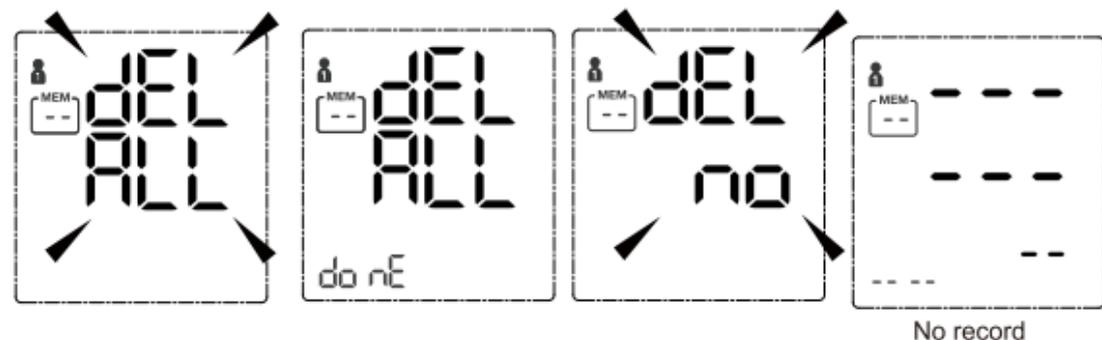
#### A: To delete a single measurement:

1. When the monitor is off, press “MEM” button to show the memory recall mode (you could use the “MEM” button to switch between users).
2. Several seconds later, press “MEM” button to find the measurement you would like to erase, press and hold “MEM” button for 3 seconds, and the display will show a blinking “dEL yES” and the memory number of the reading.
3. Use the “MEM” buttons to toggle between “dEL yES” and “dEL no”. Press “START/STOP” to confirm the selection. If “dEL yES” is selected, the unit will delete the record and return to last memory record. All the records are pushed forward one digit (e.g., 03 becomes 02, and so on)



#### B: To delete ALL measurements:

1. When the monitor is off, press “MEM” button to show the memory recall mode (you could use the “MEM” button to switch between users).
2. Several seconds later, hold pressing “MEM” + “START/STOP” button for 5 seconds, the display will show a blinking “dEL ALL” and the User ID.
3. Use the “MEM” buttons to toggle between “dEL ALL” and “dEL no”. Press “START/STOP” to confirm the selection. If “dEL ALL” is selected, the unit will display “dEL ALL + do nE”, and delete all the record of the current user. Several seconds later, it will display “--”.



♥ **Tips for Measurement**

Measurements may be inaccurate if taken in the following circumstances.



Within 1 hour  
after dinner or drinking



Immediate measurement  
after tea, coffee, smoking



Within 20 minutes  
after taking a bath



When talking or  
moving your fingers



In a very cold environment



When you need  
to urinate

♥ **Maintenance**

To obtain the best performance, please follow the instructions below.



Put in a dry place and  
avoid the sunshine.



Avoid immersing it in the water.  
Clean it with a dry cloth in case.



Avoid shaking and collision.



Avoid dusty environment  
and unstable temperature  
surroundings.



Use a slightly damp  
cloth to remove the dirt.



Avoid washing the cuff.

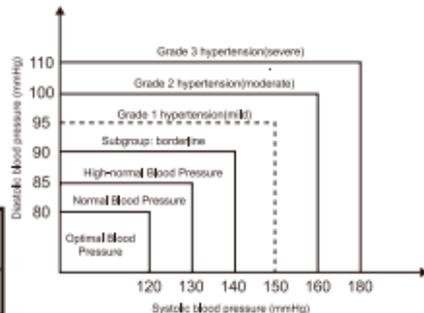
### ♥ What are systolic pressure and diastolic pressure?

When ventricles contract and pump blood out of the heart, blood pressure reaches its maximum value, the highest pressure in the cycle is known as systolic pressure. When the heart relaxes between heartbeats, the lowest blood pressure is diastolic pressure.

### ♥ What is the standard blood pressure classification?

The blood pressure classification published by World Health Organization (WHO) and International Society of Hypertension (ISH) in 1999 is as follows:

Blood Pressure Level	Optimal	Normal	High-normal	Mild	Moderate	Severe
SYS	<120	120-129	130-139	140-159	160-179	>180
DIA	<80	80-84	85-89	90-99	100-109	>110



#### ⚠ CAUTION

Only a physician can tell you your normal blood pressure range and the point at which you are at risk. Consult your physician to obtain these values. Please contact a physician if your measuring result falls out of the range.

### ♥ Irregular Heartbeat Detector

An irregular heartbeat is detected when a heartbeat rhythm varies while the device is measuring systolic pressure and diastolic pressure. During each measurement, the blood pressure monitor will keep a record of all the pulse intervals and calculate the average value of them. If there are two or more pulse intervals, the difference between each interval and the average is more than the average value of  $\pm 25\%$ , or there are four or more pulse intervals, the difference between each interval and the average is more than the average value of  $\pm 15\%$ , then the irregular heartbeat symbol will appear on the display with the measurement result.

#### ⚠ CAUTION

The appearance of the IHB icon indicates that a pulse irregularity consistent with an irregular heartbeat was detected during measurement. Usually this is NOT a cause for concern. However, if the symbol appears often, we recommend you seek medical advice. Please note that the device does not replace a cardiac examination on but serves to detect pulse irregularities at an early stage.

### ♥ Why does my blood pressure fluctuate throughout the day?

1. Individual blood pressure varies multiple times every day. It is also affected by the way you tie your cuff and your measurement position, so please take the measurement under the same conditions each time.
2. If the person takes medicine, the pressure can vary more.
3. Wait at least 3 minutes for another measurement.



### ♥ Why do I get a different blood pressure at home compared to the doctors?

The blood pressure measurement can be different even throughout the day due to weather, emotion, exercise etc. Also, there is the "white coat" effect, which means blood pressure usually increases in clinical settings.

What you need to pay attention to when you measure your blood pressure at home:

If the cuff is tied properly. If the cuff is too tight or too loose.  
If the cuff is tied on the wrist. If you feel anxious.

Taking 2-3 deep breaths before beginning will be better for measuring.

Advice: Relax yourself for 4-5 minutes until you calm down.

### ♥ Is the result the same if measuring on the right wrist?

It is ok for both wrists, but there will be some different results for different people. We suggest you measure the same wrist every time.



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

PROBLEM	SYMPTOM	CHECK THIS	REMEDY
No power	Display is dim or will not light up.	Batteries are exhausted.	Replace with new batteries
		Batteries are inserted incorrectly.	Insert the batteries correctly
High batteries	bAt H shows	Batteries are high.	Replace with new batteries
Low batteries	bAt Lo+□ shows	Batteries are low.	Replace with new batteries
Error message	E 1 shows	The cuff is not secure	Refasten the cuff and then measure again.
	E 2 shows	The monitor detected motion, talking, or the pulse is too poor while measuring.	movement can affect the measurement. Relax for a moment and then measure again.
	E 3 shows	The measurement process does not detect the pulse signal.	Loosen the clothing on the wrist and then measure again.
	E 4 shows	The treatment of the measurement failed.	Relax for a moment and then measure again.

PROBLEM	SYMPTOM	CHECK THIS	REMEDY
<b>Error message</b>	EEx, shows on the display.	A calibration error occurred.	Retake the measurement. If the problem persists, contact the retailer or our customer service department for further assistance. Refer to the warranty for contact information and return instructions.
<b>Warning message</b>	"out" shows	Out of measurement range	Relax for a moment. Refasten the cuff and then measure again. If the problem persists, contact your physician.

**NOTE:** If the product still does not work, contact Easy@home® Customer Service. Under no circumstance should you disassemble or attempt to repair the unit by yourself.

<b>Power supply</b>	Battery powered mode: 2x AAA batteries 3V 
<b>Display mode</b>	Digital LCD V.A. 43 mm x 46 mm
<b>Measurement mode</b>	Oscillographic testing mode
<b>Measurement range</b>	Rated cuff pressure: 0 mmHg ~ 299 mmHg Measurement pressure: SYS: 60 mmHg ~ 230 mmHg DIA: 40 mmHg ~ 130 mmHg Pulse value: (40-199) beat/minute
<b>Accuracy</b>	Pressure: 5°C - 40°C within ±3 mmHg Pulse value: ±5%
<b>Working condition</b>	A temperature range of : (41°F - 104°F) 5°C - 40°C A relative humidity range of 15% to 90%, non-condensing, but not requiring a water vapour partial pressure greater than 50 hPa An atmospheric pressure range of: 700 hPa to 1060 hPa
<b>Storage &amp; transportation condition</b>	Temperature: (-4°F - 140°F) -20°C - 60°C A relative humidity range of ≤ 93%, non-condensing, at a water vapour pressure up to 50hPa
<b>Measurement perimeter of the wrist</b>	About 13,5-21,5 cm
<b>Weight</b>	Approx. 103 g (Excluding the batteries)
<b>External dimensions</b>	Approx. 85,7 mm × 60,8 mm × 24,7 mm (Excluding the cuff)
<b>Attachment</b>	2x AAA batteries, user manual, storage bag

<b>Mode of operation</b>	Continuous operation
<b>Degree of protection</b>	Type BF applied part
<b>Device Classification</b>	Internally Powered ME Equipment
<b>IP Classification</b>	IP22: It means the device could be protected against solid foreign objects of 12,5mm $\Phi$ and greater, and against vertically falling water drops when enclosure tilted up to 15°.
<b>Software Version</b>	A01
<b>Service life of the product</b>	15,000 times use

WARNING: No modification of this equipment is allowed.

### ♥ Contact Information

For more information about our products, please visit [healthcare-manager.com](http://healthcare-manager.com)  
You can get customer service and ask usual problems. Easy@home® will serve you anytime.

## ♥ EMC Guidance

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare environments.

Warning: Don't go near the active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.

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.

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.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the equipment EBP-085, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

### Technical description:

1. All necessary instructions for maintaining BASIC SAFETY and ESSENTIAL PERFORMANCE regard to electromagnetic disturbances for the expected service life.
2. Guidance and manufacturer's declaration - electromagnetic emissions and Immunity.

Table 1

Guidance and manufacturer's declaration - electromagnetic emissions	
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

Guidance and manufacturer's declaration – electromagnetic Immunity		
Immunity Test	IEC 60601-1-2 Test level	Compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4kV, ±8 kV, ±15 kV air
Electrical fast transient/burst IEC 61000-4-4	Not applicable	Not applicable
Surge IEC61000-4-5	Not applicable	Not applicable

Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Not applicable	Not applicable
Power frequency magnetic field IEC 61000-4-8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz
Conducted RF IEC61000-4-6	Not applicable	Not applicable
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.		

Table 3

Guidance and manufacturer's declaration - electromagnetic Immunity								
Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Maximum 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 $\pm$ 5k Hz 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	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28	28
	5240	5100-5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	0.2	0.3	9	9
	5500							
	5785							

## ♥ FCC Statement

**FCC ID: OUT9TMB2085-K**

**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.**

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## ♥ Warranty

The Wrist Blood Pressure Monitor is guaranteed for 1-year from the date of purchase. If the Wrist Blood Pressure Monitor does not function properly due to defective components or poor workmanship, we will repair or replace for no additional cost. The warranty does not cover damages to your Wrist Blood Pressure Monitor due to improper handling, loss, or theft. Please contact manufacturer for details.