iHealth® Jurni

Connected Blood Pressure Monitor
Instruction Manual
MODEL BP-300CL



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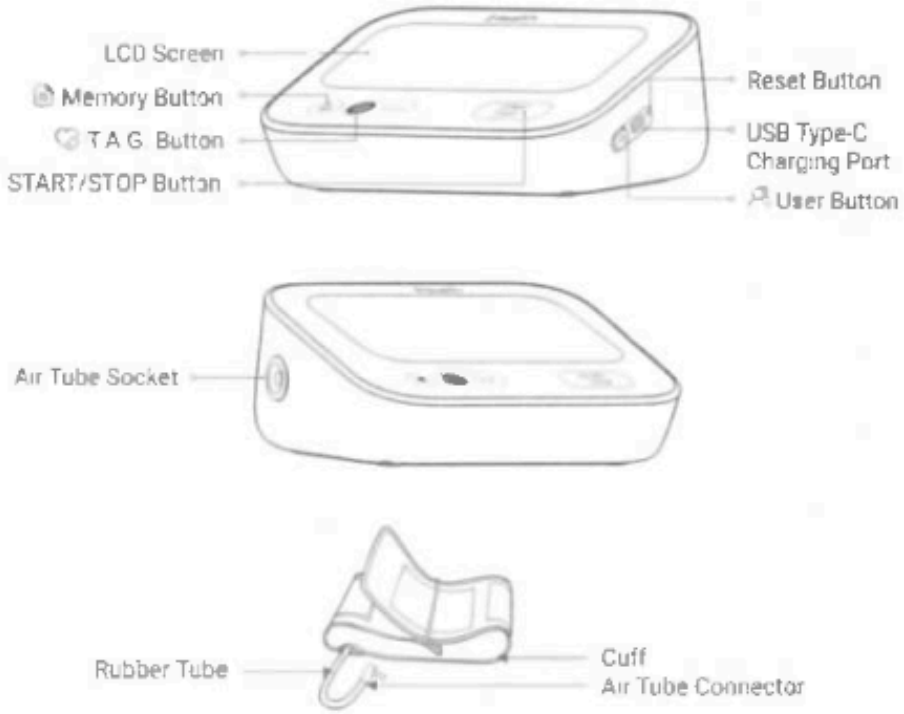
IMPORTANT INFORMATION

Please read this instruction manual thoroughly before using the product.Thank you for choosing the iHealth Jurni Connected Blood Pressure Monitor. Please retain this instruction manual for reference.

BOX CONTENTS

- 1 x Blood Pressure Monitor
- 1 x Instruction Manual
- 1 x Adjustable Cuff (8.7"-16.5")
- 1 x USB Type-C Power Cable

DISPLAY INDICATORS





1	1 2	User icon
2	AVG	Average of your latest 3 readings icon
3		Bluetooth icon
4		Low battery icon
		Charging icon
		Fully charged icon
5	88:88	Time and date display
6	SYS 888	Systolic blood pressure reading
7		Blood pressure level indicator
8	DIA 188	Diastolic blood pressure reading

⑨		Body movement icon
⑩		Loose cuff wrap icon
⑪		Irregular heartbeat icon
⑫		Pulse display
⑬		Before or after medication tag icon
⑭		Discomfort tag icon
⑮		At rest tag icon
⑯		Post-exercise tag icon
⑰		Heartbeat icon

INTENDED USE

Thank you very much for selecting the iHealth Jurni Connected Blood Pressure Monitor. This monitor is for use by medical professionals or individuals (patients) at home. It is a noninvasive system intended to measure the diastolic and systolic blood pressure as well as the pulse rate of an adult individual using an inflatable cuff wrapped around the arm. The cuff circumference is limited to 5.9"-18.9" (15-48cm).

CONTRAINDICATION

⚠ This blood pressure monitor (electronic sphygmomanometer) is not suitable for people with severe arrhythmia.

PRODUCT DESCRIPTION

The iHealth Jurni is a fully automatic arm-cuff blood pressure monitor that uses oscillometric methodology to measure your blood pressure and pulse rate. Users can operate the device themselves.The monitor works with your mobile devices to track and share vital blood pressure data.
This blood pressure monitor has been designed in accordance with the requirements of ISO 81060-2:2018.

SPECIFICATIONS

1.Product name: iHealth Jurni Connected Blood Pressure Monitor
2.Model: BP-300CL
3.SKU: BP-Jurni
4.Classification: Internally powered, Class II, Type BF applied part, IP21, No AP or APG, continuous operation, not intended for use in an OXYGEN-RICH ENVIRONMENT.
5.Monitor size: Approx. 5.7" × 4.5" × 2.4" (144.5mm x 115mm x 60.7mm)
6.Cuff circumference: 8.7"-16.5" (22cm-42cm)
7.Weight: Approx. 11.57 oz (328 g) (excluding cuff)
8. Measuring method: Oscillometric method
9. Memory volume: Two users, 360 measurements each
10. Power source:
DC:5V ⎓ 1.0A, battery : 1× 3.7V ⎓ Li-ion 2200mAh
11.Measurement ranges:
Cuff pressure: 0 to 300 mmHg
Systolic: 60 to 260 mmHg
Diastolic: 40 to 199 mmHg
Pulse rate: 40 to 180 beats/minute
12.Accuracy:
Pressure: ±3 mmHg
Pulse rate: Less than 60: ±3 bpm
More than 60 (incl.): ±5%
Precision of displayed values: 1 mmHg

13. Environmental temperature for operation:
    41°F to 104°F (5°C to 40°C)
14. Environmental humidity for operation: ≤85% RH
15. Environmental temperature for storage and transport:
    -4°F to 131°F (-20°C to 55°C)
16. Environmental humidity for storage and transport: ≤90% RH
17. Environmental pressure: 80 kPa to 105 kPa
18. Battery life: Approx. 540 measurements on a full charge
    (Approx.6 months with battery and 3-min.usage per day.)
19. Wireless communication:
    Bluetooth 5.3
    Modulation types: GFSK
    Frequency Band: 2 400 GHz to 2.4835 GHz
    Effective radiated power : < 0 dBm
20. Product life: Monitor : 5 years
    Cuff: 3 years

IMPORTANT SAFETY INFORMATION

SAFETY SYMBOLS USED IN THIS INSTRUCTION MANUAL

⚠ Warning	Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury to the user.
⚠ Caution	Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury to the user.

1. ⚠ The device should not be used for patients with artificial hearts or lungs.
2. ⚠ The device should not be used for neonates, infants, children, or persons who cannot communicate. This device has not been tested for use on pregnant patients.

3. ⚠ The device should not be used for patients with poor peripheral circulation, noticeably low blood pressure, or low body temperature.
4. ⚠ Consult your physician before using the device if you have any of the following conditions: common arrhythmias such as atrial or ventricular premature beats or atrial fibrillation, arterial sclerosis, poor perfusion, diabetes, preeclampsia, and renal diseases.
5. ⚠ Do not use this device in a moving vehicle.
6. ⚠ Do not use this device if you are allergic to plastic/rubber.
7. ⚠ To prevent the risk of infection and cross-contamination, please do not share the cuff.
8. ⚠ This device can be used in conjunction with a medical AC adapter (input: AC 100 to 240 V, 50/60 Hz, 0.2A; output: DC 5V, 1A). Do not use a cuff or AC adapter other than the ones supplied by the manufacturer. Disregarding this safety instruction may introduce a biocompatible hazard, result in measurement error, damage the device, or hurt the user.
9. ⚠ Never let children or persons incapable of communicating independently use the device. Keep the device safely stored and inaccessible to children to prevent them from swallowing the batteries or other small parts.
10. ⚠ Keep the cuff tube and the cable away from children to avoid the risk of strangulation or asphyxiation.
11. ⚠ As this medical device uses an alternative small-bore connector design to those specified in the ISO 80369 series, a misconnection can occur between it and a medical device using a different small-bore connector, which can result in a HAZARDOUS SITUATION causing harm to the user. Special measures need to be taken by the user to mitigate these foreseeable risks.
12. ⚠ See the section regarding ELECTROMAGNETIC COMPATIBILITY INFORMATION for information regarding potential electromagnetic interference (EMI) or other interference between the device and other devices.

⊘ Please do not use the device within the environment of the following devices: magnetic resonance imaging, computerized axial tomography, diathermy, radio frequency (RF) identification, active high-frequency surgical equipment, and electromagnetic security systems such as metal detectors.

13. ⚠ Stay quiet and calm, and rest for five minutes before taking your blood pressure measurement. Relax for a minimum of 1 to 1.5 minutes between measurements to allow the blood circulation in your arm to recover.
14. ⚠ Do not speak or move your body, especially your arm, during the measurement. Motion, trembling, and shivering during measurement may affect the result.
15. ⚠ Prolonged overinflation (cuff pressure exceeds 300 mmHg or is above 15 mmHg for longer than 3 minutes) of the cuff may cause hematoma (a lump or swelling made of blood pulled out of the blood vessels) of the arm.
16. ⚠ The device might not meet its performance specifications or may present safety hazards if stored or used outside the specified temperature and humidity ranges listed in the specifications.
17. ⚠ Consult your physician before use if any of the following scenarios are applicable:
    1) The cuff will be applied over a wound or area swollen as a result of an inflammatory disease;
    2) The cuff will be applied on any arm where intravascular access or therapy, or an arterio-venous (A-V) shunt, is present;
    3) The cuff will be applied to the arm on the same side as a mastectomy or lymph node clearance;
    4) The device will be used simultaneously with other medical monitoring equipment on the same arm.
18. ⚠ Blood pressure measurements determined by this device are equivalent to those obtained by a trained observer using the cuff/stethoscope auscultation method, within the limits prescribed by the American National Standard Institute for

electronic or automated sphygmomanometers.

19. ⚠ This equipment has been tested and found to comply with the limits for a Class B digital device under part 15 of the FCC rules. These limits are designed to protect reasonably against harmful interference in a residential installation. This equipment generates, uses, and can radiate RF energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. In the event that 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 the receiver.
—Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

20. ⚠ A signal will be displayed if the blood pressure measurement procedure detects an irregular heartbeat (IHB) brought on by common arrhythmias. Under this condition, the electronic sphygmomanometer can keep functioning, but the results may not be accurate. Please consult your physician for a precise assessment.
There are two conditions under which the signal of IHB will be displayed:
1) The coefficient of variation of the pulse period is > 25%.
2) The difference in adjacent pulse periods is ≥ 0.14 seconds, and the number of such pulses is more than 53% of the total number.

21. ⚠ Please check the condition of the arm being used to ensure that the device is not impairing the patient's blood

circulation while in use.

SETUP AND OPERATION

1 DOWNLOAD THE APP (Recommended)

Before getting started, download and install the iHealth MyVitals app from the App Store (iOS) or Google Play (Android). You can scan the QR code below or search for "MyVitals."

iHealth

GET IT ON Google Play

Download on the App Store

2 BEFORE FIRST USE

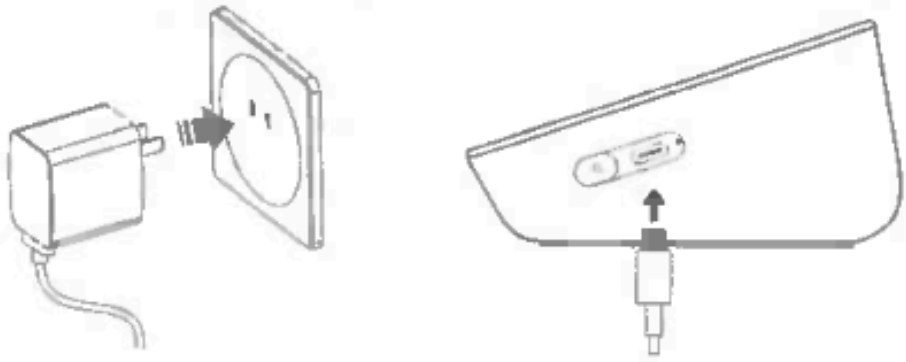
Charge the device before first use to activate it.



3 CHARGING THE DEVICE

When the battery level is low (under 10%), the battery icon ⊏⊐ will flash.

1. Plug the AC adapter into an electrical outlet.
2. Connect the USB Type-C power cable to the device.



Note:

- While charging, the "Charging" icon ϟ will flash.
- When the battery is fully charged, the icon will stop flashing.
- Once fully charged, unplug the device to avoid overcharging.

⚠Warning:

- Disconnect the AC adapter before starting a measurement. Do not take blood pressure measurements while the device is charging.
- The AC adapter is an optional accessory. Safe use and related matters should follow the corresponding instructions. If the AC adapter is abnormal, please stop using it.
- The battery is not user-replaceable. Do not attempt to replace the battery yourself. Replacing lithium batteries improperly can lead to fire, explosion, or other serious hazards.
- If the battery cannot be charged, please contact customer support.

- Overcharging the battery may shorten its lifespan.
- Do not use wet hands to plug or unplug the power cord from the outlet.
- Do not position the device so that it is difficult to operate or disconnect.
- If the device will not be used for an extended period, fully charge it once per month to maintain battery performance.
- The battery is designed to last through at least 300 full charges and discharges before its performance may start to decline.



Dispose of the electronic blood pressure monitor and cuff in accordance with local environmental protection regulations. Do not dispose of the device or battery with normal household waste.

4 TIME AND DATE SETUP

You can set the time and date either automatically (recommended) or manually.

Automatic time-setting:

1. Press the button to enable Bluetooth. The Bluetooth icon will start flashing.
2. Open the iHealth MyVitals app, follow the on-screen instruction and connect to the device.
3. The time and date will sync automatically.

Manual time-setting:

1. With the monitor powered off, press and hold both the button and the "START/STOP" button for 3 seconds to enter the manual time setup mode.
2. Press the button to decrease the selected value and the button to increase it.
   - Hold either button to scroll through the values more quickly.

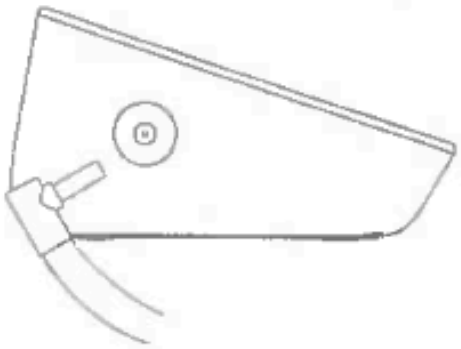
- Press the "Start/Stop" button to confirm and move to the next field.



- After setting the minutes, the set time will flash twice on the screen as confirmation.

5 CONNECTING THE CUFF TO THE DEVICE

Firmly insert the air tube connector into the air port on the left side of the device.



Note:

- Ensure the connector is fully inserted to prevent any air leaks during measurement.

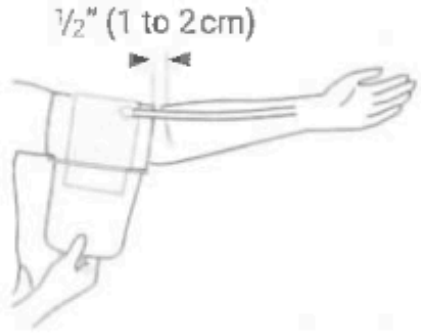
6 APPLYING THE CUFF

1. Pull the end of the cuff through the metal loop. Slide your bare arm through the cuff and tighten it securely. Close the Velcro to fasten the cuff in place.

2. Ensure the bottom of the cuff is positioned ½" (1 to 2 cm) above your elbow joint and fits comfortably yet snugly around your arm.
3. You should be able to insert one finger between your arm and the cuff.

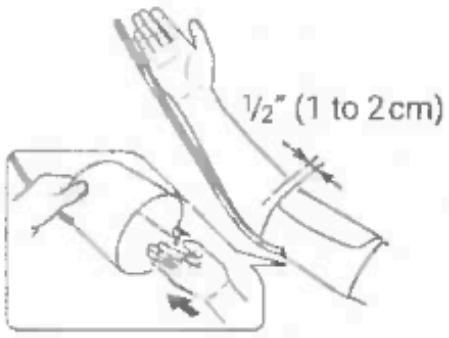
Left Arm

Position the cuff so that the cuff tube is in the middle of your arm and in line with your middle finger.



Right Arm

Position the cuff so that the cuff tube is at the side of your elbow and in line with your little finger.



Not sure which arm to use?
According to the 2017 AHA/ACC Hypertension Guidelines, you should measure both arms separately at first. If there is a significant difference in blood pressure readings, always use the arm with the higher measurement readings for consistency.

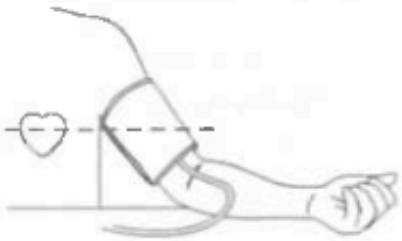
Note:

- Make sure your arm size falls within the cuff range listed in the "SPECIFICATIONS" section.
- For consistency, always take readings on the same arm.
- Sit still and rest for at least 5 minutes before taking a measurement.
- Do not use the cuff on an arm with injuries, infections, or inflammation.
- ⚠ Avoid bending, twisting, or squeezing the air tube during use to ensure accurate results and prevent damage.

7 BODY POSTURE DURING MEASUREMENT

Sitting during measurement:

1. Sit with your feet flat on the floor and avoid crossing your legs.
2. Extend your arm with your palm facing up, resting comfortably on a flat surface.
3. Position your arm so that the cuff is at the same level as your heart.



Lying down during measurement:

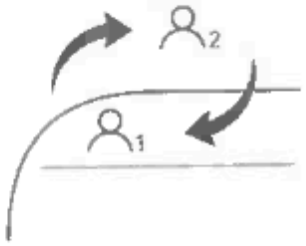
1. Lie on your back.
2. Place the arm with the cuff straight along your side with your palm facing up.
3. Ensure your arm with the cuff are positioned at the same level as your heart.



8 SWITCHING USERS

To switch between users:

- While the device is powered off, press the button located on the right of the device.
- You can toggle between User 1 and User 2. The selected user will be indicated on the display when the device powers on.



Note:If the device is to be used by someone other than User 1 or User 2, please refer to Section 12: USING GUEST MODE.

9 TAKING YOUR BLOOD PRESSURE READING

Before starting a measurement, make sure the cuff's air plug is firmly connected to the monitor.

1. After securing the cuff and getting in the correct position, press the "START/STOP" button to power on the device.
   The screen will display a full segment test—where all display segments, icons, and symbols briefly light up. Use the graphic below as a reference to ensure all expected components appear clearly on the screen.



Note: If any part of the display is missing, dim, or unreadable, please contact customer service.

2. Once the self-check is complete, the display will reset to "0" and the monitor will automatically begin the measurement process.
3. After the measurement is finished, the screen will display the following information:
   - Systolic and diastolic pressures on the right side (in mmHg)
   - Pulse rate (beats per minute)
   - Blood pressure level
   - Irregular pulse (if detected)
   - Previous reading on the left side (if available)

The monitor may show different icons or indicators based on your blood pressure level.
Refer to the section "ASSESSING HIGH BLOOD PRESSURE FOR ADULTS" for more details.



Note:

- If you move during the measurement process, the "Body Movement" icon may appear and the reading may be inaccurate. Please remain still and try again.
- If the "Cuff Wrap Loose" icon appears, the cuff may be too loose or improperly wrapped. Press the "START/STOP" button to stop the measurement, then adjust the cuff and restart the measurement.
- You can stop the measurement at any time by pressing the "START/STOP" button.
- Always consult a healthcare professional for proper interpretation of your blood pressure readings.

- The monitor will automatically power off after 90 seconds of inactivity. You can manually turn it off by press the "START/STOP" button.

10 USING THE T.A.G. (Track and Guide) SMART TAG FUNCTION

Everyday activities can cause fluctuations in blood pressure. That's why iHealth developed the T.A.G. (Track and Guide) smart tag function. By tagging your readings with contextual information—such as medication, exercise, or physical condition—you can better identify patterns and manage your blood pressure more effectively.

After completing a measurement, you may use the button to label the reading.

- You can select your status by choosing from the preset icons on the device.
- Press the button repeatedly to cycle through the available tagging options.
- The selected tag will be saved along with the measurement.



Note:
Refer to the section "DISPLAY INDICATORS" for descriptions of each tagging option.

11 VIEWING STORED READINGS

Last Three Readings Average

1. Press and hold the button for 2 seconds.

2. The left side of the display will show the average of your last three readings.
3. The right side will show your most recent individual reading.



Viewing All Other Readings

1. Press the button to enter the memory browsing mode.
2. The memory number will appear first, followed by the stored measurement.
3. The most recent reading is shown on the right; the previous reading is shown on the left for comparison.
4. Each reading is saved with a date and time stamp, which will alternate on the screen during browsing.
5. Press the button again to move to the next stored reading.





Note:
If time and date were not set during measurement, the display will show "-:- -" instead of a timestamp.

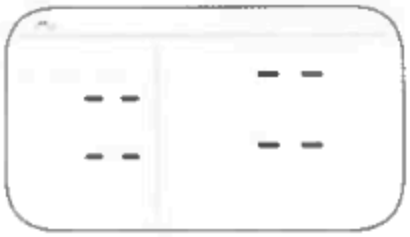
Deleting Stored Readings

To delete all stored readings for the current user:

1. While in memory browsing mode, press and hold the button for 10 seconds.

2. The screen will display the content as shown below to indicate that all readings are being deleted.

Caution: This action will permanently erase all readings for the current user profile and cannot be undone.



12 USING GUEST MODE

When someone other than User 1 or User 2 needs to use the device, they can use Guest Mode.
To start a measurement in Guest Mode:
Press and hold the "START/STOP" button for 5 seconds while the device is powered off.

Note:

- In Guest Mode, measurement readings will not be saved to any user profile.
- The tag and memory functions are not available in Guest Mode.



13 TRANSFERRING STORED READINGS TO THE APP

You may transfer your blood pressure readings to the iHealth MyVitals app at any time.

1. Ensure that Bluetooth is enabled in your smartphone's settings.
2. Open the iHealth MyVitals app.
3. Place your phone close to the blood pressure monitor.
4. Press the button on the monitor; the Bluetooth icon

will begin flashing.

5. Once the monitor connects to the app, the icon will stop flashing and your saved readings will transfer automatically.



Note:
The monitor cannot sync data if the battery is too low or if a measurement is currently in progress.

ASSESSING HIGH BLOOD PRESSURE FOR ADULTS

The categories shown below are based on the ACC/AHA 2017 High Blood Pressure Clinical Practice Guidelines.

Category	Systolic(mmHg)		Diastolic(mmHg)	Screen Display
Normal	<120	and	<80	NORMAL
Elevated	120–129	and	<80	ELEVATED
High Blood Pressure (Hypertension) Stage 1	130–139	or	80 - 89	HIGH
High Blood Pressure (Hypertension) Stage 2	≥140	or	≥90	HIGH
Hypertensive Crisis	>180	and/or	>120	HIGH

* Individuals with Systolic BP and Diastolic BP in two categories should be designated in the higher BP category.
  BP indicates blood pressure (based on an average of ≥ 2 careful readings obtained on ≥ 2 occasions).

Note: The guidelines are not intended to be used as a basis for self-diagnosis or emergency conditions but only to differentiate between general classifications of blood pressure levels.

NORMAL BLOOD PRESSURE FLUCTUATION

Blood pressure is affected by various factors, including excitement, stress, body position, and physical activities such as eating, drinking, smoking, or even taking a blood pressure measurement. As a result, it is unusual to obtain identical blood pressure readings each time you take a measurement.

Blood pressure fluctuates constantly throughout the day and night. Typically, it continues to rise during the day and peaks while most people are awake and active. It then drops in the evening, reaching its lowest between midnight and 3 a.m. while most people are asleep.

Considering the above information, measuring your blood pressure at approximately the same time every day is recommended.

Taking measurements more often than necessary may cause an injury due to blood flow interference, so please always rest at least 60 to 90 seconds between measurements to allow the blood circulation in your arm to recover.

TECHNICAL ALARM DESCRIPTION

The device will show "HI" or "Lo" as a technical alarm on the LCD, with no delay, if the determined blood pressure (systolic or diastolic) is outside the range stated in the "SPECIFICATIONS" section. In this case, you should consult a physician or check to ensure you have followed the instructions.
The technical alarm is preset and cannot be adjusted or deactivated.
The technical alarm is non-latching and does not require a reset. The signal displayed on the LCD will disappear automatically after about eight seconds.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
LCD display shows abnormal result	The cuff position was not correct or it was not properly tightened.	Apply the cuff correctly and try again.
	Body posture was not correct during testing	Review the "BODY POSTURE DURING MEASUREMENT" section of the instructions and retest
	Speaking; arm or body movement; angry, excited, or nervous during testing.	Retest when calm, without speaking or moving during the test
	Irregular heartbeat (arrhythmia).	This blood pressure monitor is not suitable for use by people with severe arrhythmia
LCD shows low battery symbol ⊂⊃	Low battery	Charge the battery
LCD shows "Er 0"	Pressure system is unstable before measurement.	Do not move and try again.
LCD shows "Er 1"	Failure to detect systolic pressure	
LCD shows "Er 2"	Failure to detect diastolic pressure	
LCD shows "Er 3"	Pneumatic system blocked or cuff is too tight during inflation.	Apply the cuff correctly and try again. If the device is still abnormal, please contact customer service.
LCD shows "Er 4"	Pneumatic system leakage or cuff is too loose during inflation.	

PROBLEM	POSSIBLE CAUSE	SOLUTION
LCD shows "Er 5"	Cuff pressure above 300 mmHg	Measure again after five minutes. If the device is still abnormal, please contact the customer service.
LCD shows "Er 6"	More than three minutes with cuff pressure above 15 mmHg.	
LCD shows "Er 7"	Inner memory error.	
LCD shows "Er 8"	Device parameter checking error	
LCD shows "Er A"	Pressure sensor parameter error.	
LCD shows "Er ✱" Bluetooth cannot establish a connection	Bluetooth communication error.	Charge the electronic blood pressure monitor, press the reset button to restart the blood pressure monitor, restart the iOS/Android device, and run the electronic blood pressure monitor application again. Please ensure that the electronic blood pressure monitor and iOS/Android devices are away from other electrical devices. If there is still a problem, please contact customer service.
No response when you press any button	Incorrect operation or strong EMI.	Press the reset button to restart the electronic sphygmomanometer and ensure you are away from any sources of electromagnetic radiation. If there is still a problem, please contact customer service.

MAINTENANCE

1. ⚠ Avoid dropping or subjecting the device to substantial impacts.
2. ⚠ Avoid high temperatures and prolonged exposure to direct sunlight. Do not immerse the device in water, which will damage it.
3. ⚠ Changes or modifications not approved by the manufacturer will void the user's warranty. Do not disassemble or attempt to repair the device or its components.
4. ⚠ It is recommended that the device's performance be checked every two years.Please contact the customer service.
5. Clean the device with a dry, soft cloth or a soft cloth dampened with water, disinfectant alcohol, or diluted detergent (wring out the cloth to remove as much liquid as possible before wiping the device).
6. Please keep the cuff clean. If the cuff becomes dirty, remove it from the device and clean it by hand with mild detergent, then rinse it thoroughly with cold water. Never dry the cuff in a clothes dryer, nor iron it. For personal use, it is recommended that the cuff be cleaned after approximately 200 uses. Disinfecting is recommended if the cuff is used in a hospital or a clinic. Wipe the cuff's inner side (the side that contacts the skin) with a soft cloth, lightly moistened with ethyl alcohol (75 to 90 percent). Then, air-dry the cuff.
7. We can provide product circuit diagrams and repairable component information to qualified maintenance service personnel if necessary.
8. Please wait to use the device after moving it between extreme temperatures (e.g., storage, during transport) until it has reached a normal operating environment. The device takes approximately two hours to warm up or cool down before use.
9. The device shall not be serviced or maintained while in use.
10. ⚠ Battery replacement should only be performed by a qualified service center technician. To do otherwise will void your warranty and possibly damage your unit.

EXPLANATION OF SYMBOLS ON UNIT



Symbol for "THE INSTRUCTION MANUAL MUST BE READ." (The sign's background color is blue, and the sign's graphical symbol is white.)



Symbol for "TYPE BF APPLIED PARTS." (The cuff is a type BF applied part.)



Symbol for "ENVIRONMENT PROTECTION." Electrical products should not be disposed of as household waste. Please recycle where facilities exist. Check with your local authority or retailer for advice on recycling.



Symbol for "MANUFACTURER."



Symbol for "DATE OF MANUFACTURE."



Symbol for "SERIAL NUMBER."

IP21 The first characteristic numeral symbol for "Degrees of protection against access to hazardous parts and solid foreign objects." The second characteristic numeral symbol is "Degrees of protection against water ingress."



MR Unsafe



CLASS II equipment

WARRANTY INFORMATION

iHealth Labs, Inc. ("iHealth") warrants the iHealth hardware (the "Product"), and only the Product, against defects in materials and artistry under regular use for one year from the date of purchase by the original purchaser ("Warranty Period"). Under this Limited Warranty, if a defect arises and a valid claim is received by iHealth within the Warranty Period regarding the Product, at its option and to the extent permitted by law, iHealth will either (1) repair the Product using new or refurbished replacement parts or (2) exchange the Product with a new or refurbished Product. In the event of a defect, to the extent permitted by law, these are the sole and exclusive remedies.

This warranty does not apply: (a) to consumable parts, such as the cuff or the battery, that diminish over time unless failure has occurred due to a defect in materials or quality; (b) to cosmetic damage, including but not limited to scratches and dents; (c) to damage caused by accident, abuse, misuse, contact with liquid; (d) to damage caused by operating the iHealth product outside the parameters of the instruction manual, the technical specifications, or other iHealth product published guidelines; (e) to damage caused by service performed by anyone who is not a representative of iHealth.

"iHealth" is a trademark of iHealth Labs, Inc.

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ELECTROMAGNETIC COMPATIBILITY INFORMATION

- This medical device meets the following essential performance requirements:
  1. Limits of the error of the manometer.
  2. Reproducibility of the blood pressure determination.
- If EMI affects the above performance, please stop using the device.
- 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 operate normally.
- 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, which may result in improper operation.
- 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 BP-300CL, including cables specified by the manufacturer. Otherwise, performance of this equipment could degrade.

Table 1 - Emission

Phenomenon	Compliance	Electromagnetic Environment
RF emissions conducted emissions	CISPR 11 User 1, Class B	Home healthcare environment
Harmonic distortion	IEC 61000-3 2 Class A	
Voltage fluctuations and flicker	IEC 61000-3 3 Compliance	

Table 2 – Enclosure Port

Phenomenon	Basic EMC Standard	Immunity Test Levels
		Home Healthcare Environment
Electrostatic Discharge	IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air
Radiated RF EM field	IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz 80% AM at 1 kHz
Proximity fields from RF wireless communications equipment	IEC 61000-4-3	Refer to Table 3
Rated power frequency magnetic fields	IEC 61000-4-8	30 A/m 50 Hz or 60 Hz
Proximity magnetic fields	IEC 61000-4-39	Refer to Table 5

Table 3 – Proximity Fields from RF Wireless Communications Equipment

Test frequency (MHz)	Band (MHz)	Immunity Test Levels
		Professional healthcare facility environment
385	380-390	Pulse modulation 18 Hz, 27 V/m
450	430-470	FM, ±5 kHz deviation, 1 kHz sine, 28 V/m
710	704-787	Pulse modulation 217 Hz, 9 V/m
745		
780		
810	800-960	Pulse modulation 18 Hz, 28 V/m
870		
930		
1720	1700-1990	Pulse modulation 217 Hz, 28 V/m
1845		
1970		
2450	2400-2570	Pulse modulation 217 Hz, 28 V/m
5240	5100-5800	Pulse modulation 217 Hz, 9 V/m
5500		
5785		

Table 4 – Input AC Power Port

Phenomenon	Basic EMC Standard	Immunity Test Levels
		Home Healthcare Environment
Electrical fast transients/ burst	IEC 61000-4-4	±2 kV 100 kHz repetition frequency
Surges (line-to-line)	IEC 61000-4-5	±0.5 kV ±1 kV
Conducted disturbances induced by RF fields	IEC 61000-4-6	3 V, 0.15 MHz to 80 MHz 6 V in ISM and amateur radio bands between 0.15 MHz and 80 MHz 80% AM at 1 kHz
Voltage dips	IEC 61000-4-11	0% U_T, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°
		0% U_T, 1 cycle and 70% U_T, 25/30 cycles Single phase at 0°
Voltage interruptions	IEC 61000-4-11	0% U_T, 250/300 cycles

Table 5 - Test Specifications for Enclosure Port Immunity to Proximity Magnetic Fields

Test Frequency	Modulation	Immunity Test Level (A/m)
30 kHz	CW	8
134.2 kHz	Pulse modulation 2.1 kHz	65
13.56 MHz	Pulse modulation 50 kHz	7.5

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