

CRABCLAW U80A

CRABCLAW Automatic Upper Arm Blood Pressure Monitor

Model: U80A - User Manual

INTRODUCTION

Thank you for choosing the CRABCLAW Automatic Upper Arm Blood Pressure Monitor. This device is designed for accurate and convenient measurement of systolic and diastolic blood pressure, as well as pulse rate, for home use. Regular monitoring of your blood pressure can provide valuable insights into your cardiovascular health. Please read this manual thoroughly before using the device to ensure correct operation and to obtain the most accurate results.

IMPORTANT SAFETY INFORMATION

- Consult your physician before using this device if you have any medical conditions.
- Do not use this device for diagnosis or treatment of any health problem or disease. Always consult a medical professional for diagnosis and treatment.
- Do not adjust medication based on measurements from this blood pressure monitor without consulting your doctor.
- Keep the device out of reach of children and pets.
- Do not use the device in a moving vehicle.
- Avoid measuring blood pressure within 30 minutes after eating, exercising, smoking, or drinking alcohol.
- Ensure the cuff is applied correctly and comfortably to avoid inaccurate readings or discomfort.

PACKAGE CONTENTS

Please check the box for the following items:

- CRABCLAW Blood Pressure Monitor Unit
- Adjustable Upper Arm Cuff (9-17 inch)
- Instruction Manual
- 4 x AAA Batteries
- USB-C Cable
- Storage Pouch



Image: The CRABCLAW Blood Pressure Monitor unit with its digital LED display and the adjustable upper arm cuff. This image shows the main components included in the package.

PRODUCT OVERVIEW

The CRABCLAW Blood Pressure Monitor features a large LED display for clear readings and intuitive controls for ease of use. It is designed for two users, storing up to 199 readings per user.

LED DIGITAL DISPLAY



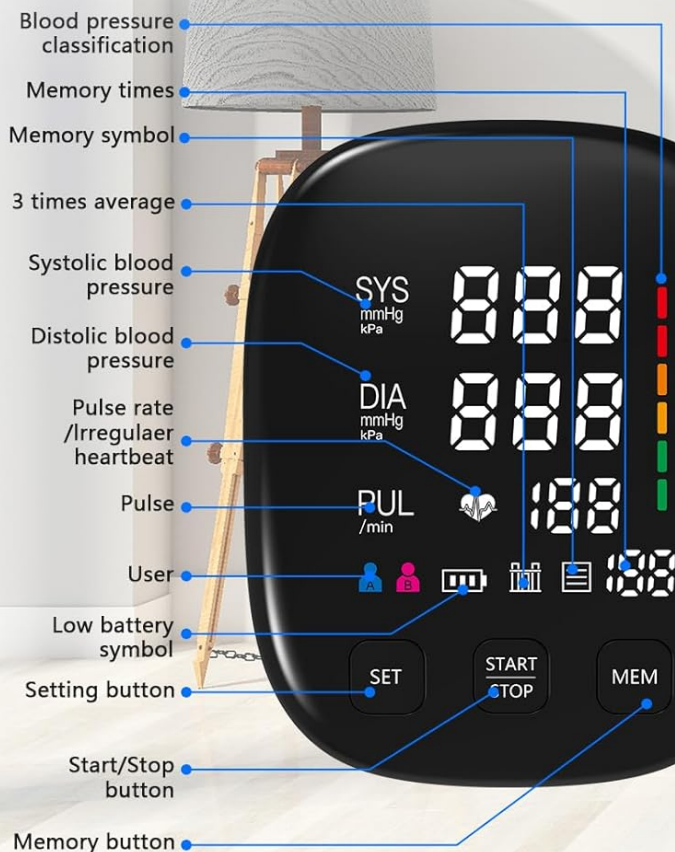
Multi-color



Easy Night Reading



Clear



	SYS	DIA
SEVERE	≥ 180	≥ 110
MODERATE	160~170	100~109
MILD	140~159	90~99
HIGH-NORMAL	130~139	85~89
NORMAL	120~129	80~84
OPTIMAL	≤ 119	≤ 79

Image: A detailed diagram of the blood pressure monitor's LED digital display, highlighting various indicators such as systolic and diastolic pressure, pulse rate, user icons, memory symbols, and a color-coded blood pressure classification chart.

Key Components:

- **Main Unit:** Houses the digital display, control buttons (SET, START/STOP, MEM), and internal components.
- **Upper Arm Cuff:** Adjustable cuff (9-17 inches) for comfortable and accurate measurement.
- **Air Tube:** Connects the cuff to the main unit.
- **Battery Compartment:** Located on the bottom of the unit.
- **USB-C Port:** For alternative power supply.

SETUP

1. Power Supply:

The monitor can be powered by 4 AAA batteries (included) or via a USB-C cable (included).

1. **Battery Installation:** Open the battery compartment cover on the bottom of the unit. Insert 4 AAA batteries, ensuring

correct polarity (+/-). Close the cover securely.

2. **USB-C Power:** Connect the USB-C cable to the port on the side of the monitor and the other end to a compatible USB power adapter (not included) or a computer USB port.

TWO POWER OPTIONS

4 AAA batteries can be used
300 times under normal
condition



Image: The blood pressure monitor unit displaying its battery compartment with AAA batteries inserted and the USB-C charging port, illustrating the two power options.

2. Cuff Connection:

Insert the air tube connector from the cuff firmly into the air jack on the side of the main unit.

3. Applying the Cuff:

1. Sit quietly and rest for at least 5 minutes before measurement.
2. Place the cuff directly on your bare upper arm, about 1-2 cm above the elbow joint.
3. Ensure the air tube runs down the center of your arm in line with your middle finger.
4. Wrap the cuff snugly around your arm, but not too tight. The bottom edge of the cuff should be about 1-2 cm above the elbow.
5. The center of the cuff should be at the same height as your heart.

LARGE & COMFORTABLE CUFF

Give you a comfortable measurement feeling

Intelligent Inflation Reduces Discomfort and Prevents Overinflation.

Wide Range Cuff Size
9-17 inch



Image: A person demonstrating the correct placement of the adjustable blood pressure cuff on their upper arm, emphasizing the comfortable fit and wide range of the cuff.

OPERATING INSTRUCTIONS

Taking a Measurement:

1. Ensure the cuff is correctly applied and you are in a relaxed, seated position with your feet flat on the floor and your arm resting on a table.
2. Press the **START/STOP** button. The cuff will automatically inflate.
3. Remain still and silent during the measurement.
4. Once the measurement is complete (approximately 40 seconds), the cuff will deflate, and your systolic pressure, diastolic pressure, and pulse rate will be displayed on the screen.
5. The device will automatically save the reading to the current user's memory.
6. To turn off the device, press the **START/STOP** button again, or it will automatically shut off after 60 seconds of inactivity.

ADVANCED ACCURACY TECHNOLOGY

High-precision sensors enable blood pressure measurement accuracy of $\pm 3\text{mmHg}$ and pulse rate $\pm 5\%$ of reading



**One-touch
Operation**



**3 Times
Average**



**Fast
Measurement**



Image: The blood pressure monitor showing a typical reading, illustrating its advanced accuracy technology and one-touch operation for fast and reliable measurements.

Dual-User Mode Switching:

This monitor supports two users (User A and User B), each with independent memory storage.

1. To switch between User A and User B, press the **SET** button when the device is off. The user icon will toggle between A and B.
2. Ensure the correct user is selected before taking a measurement to store readings in the appropriate memory bank.

DUAL-USER MODE SWITCHING

Stores up to 199 readings per user



Image: Two blood pressure monitors side-by-side, illustrating the dual-user mode with separate displays for User A and User B, each capable of storing up to 199 readings.

Viewing Memory Records:

The monitor stores up to 199 sets of readings for each user.

1. With the device off, press the **MEM** button.
2. The most recent reading will be displayed first.
3. Press the **MEM** button repeatedly to scroll through previous readings.
4. To clear all memory records for the current user, press and hold the **MEM** button for 5 seconds while viewing memory records.

UNDERSTANDING YOUR READINGS

The monitor displays Systolic (SYS), Diastolic (DIA), and Pulse (PUL) readings. The color-coded indicator on the display helps you quickly understand your blood pressure status according to WHO/ISH classification.

Blood Pressure Classification (WHO/ISH)

Category	Systolic (mmHg)	Diastolic (mmHg)
Severe	≥180	≥110
Moderate	160–179	100–109
Mild	140–159	90–99
High-Normal	130–139	85–89
Normal	120–129	80–84
Optimal	≤119	≤79

Note: SYS lower than 100mmHg (13.3kPa) is considered as hypotension.

Irregular Heartbeat Indicator:

If the monitor detects an irregular heartbeat during measurement, an irregular heartbeat symbol (a heart icon with wavy lines) will appear on the display. If this symbol appears frequently, please consult your physician.

MAINTENANCE AND CARE

- **Cleaning:** Wipe the monitor and cuff with a soft, dry cloth. If necessary, use a slightly damp cloth with mild soap, then wipe dry. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in its storage pouch in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity.
- **Battery Replacement:** Replace all 4 AAA batteries when the low battery indicator appears on the display. Remove batteries if the device will not be used for an extended period.
- **Cuff Care:** Do not wash the cuff. If it becomes dirty, wipe it with a damp cloth.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display when powered on.	Batteries are dead or incorrectly inserted; USB-C cable not connected properly.	Check battery polarity and replace if necessary. Ensure USB-C cable is securely connected.
Cuff does not inflate or inflates too little.	Air tube not connected; air leakage from cuff; cuff not properly wrapped.	Ensure air tube is firmly connected. Check cuff for damage. Re-wrap cuff snugly.
Inaccurate or inconsistent readings.	Incorrect cuff placement; movement or talking during measurement; not resting before measurement.	Refer to "Applying the Cuff" section. Remain still and silent. Rest for 5 minutes before measuring. Wait 1-1.5 minutes between measurements.
"Err" message on display.	Measurement error; excessive movement; cuff too loose/tight.	Relax and re-take the measurement. Ensure proper cuff application.

SPECIFICATIONS

Feature	Detail
Model Number	U80A

Feature	Detail
Measurement Method	Oscillometric
Measurement Range	Pressure: 0-299 mmHg; Pulse: 40-199 beats/minute
Accuracy	Pressure: ±3 mmHg; Pulse: ±5% of reading
Cuff Size	9-17 inches (22-42 cm)
Memory	2 users x 199 readings each
Power Source	4 x AAA batteries (DC 6V) or USB-C (DC 5V)
Display Type	LED Digital Display
Product Dimensions	4.52"L x 3.85"W x 6.1"Th
Weight	Approx. 1.12 Pounds (without batteries)

WARRANTY AND SUPPORT

CRABCLAW provides a standard warranty for this product against defects in materials and workmanship under normal use. For specific warranty terms and conditions, please refer to the warranty card included in your package or contact CRABCLAW customer support.

If you encounter any issues or have questions regarding your CRABCLAW Blood Pressure Monitor, please contact our customer support team:


- **Website:** [Visit the CRABCLAW Store on Amazon](#)
- **Email:** (Please refer to product packaging or warranty card for specific email address)
- **Phone:** (Please refer to product packaging or warranty card for specific phone number)

Please have your model number (U80A) and purchase date ready when contacting support.

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Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

Related Documents - U80A

	<p>Samsung LED TV Service Manual: UN46ES8000F, UN55ES8000F, UN60ES8000F, UN65ES8000F</p> <p>This service manual provides detailed information for the Samsung LED TV models UN46ES8000F, UN55ES8000F, UN60ES8000F, and UN65ES8000F. It includes safety precautions, product specifications, and model comparisons.</p>
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