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> Automatic Blood Pressure Monitor Upper Arm with Large LED Backlit Display, Accurate Digital BP Monitor with Adjustable Cuff 8.7"-16.5", 3x199 Sets Memory, Include Batteries and Type C Cable Colorized Screen

## VERWINT U80AH

# Automatic Blood Pressure Monitor User Manual

## VERWINT MODEL U80AH

### 1. Introduction

The VERWINT Automatic Blood Pressure Monitor (Model U80AH) is designed for accurate and convenient blood pressure and heart rate measurement at home. Featuring a large LED backlit display and memory for multiple users, this device provides reliable readings to help you monitor your health effectively.

Its high-sensitivity sensor detects pressure changes for accurate results, and the device indicates incorrect posture or cuff placement. It supports up to three users with 199 records each, totaling 597 records, making it suitable for family use. The large, colorized LED display ensures easy readability in various lighting conditions, with a colorful light strip indicating WHO blood pressure classification.

### 2. Safety Information

To ensure accurate measurements and safe operation, please observe the following guidelines:

- Do not eat, consume alcohol, or smoke for at least 30 minutes prior to taking a measurement.
- Avoid exercising or bathing for 30 minutes before measurement.
- Rest for at least 5 minutes before taking a measurement.
- Ensure the cuff is correctly placed on your upper arm, as indicated by the device.
- Consult a healthcare professional for interpretation of your blood pressure readings. This device is for informational purposes and not a substitute for medical advice.

### 3. Package Contents

Verify that all items are present in your package:

- Blood Pressure Monitor (Model U80AH)
- Adjustable Arm Cuff (8.7"-16.5")
- 4 x AA Batteries
- USB Type-C Cable
- User Manual

### 4. Product Overview



Figure 4.1: Front view of the Blood Pressure Monitor with cuff.

# Large LED Backlight Display

Make values with extra-large sizes easily readable even in very low light.



Figure 4.2: Close-up of the large LED backlit display, showing clear readings.

# Readings with date and time.

More reliable blood pressure track.

## User measurement data

2024 02/28 116 / 68 / 65  
SYS DIA PUL

2024 03/01 118 / 70 / 60  
SYS DIA PUL

2024 03/02 116 / 75 / 70  
SYS DIA PUL

2024 03/03 117 / 69 / 72  
SYS DIA PUL



Figure 4.3: Dual power supply options: USB-C port and AA battery compartment.

# 199 Memory x 3 Users

Record readings separately without causing confusion.

1

2

3

Store up to 597 Readings in total

Track the blood pressure changes for a family of three

Figure 4.4: User selection buttons for tracking up to three individuals' readings.

## Key Features:

- **Large LED Backlit Display:** Provides clear, oversized numbers for easy reading in any light.
- **WHO Blood Pressure Classification:** A colorful light strip on the left side of the display indicates your reading's classification according to WHO guidelines.
- **High-Sensitivity Sensor:** Ensures accurate results by detecting subtle pressure changes and indicating incorrect posture or cuff wrap.

- **3 User Memory:** Stores up to 199 records for each of three users, including date and time.
- **Irregular Heartbeat Detection:** Alerts you to potential irregular heartbeats.
- **Average of Last 3 Readings:** Calculates the average of your most recent three measurements for a more stable reference.
- **Dual Power Supply:** Can be powered by 4 AA batteries (included) or a USB Type-C cable (included).

## 5. Setup

### 5.1 Power Supply

1. **Battery Installation:** Open the battery compartment on the back of the monitor. Insert the 4 AA batteries, ensuring correct polarity (+/-).
2. **USB-C Power:** Alternatively, connect the provided USB Type-C cable to the monitor's USB-C port and plug the other end into a compatible USB power adapter (not included) or a computer USB port.

### 5.2 Cuff Connection

1. Locate the air tube connector on the arm cuff.
2. Firmly insert the air tube connector into the air jack on the left side of the blood pressure monitor. Ensure a secure connection.

### 5.3 Video Guide: Setup and Operation

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Video 5.1: Official product video demonstrating the setup and basic operation of the VERWINT Blood Pressure Monitor. This video shows how to install batteries, connect the cuff, and initiate a measurement.

## 6. Operating Instructions

### 6.1 Before Measurement

- Sit in a comfortable position with your back supported and feet flat on the floor.
- Place your arm on a flat surface so the cuff is at heart level.
- Ensure the cuff is wrapped snugly around your upper arm, approximately 2-3 cm (1 inch) above the elbow joint. The air tube should run down the center of your arm.
- Remain still and silent during the measurement.

### 6.2 Taking a Measurement

1. **Select User:** Press the user selection button (1/2/3 icons) to choose the desired user profile (User 1, User 2, or User 3). The selected user icon will illuminate on the display.
2. **Start Measurement:** Press the **START/STOP** button. The cuff will begin to inflate automatically.
3. **Reading Display:** Once the measurement is complete, the monitor will display your Systolic Blood Pressure (SYS), Diastolic Blood Pressure (DIA), and Pulse Rate (PUL). The colorful light strip on the left will indicate your blood pressure classification.
4. **Power Off:** The device will automatically power off after 3 minutes of inactivity to conserve battery. You can

also press the **START/STOP** button to manually turn it off.

### 6.3 Memory Function

1. **Access Memory:** With the device off, press the **MEM** button. The display will show the average of the last three readings for the currently selected user.
2. **Browse Records:** Press the **MEM** button repeatedly to scroll through individual past measurements, displayed with date and time.
3. **Clear Memory:** To clear all records for the selected user, press and hold the **MEM** button for approximately 5 seconds until "CLr" appears and then disappears.

### 6.4 Video Guide: Operation in Use

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Video 6.1: A user demonstrating the ease of use of the blood pressure monitor, including starting a measurement and viewing results.

Your browser does not support the video tag.

Video 6.2: A user demonstrating the monitor's functionality and confirming its effective operation.

## 7. Maintenance

- **Cleaning:** Wipe the monitor and cuff with a soft, dry cloth. If necessary, use a slightly damp cloth with mild soap, then dry thoroughly. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity. Keep it out of reach of children.
- **Battery Replacement:** Replace all four AA batteries when the low battery indicator appears on the display.

## 8. Troubleshooting

Problem	Possible Cause	Solution
No display/Device won't turn on	Batteries are dead or incorrectly inserted; USB-C cable not connected properly.	Check battery polarity, replace batteries, or ensure USB-C cable is securely connected.
Error message (e.g., "Err")	Cuff not applied correctly; movement during measurement; irregular heartbeat detected.	Re-apply cuff snugly, remain still and silent, or consult a doctor if irregular heartbeat persists.
Inaccurate readings	Incorrect cuff size or placement; not resting before measurement; talking during measurement.	Ensure correct cuff placement and size, rest for 5 minutes before measuring, and remain silent.

## 9. Specifications

- **Model Name:** U80AH
- **Product Dimensions:** 5.2"L x 4.5"W x 1.85"Th
- **Weight:** 1.15 Pounds
- **Cuff Size:** 8.7" - 16.5" (Arm circumference)
- **Display Type:** Large LED Backlit Display
- **Power Source:** 4 x AA Batteries (included) or USB Type-C Cable (included)
- **Memory:** 3 users, 199 sets of memory per user
- **Manufacturer:** Shenzhen Urion Technology Co., Ltd.
- **First Available Date:** November 7, 2022

## 10. Warranty and Support

The VERWINT Automatic Blood Pressure Monitor comes with a **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the quality and reliability of your device. For any questions, concerns, or support needs regarding your product, please contact VERWINT customer service. We are committed to providing high-quality products and excellent service.

**Contact Information:** Please refer to the contact details provided on the product packaging or the official VERWINT website for the most up-to-date support information.