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› AlphaMed Blood Pressure Monitor U80A User Manual

## AlphaMed U80A

# AlphaMed Blood Pressure Monitor

MODEL: U80A USER MANUAL

## Introduction

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This manual provides detailed instructions for the proper use and maintenance of your AlphaMed U80A Blood Pressure Monitor. Please read this manual thoroughly before using the device to ensure accurate measurements and safe operation. This device is designed for home use to measure blood pressure and pulse rate on the upper arm.

## What's in the Box

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# What's in the box?

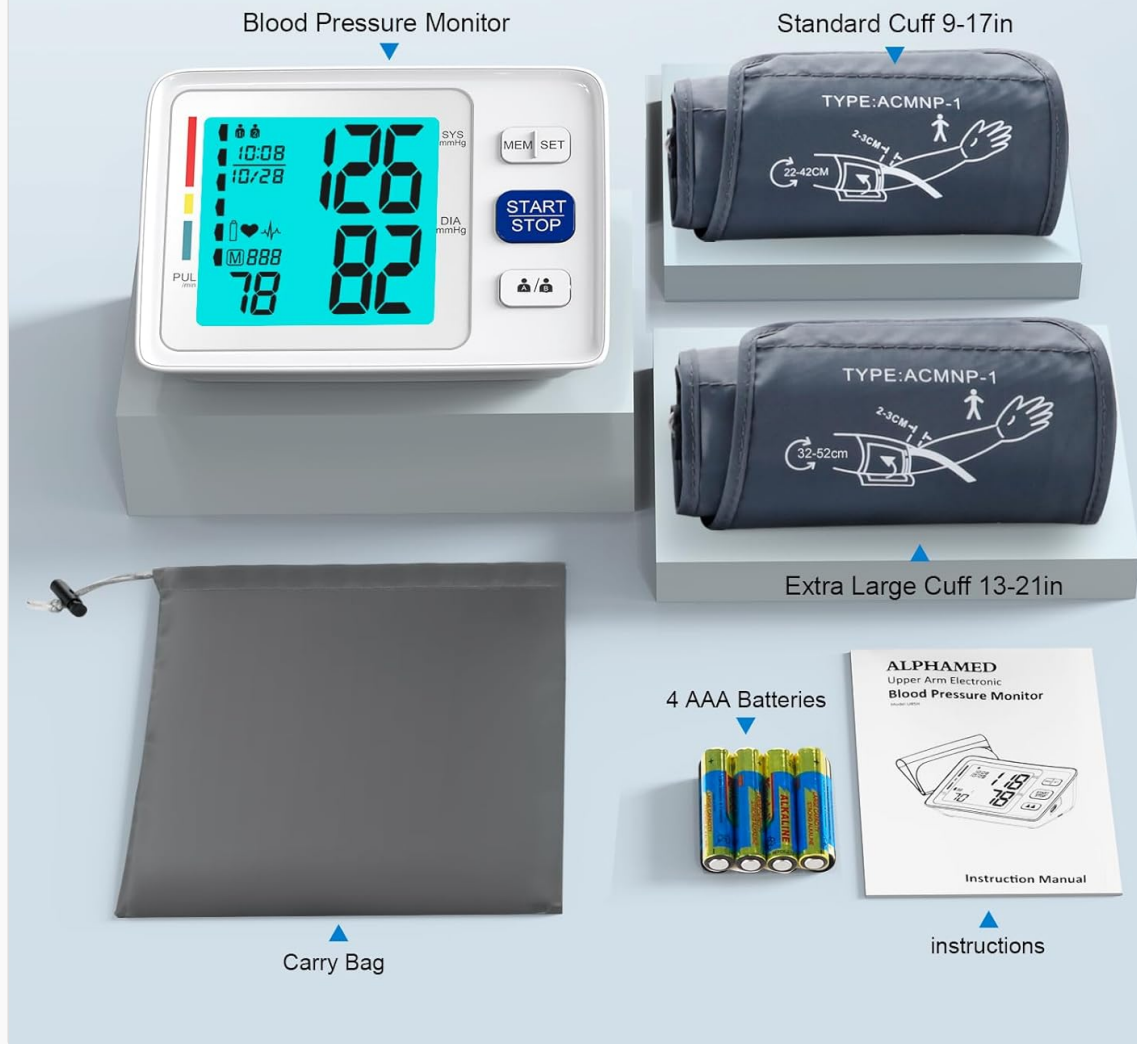


Figure 1: Included components of the AlphaMed U80A Blood Pressure Monitor package.

- 1x AlphaMed Blood Pressure Monitor (Model: U80A)
- 1x Standard Upper Arm Cuff (fits arm circumference 9-17 inches)
- 1x Extra Large Upper Arm Cuff (fits arm circumference 13-21 inches)
- 4x AAA Batteries
- 1x Nylon Carry Bag
- 1x Quick User Guide
- 1x User Manual (this document)

## Product Overview

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**Figure 2:** The AlphaMed U80A Blood Pressure Monitor and its accompanying cuffs.

The AlphaMed U80A Blood Pressure Monitor features a large backlit LCD display for easy reading, oversized numbers, and simple operation. It is equipped with a high-accuracy algorithm for reliable measurements and adaptive pressure control technology for user comfort. The device supports two users with up to 500 memories each, totaling 1000 readings.

## Large Blue Backlit Display



Figure 3: The large, easy-to-read backlit LCD display.

## Large Button & Simple To Use



Figure 4: Simplified operation with large buttons, including the Start/Stop button.

### Setup

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### Power Options

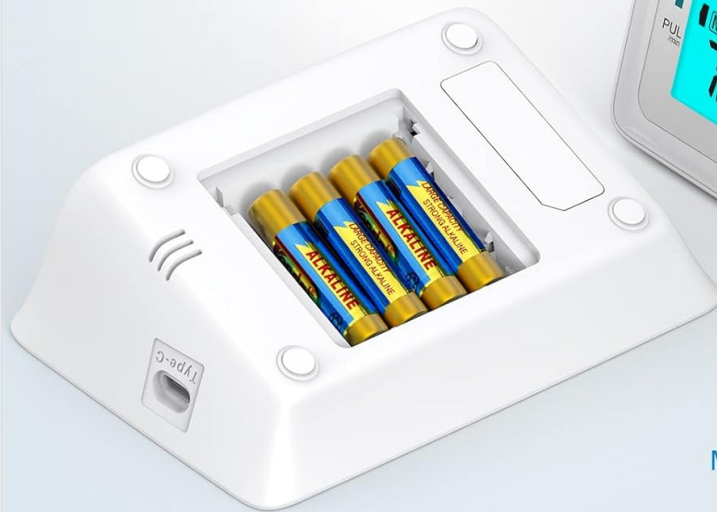
## Two Power Options



Auto Shut Off



Low Battery  
Indication



4 AAA Battery (included)



Micro USB Cable  
(not include)



Figure 5: The monitor supports both battery and USB power.

1. **Battery Power:** Open the battery compartment on the bottom of the device. Insert four (4) AAA batteries, ensuring correct polarity (+/-). Close the battery cover securely.
2. **USB Power:** Connect a Micro USB cable (not included) to the USB port on the side of the monitor and plug the other end into a compatible USB power adapter (not included) or a computer USB port.

*Note: Batteries are included for immediate use. The device features a low battery indicator and an auto shut-off function to conserve power.*

### Setting Date and Time

To ensure accurate record-keeping, set the current date and time:

1. With the device off, press and hold the "MEM/SET" button for a few seconds until the year starts flashing on the display.
2. Press the "MEM/SET" button repeatedly to adjust the year. Once the desired year is displayed, press the "START/STOP" button to confirm and move to the month setting.
3. Repeat the process for setting the month, day, hour (in 24-hour format), and minutes.
4. After setting the minutes, press "START/STOP" to save the settings and exit the setup mode.

### Attaching the Cuff

Select the appropriate cuff size (Standard 9-17" or Extra Large 13-21") for your upper arm circumference. Connect the air tube from the cuff securely into the air jack located on the side of the monitor.

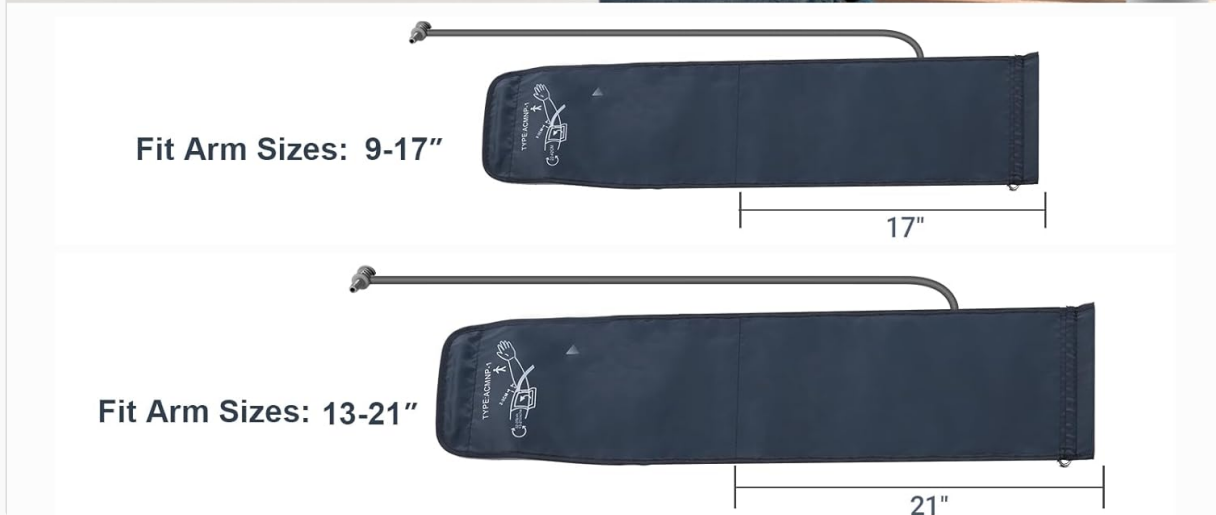


Figure 6: Two adjustable cuff sizes are included to fit various arm circumferences.

## Operating Instructions

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### Cuff Placement

Proper cuff placement is crucial for accurate readings:

1. Sit comfortably with your back supported and feet flat on the floor.
2. Place the cuff on your bare upper arm, approximately 1-2 cm above the elbow joint. Ensure the air tube runs down the center of your arm.
3. The bottom edge of the cuff should be about 1 inch (2-3 cm) above the elbow.
4. Wrap the cuff snugly around your arm, but not too tightly. The index line on the cuff should fall within the range indicated on the cuff itself.
5. Rest your arm on a table or flat surface with the palm facing upwards, ensuring the cuff is at heart level.

### Taking a Measurement

1. Ensure the cuff is correctly attached to the monitor and properly placed on your arm.

2. Press the large "START/STOP" button. The cuff will begin to inflate automatically.
3. Remain still and silent during the measurement. Avoid talking or moving.
4. Once the measurement is complete, the cuff will deflate, and your systolic pressure, diastolic pressure, and pulse rate will be displayed on the screen.
5. The reading will automatically be stored in the selected user's memory.

## Dual User Mode



Figure 7: The monitor supports two users, each with separate memory storage.

- Before taking a measurement, press the user selection button (usually indicated by two person icons) to toggle between User 1 and User 2.
- Ensure the correct user is selected before initiating a measurement to store readings in the appropriate profile.

## Memory Function

To review past measurements:

1. Press the "MEM/SET" button when the device is off.
2. The display will show the average of the last three readings.
3. Press the "MEM/SET" button again to scroll through individual past readings, from most recent to

oldest.

- To exit memory mode, press the "START/STOP" button or wait for the device to automatically shut off.

## Maintenance

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- 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 carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- Battery Replacement:** Replace all four 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:** Ensure the cuff is clean and free from damage. Do not wash the cuff in a washing machine.

## Troubleshooting

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Problem	Possible Cause	Solution
Display does not turn on.	Batteries are dead or incorrectly inserted; USB cable not connected.	Check battery polarity, replace batteries, or ensure USB connection is secure.
Error message during measurement.	Cuff not properly applied; movement or talking during measurement; irregular heartbeat detected.	Reapply cuff correctly, remain still and silent, consult a healthcare professional if irregular heartbeat persists.
Inconsistent readings.	Improper cuff placement; not resting before measurement; taking multiple readings too quickly.	Ensure correct cuff placement, rest for 5 minutes before measurement, wait 3-5 minutes between readings.

## Specifications

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- Model Number:** U80A
- Brand:** AlphaMed
- Product Dimensions:** 1"L x 1"W x 1"Th
- Weight:** 1.52 Pounds
- Cuff Sizes:** 9-17 inches (Standard), 13-21 inches (Extra Large)
- Power Source:** 4x AAA Batteries (included) or USB Powered (adapter not included)
- Display Type:** LCD with Backlight
- Memory:** 2 users x 500 memories each
- Included Components:** Monitor, 2 Cuffs, 4 AAA Batteries, Carry Case, User Manual
- Manufacturer:** Shenzhen Urion Technology Co., Ltd.

## Warranty & Support

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For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or visit the official AlphaMed website. Keep your purchase receipt as proof of purchase for warranty claims.

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