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BBLOVE AES-U512

BBLOVE Arm Blood Pressure Monitor

MODEL: AES-U512

User Manual

Introduction

Thank you for choosing the BBLOVE Arm Blood Pressure Monitor AES-U512. This device is designed to provide accurate and reliable blood pressure measurements for home use. Please read this manual thoroughly before using the device to ensure correct operation and to understand all safety precautions.

Package Contents

The BBLOVE Arm Blood Pressure Monitor package includes the following components:

- BBLOVE Arm Blood Pressure Monitor Unit
- Adjustable Arm Cuff (22-42 cm)
- USB Charging Cable
- Portable Travel Bag
- User Manual (this document)

Safety Information

Please observe the following safety precautions to ensure safe and accurate use of your blood pressure monitor:

- Consult your physician before using this device if you have any medical conditions.
- Do not use this device on infants, children, or individuals who cannot express consent.
- Do not self-diagnose or self-medicate based on measurement results. Always consult a healthcare professional.
- Avoid taking measurements in a moving vehicle or during strenuous activity.
- Keep the device away from strong electromagnetic fields.
- Do not disassemble or attempt to repair the device. Contact customer support if issues arise.
- Use only the specified cuff and accessories provided by the manufacturer.

Product Overview

The BBLOVE Arm Blood Pressure Monitor features a large, clear LCD display, one-touch operation, and a comfortable adjustable cuff. Below is an image illustrating the main components of the device.



Image: BBLOVE Arm Blood Pressure Monitor AES-U512. The image shows the main unit with its large display, connected to the adjustable arm cuff. The display shows example blood pressure readings and indicators.

Key features include:

- **Accurate and Reliable Readings:** Advanced detection technology ensures pulse accuracy of $\pm 5\%$ and blood pressure accuracy of ± 3 mmHg.
- **Dual User Memory:** Stores up to 190 readings for each of two users, with clear date and time stamps.
- **Large Color Screen and Voice Broadcast:** Easy-to-read backlit display with color indicators for blood pressure levels. Optional voice announcement of results.
- **One-Touch Operation and Rechargeable Battery:** Quick, automatic readings with a single button. Integrated rechargeable battery provides over 200 uses per charge.
- **Wide Arm Cuff:** Adjustable cuff (22-42 cm) fits most adult arm sizes, with smart cuff control guidance for correct positioning.

Setup

1. **Charge the Device:** Before first use, fully charge the blood pressure monitor using the provided USB cable. Connect the USB cable to the device and a compatible USB power source. The charging indicator will show the charging status.
2. **Set Date and Time:** Refer to the detailed instructions in the full manual for setting the date and time. This ensures accurate recording of measurement data.
3. **Connect the Cuff:** Insert the air tube connector of the arm cuff firmly into the air jack on the side of the main unit.

Operating Instructions

1. **Prepare for Measurement:**
 - Sit comfortably with your back supported and feet flat on the floor.
 - Rest your arm on a table so the cuff is at heart level.
 - Avoid talking, moving, or eating for at least 5 minutes before measurement.
 - Ensure your arm is bare or has only thin clothing.
2. **Apply the Arm Cuff:**
 - Wrap the cuff around your upper left arm, approximately 1-2 cm above the elbow joint.
 - The air tube should run down the center of your arm, aligned with your middle finger.
 - Secure the cuff snugly with the Velcro fastener, ensuring it is not too tight or too loose. The cuff should fit arms with a circumference between 22 cm and 42 cm.
3. **Start Measurement:**
 - Press the **START/STOP** button. The cuff will automatically inflate.
 - Remain still and silent during the measurement.
 - Once the measurement is complete, the cuff will deflate, and your systolic pressure, diastolic pressure, and pulse rate will be displayed on the screen.
 - If the voice broadcast function is enabled, the results will also be announced.
4. **Turn Off:** The device will automatically turn off after a period of inactivity, or you can press the **START/STOP** button to turn it off manually.

Memory Function (Dual User)

The BBLOVE monitor supports two users, each with storage for up to 190 readings. To switch between users or view past readings:

- Press the **USER** button to select User 1 or User 2.
- Press the **MEM** button to cycle through stored readings for the selected user. Readings are displayed with date and time.

Maintenance

- **Cleaning:** Wipe the device 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 and cuff in the provided travel bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery:** Recharge the device when the low battery indicator appears. Avoid fully depleting the battery for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or no charge.	Charge the device using the USB cable.
Error message on display.	Cuff not applied correctly, movement during measurement, or irregular pulse.	Reapply the cuff correctly. Remain still and silent. Wait a few minutes and try again. If the issue persists, consult a physician.
Inaccurate readings.	Incorrect cuff placement, talking/moving during measurement, or incorrect posture.	Ensure correct cuff placement and measurement posture. Avoid movement and talking. Take multiple readings and average them.
Cuff does not inflate.	Air tube not connected properly or leak in the cuff.	Check that the air tube is securely connected to the main unit. Inspect the cuff for any damage.

Specifications

Feature	Detail
Model Name	AES-U512
Brand	BBLOVE
Manufacturer	Alicn Medical Shenzhen Inc
Cuff Size	22 - 42 cm (Arm Circumference)
Memory	2 users x 190 readings each
Blood Pressure Accuracy	±3 mmHg
Pulse Accuracy	±5%
Power Source	Rechargeable Internal Battery (USB charging)
Product Dimensions (L x W x H)	14.9 x 9.1 x 6.4 cm
GTIN / UPC	739768508557

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official BBLOVE website. Keep your purchase receipt as proof of purchase for warranty claims.

