

sinocare AES-U131

Sinocare AES-U131 Automatic Upper Arm Blood Pressure Monitor User Manual

Model: AES-U131

1. INTRODUCTION

This manual provides essential instructions for the safe and effective operation of your Sinocare AES-U131 Automatic Upper Arm Blood Pressure Monitor. Please read this manual thoroughly before first use and retain it for future reference. This device is designed for home use to measure systolic and diastolic blood pressure and pulse rate in adults.



2. SAFETY INFORMATION

- Consult your physician before using this device if you have any medical conditions.
- Do not use this device on infants, children, or individuals unable to express consent.
- Measurements taken with this device are for reference only. Always consult a healthcare professional for diagnosis and treatment.
- Do not self-diagnose or self-medicate based on the measurement results.
- Avoid taking measurements in a moving vehicle or during physical activity.
- Keep the device away from strong electromagnetic fields.
- Ensure the cuff is applied correctly and not too tightly to avoid discomfort or inaccurate readings.

3. PACKAGE CONTENTS

Upon opening the package, verify that all items are present and undamaged:

- 1 x Sinocare AES-U131 Upper Arm Digital Blood Pressure Monitor
- 1 x Adjustable Upper Arm Cuff (22-42 cm / 8.66-16.5 inches)
- 4 x AAA Batteries
- 1 x Instruction Manual (this document)

4. PRODUCT FEATURES

The Sinocare AES-U131 Blood Pressure Monitor is equipped with several features designed for ease of use and accurate measurement:

- **High Accuracy:** Clinically validated algorithm for reliable measurements.
- **Comfortable Cuff:** Ergonomically designed cuff (22-42 cm) for a wide range of arm sizes.
- **Two User Modes:** Supports two individual users, each with 90 memory records.
- **One-Key Operation:** Simple start/stop button for quick measurements.
- **Voice Broadcast:** Announces measurement results for enhanced accessibility.
- **Irregular Heartbeat Detector:** Alerts users to potential irregular heartbeats.
- **Large Display:** Clear, easy-to-read digital display.
- **Dual Power Modes:** Operates on 4 AAA batteries or via Type-C USB power.
- **Automatic Shut-off:** Conserves battery life by powering off after inactivity.

Advanced Features

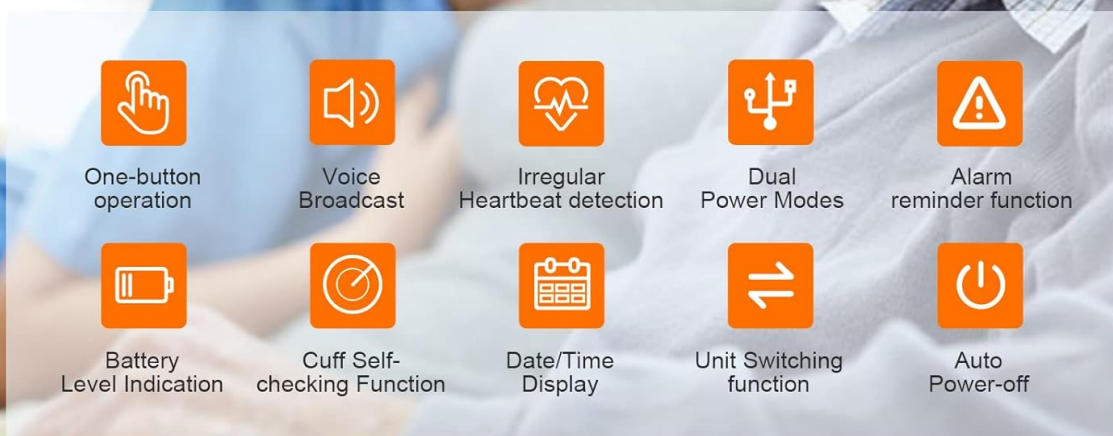


Image 4.1: Visual representation of the monitor's advanced features, including one-button operation, voice broadcast, irregular heartbeat detection, dual power modes, and alarm reminder function.



Image 4.2: An annotated image highlighting the display elements and buttons: Setting button, Memory button, Start/Stop button, User group indicator, Blood pressure level indication, Systolic and Diastolic pressure, Pulse Rate, Heartbeat icon, and Cuff detection indicator.

5. SETUP

5.1. Battery Installation

1. Open the battery compartment cover on the bottom of the monitor.
2. Insert the 4 AAA batteries according to the polarity indicators (+ and -) inside the compartment.
3. Close the battery compartment cover securely.

Alternatively, the device can be powered via a Type-C USB cable (not included) connected to a compatible power source.

Two Power Mode

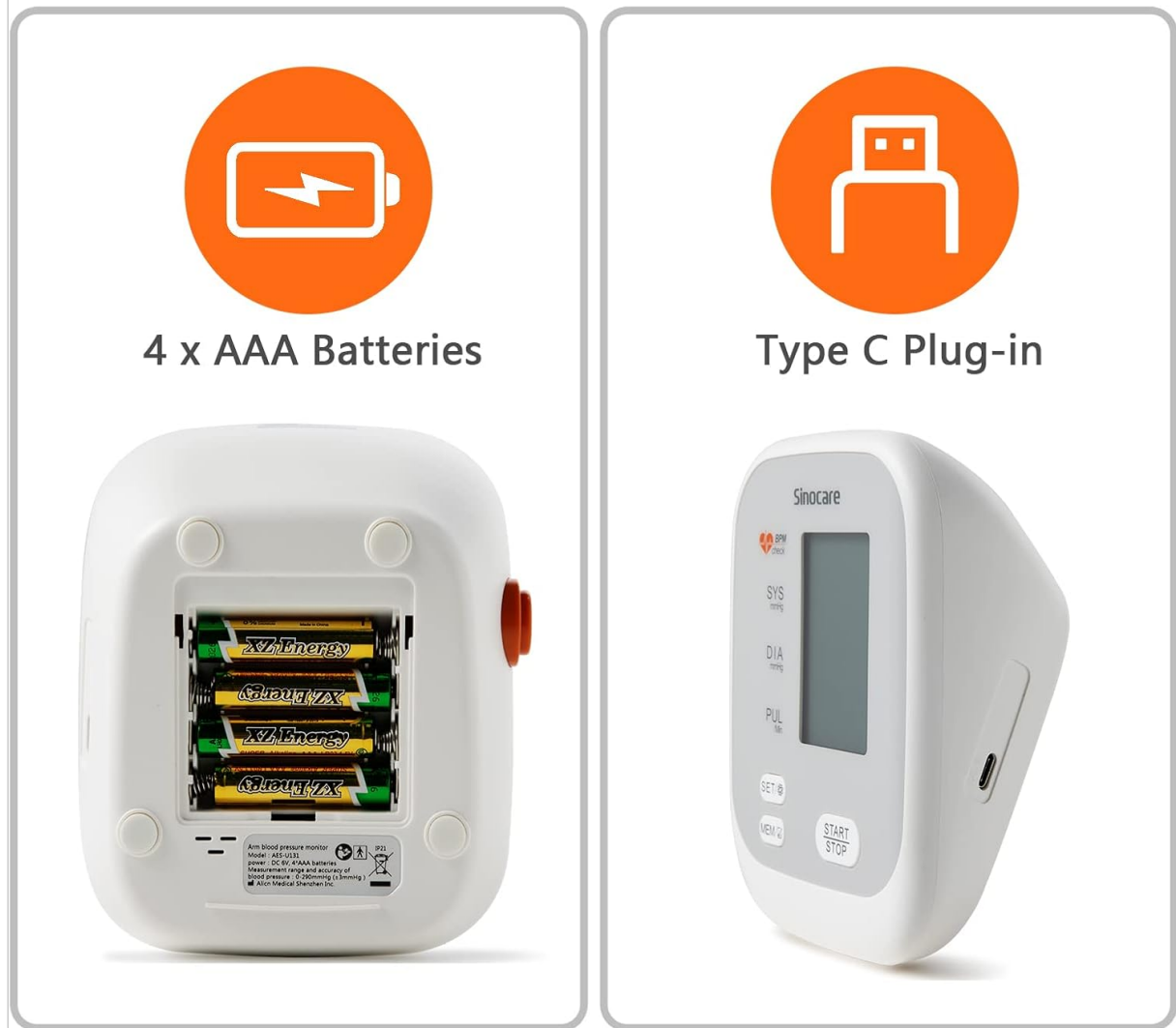


Image 5.1: The monitor's dual power options: the battery compartment for 4 AAA batteries and the Type-C USB port for external power.

5.2. Cuff Connection

1. Locate the air tube connector on the side of the monitor.
2. Firmly insert the air tube plug from the cuff into the connector port until it clicks into place.
3. Ensure the connection is secure to prevent air leakage during measurement.

6. OPERATING INSTRUCTIONS

6.1. Preparing for Measurement

- Avoid eating, drinking alcohol, smoking, exercising, and bathing for 30 minutes before measurement.
- Rest for at least 5-10 minutes before taking a measurement.
- Sit in a comfortable position with your back supported and feet flat on the floor. Do not cross your legs.
- Place your arm on a flat surface so the cuff is at heart level.
- Remove tight-fitting clothing from your upper arm.

6.2. Applying the Arm Cuff

1. Unroll the cuff and pass the end through the metal ring to form a loop. The smooth cloth surface

should be on the inside of the loop.

2. Slide your left arm through the cuff loop. The air tube should run down the inside of your arm.
3. Position the cuff so the bottom edge is approximately 2-3 cm (0.8-1.2 inches) above your elbow joint. The artery mark on the cuff should align with your brachial artery (on the inside of your arm).
4. Tighten the cuff around your arm using the Velcro closure. Ensure it is snug but not too tight; you should be able to insert two fingertips underneath the cuff.



Image 6.1: Proper application of the adjustable arm cuff, showing the cuff positioned correctly on the upper arm.



Image 6.2: A visual guide demonstrating the steps for preparing, wearing the cuff, measuring, and obtaining accurate results.

6.3. Taking a Measurement

1. Press the "START/STOP" button. The cuff will automatically inflate, and the measurement will begin.
2. Remain still and silent during the measurement. Do not talk or move your arm.
3. Once the measurement is complete, the cuff will deflate, and your systolic pressure, diastolic pressure, and pulse rate will be displayed on the screen.
4. If the voice broadcast function is enabled, the results will be announced.
5. The measurement will automatically be stored in the selected user's memory.
6. Press "START/STOP" again to turn off the device, or it will automatically power off after a period of inactivity.



One-button Operation With Smart Voice Broadcast



Image 6.3: Demonstrates the one-button operation with a hand pressing the "START/STOP" button, and icons indicating voice guidance and mute design.

6.4. Switching User Modes

The device supports two users (User 1 and User 2), each with independent memory storage.

1. Before taking a measurement, press the "SET" button to toggle between User 1 and User 2. The active user icon will be displayed on the screen.
2. All subsequent measurements will be stored under the selected user profile.

Two Users

90 Sets Of Data Record



Image 6.4: Illustrates the two-user mode feature, allowing two individuals to store their measurement data separately.

6.5. Recalling Memory Records

1. With the device off, press the "MEM" button to enter memory recall mode.
2. Repeatedly press the "MEM" button to cycle through previous measurements for the currently selected user.
3. To view the other user's records, first switch the user mode using the "SET" button, then enter memory recall.

7. UNDERSTANDING YOUR RESULTS

The display shows three main values:

- **SYS (Systolic Pressure):** The top number, indicating the pressure in your arteries when your heart beats.
- **DIA (Diastolic Pressure):** The bottom number, indicating the pressure in your arteries between beats.
- **PUL (Pulse Rate):** Your heart rate, measured in beats per minute.

7.1. Irregular Heartbeat Detection (IHB)

If the device detects an irregular heartbeat during measurement, an IHB symbol (often a heart icon with wavy lines) will appear on the display. This indicates that a pulse rhythm inconsistent with a normal heartbeat was detected. If this symbol appears frequently, consult your physician.

8. MAINTENANCE AND CARE

- Clean the monitor and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- Store the device in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity.
- Remove batteries if the device will not be used for an extended period to prevent leakage.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Batteries are depleted or incorrectly installed.	Replace batteries or check polarity. Ensure Type-C cable is connected if using external power.
Error message (e.g., "E1", "E2") displayed.	Cuff not applied correctly, movement during measurement, or air leakage.	Reapply cuff, remain still, check cuff connection. Refer to manual for specific error codes.
Inaccurate readings.	Improper cuff placement, movement, talking, or incorrect body posture.	Review "Preparing for Measurement" and "Applying the Arm Cuff" sections. Take multiple measurements.
No voice broadcast.	Voice function is muted or volume is too low.	Check device settings to enable voice broadcast and adjust volume.

10. SPECIFICATIONS

- **Model:** AES-U131
- **Measurement Method:** Oscillometric
- **Measurement Range:**
 - Pressure: 0-299 mmHg
 - Pulse: 40-199 beats/minute
- **Accuracy:**
 - Pressure: ± 3 mmHg
 - Pulse: $\pm 5\%$ of reading
- **Cuff Size:** 22-42 cm (8.66-16.5 inches)
- **Memory:** 2 users, 90 records per user
- **Power Source:** 4 x AAA batteries (DC 6V) or Type-C USB (DC 5V)
- **Operating Conditions:** 5°C to 40°C (41°F to 104°F), 15% to 85% RH
- **Storage Conditions:** -20°C to 55°C (-4°F to 131°F), 10% to 93% RH

- **Dimensions:** Approximately 6.1 x 4.8 x 3.78 inches
- **Weight:** Approximately 8.4 ounces (238 grams) without batteries

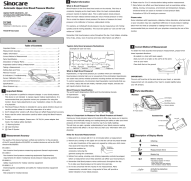

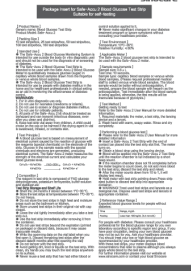



11. WARRANTY AND SUPPORT

The Sinocare AES-U131 Blood Pressure Monitor comes with a **2-year limited warranty** on both the device and the cuff from the date of purchase. This warranty covers manufacturing defects under normal use.

For warranty claims, technical support, or any questions regarding your device, please contact Sinocare customer service. Contact information can typically be found on the product packaging or the official Sinocare website.

Please have your model number (AES-U131) and purchase date ready when contacting support.

Related Documents - AES-U131

	<p>Sinocare BA-823 Automatic Upper Arm Blood Pressure Monitor User Manual</p> <p>Comprehensive user manual for the Sinocare BA-823 Automatic Upper Arm Blood Pressure Monitor, covering setup, measurement, interpretation, and maintenance. Learn how to accurately monitor your blood pressure at home.</p>
	<p>Sinocare AES-U181 Arm Blood Pressure Monitor User Manual</p> <p>User manual for the Sinocare AES-U181 Arm Blood Pressure Monitor. Provides detailed instructions on setup, operation, maintenance, troubleshooting, and safety guidelines for accurate blood pressure and pulse rate measurement.</p>
	<p>Sinocare Safe-Accu 2 Blood Glucose Test Strips: User Guide and Specifications</p> <p>Comprehensive package insert for Sinocare Safe-Accu 2 Blood Glucose Test Strips, covering intended use, test principles, performance, and important warnings for self-testing.</p>
	<p>Sinocare BSX516 Blood Pressure Monitor User Manual</p> <p>Comprehensive guide for the Sinocare BSX516 Blood Pressure Monitor, detailing setup, operation, measurement methods, and troubleshooting for accurate home blood pressure monitoring.</p>
	<p>Safe-Accu Blood Glucose Monitoring System User Manual</p> <p>User manual for the Sinocare Safe-Accu Blood Glucose Monitoring System, providing instructions on setup, testing, maintenance, and troubleshooting.</p>
	<p>Safe AQ Smart, Safe AQ Voice, Safe AQ Air Blood Glucose Meter User Manual</p> <p>Comprehensive user manual for the Sinocare Safe AQ Smart, Safe AQ Voice, and Safe AQ Air blood glucose monitoring systems. Learn about intended use, safety information, test principles, operation, troubleshooting, and maintenance.</p>

