maguja RN-032A

maguja Arm Blood Pressure Monitor RN-032A User Manual

Model: RN-032A

1. Introduction

This manual provides essential instructions for the safe and effective operation of your maguja Automatic Upper Arm Blood Pressure Monitor, Model RN-032A. 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, as well as pulse rate.

2. What's in the Box



Image: The maguja Blood Pressure Monitor package contents, including the main unit, cuff, manual, and storage bag.

- 1 x maguja Blood Pressure Monitor (Model RN-032A)
- 1 x Upper Arm Blood Pressure Cuff (8.66-16.54 inches / 22-42 cm)
- 1 x Instruction Manual
- 1 x Storage Bag
- Batteries are not included (requires 4 x AA batteries)

3. Product Overview



Image: Front view of the maguja Blood Pressure Monitor and its accompanying arm cuff.

The maguja Blood Pressure Monitor features a large, clear digital display and intuitive controls for ease of use. It is designed for accurate and reliable blood pressure and pulse rate measurements at home.

Key Features:

- **One-Button Operation:** Simplifies the measurement process.
- **Blood Pressure Classification:** Displays readings according to WHO/ISH guidelines.
- **Average Value Measurement:** Automatically calculates the average of the last 3 readings.
- **Memory Function:** Stores 60 records for two users (120 total records) with date and time stamps.
- **Wide Range Cuff:** Accommodates arm circumferences from 8.66 to 16.54 inches (22-42 cm).



Image: Visual representation of the monitor's key features, including memory capacity and user support.

4. Setup

4.1 Battery Installation

1. Open the battery compartment cover on the back of the monitor.
2. Insert four (4) AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

4.2 Connecting the Cuff

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. Ensure a snug fit.

5. Operating Instructions

5.1 Preparing for Measurement

- Avoid eating, drinking alcohol, smoking, exercising, and bathing for 30 minutes before measurement.
- Rest for at least 5 minutes before taking a 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.
- Remain still and silent during the measurement.



Image: Guidelines for correct measurement posture and common errors to avoid.

5.2 Applying the Cuff

1. Wrap the cuff around your bare upper left arm, approximately 1-2 cm (about two fingers) above your elbow joint.
2. Ensure the air tube is positioned along the inside of your arm and points towards your hand.
3. The cuff should be snug but not too tight; you should be able to fit two fingers between your arm and the cuff.

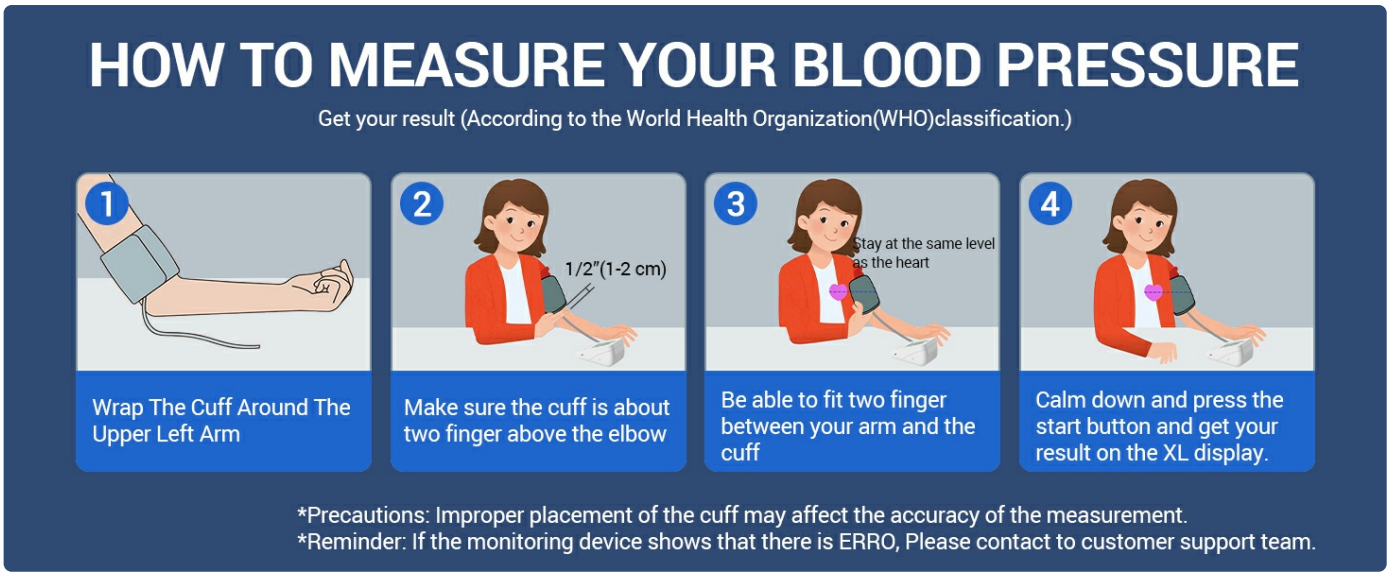


Image: Step-by-step visual guide for correctly applying the cuff and initiating a measurement.

5.3 Taking a Measurement

1. Once the cuff is correctly applied and you are in the proper position, press the**START/STOP** button.
2. The cuff will automatically inflate, and the measurement will begin. Remain still and do not talk.
3. After the measurement is complete, the cuff will deflate, and your systolic pressure (SYS), diastolic pressure (DIA), and pulse rate (PUL) will be displayed on the screen.
4. The reading will automatically be saved to the selected user's memory.



Image: A user demonstrating the simple three-step process for taking a blood pressure reading.

6. Understanding Your Readings

6.1 Blood Pressure Classification

The monitor features a blood pressure classification indicator based on World Health Organization (WHO) and International Society for Hypertension (ISH) guidelines. This indicator provides a visual reference to help you understand your readings:

- **Green:** Normal blood pressure
- **Yellow:** Pre-hypertension
- **Red:** Hypertension

6.2 Memory Function and User Switching

The device supports two users, each with 60 memory records. To switch between User 1 and User 2:

1. Short press the **SET** button until the user symbol starts flashing.
2. Press the **SET** button again to switch between User 1 and User 2.
3. Press the **START/STOP** button to confirm your selection.



Image: Instructions for selecting between two user profiles on the monitor.

6.3 Average Value Measurement

The monitor automatically calculates and displays the average of your last three measurements. This feature helps provide a more stable and representative overview of your blood pressure condition.

7. Important Considerations for Accurate Measurement

- Always measure at the same time of day for consistent results.
- Take multiple readings and average them for a more accurate representation.
- Ensure the cuff size is appropriate for your arm circumference.

- Avoid talking or moving during the measurement process.
- Consult your physician for interpretation of your blood pressure readings.

8. Troubleshooting

If you encounter any issues with your blood pressure monitor, please refer to the table below for common problems and their solutions.

Simple fault analysis

Error Display	Cause	Solution
Err1	Sensor anomaly	1.Do not speak or shake your arms before measurement. 2.Empty the air pressure in the cuff when measuring.
Err2	Pulse is not detected	Check the wearing position of the cuff and re-measure it according to the required posture
Err4	Air deflate before deflating	1. Check whether there is any blockage in the gas path. 2. Check if the cuff is too tight.
Err5	Air tube blocks before inflating	1.Whether the cuff air pipe is compressed 2.Check if the cuff is too loose
Err6	Strong interference during measuring	Please do not to move or speak during the measurement
Err7	Air pressure more than 300mmHg (40.0kPa)	Whether the cuff air pipe is compressed
No reflection	Low power	1.Replace batteries timely 2.Please be sured 5V power adapter is 1000mA or more
No inflation	Cuff is leaking	Please contact the after-sale service
The air pump cannot be started or starts abnormally		Check that the battery voltage is sufficient, or that the current of the

Image: Troubleshooting guide for common error messages and operational issues.

Error Display	Cause	Solution
Err1	Sensor anomaly	1. Do not speak or shake your arms before measurement. 2. Empty the air pressure in the cuff when measuring.
Err2	Pulse is not detected	Check the wearing position of the cuff and re-measure it according to the required posture.

Error Display	Cause	Solution
Err4	Air deflating before inflating	1. Check whether there is any blockage in the gas path. 2. Check if the cuff is too tight.
Err5	Air tube blocks before inflating	1. Whether the cuff air pipe is compressed. 2. Check if the cuff is too loose.
Err6	Strong interference during measuring	Please do not move or speak during the measurement.
Err7	Air pressure more than 300mmHg (40.0kPa)	Whether the cuff air pipe is compressed.
No reflection	Low power	1. Replace batteries timely. 2. Be sure 5V power adapter is 1000mA or more (if using adapter).
No inflation	Cuff is leaking	Please contact the after-sale service.
The air pump cannot be started or starts abnormally		Check that the battery voltage is sufficient, or that the current of the power adapter is sufficient.

9. Specifications

Feature	Detail
Model Number	RN-032A
Brand	maguja
Measurement Method	Oscillometric
Cuff Size	8.66-16.54 inches (22-42 cm)
Power Source	4 x AA Batteries (not included)
Memory Capacity	2 users x 60 records each
Product Dimensions	5.11"L x 3.93"W x 2.67"Th
Item Weight	320 Grams
Manufacturer	Ningbo Ranor Medical Science & Technology Co., Ltd.
Date First Available	February 26, 2022

10. Maintenance

- Clean the monitor and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse in water.
- Store the device in the provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- 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.

11. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or contact maguja customer service. If the cuff is leaking, as indicated in the troubleshooting section, please contact after-sale service for assistance.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I delete measurement readings on the maguja RN-032A blood pressure monitor?

While the provided manual for the maguja RN-032A confirms that the device has a memory function storing 60 records per user, it does not explicitly detail a specific button combination for deleting individual or...

Read full answer