

LinkSun A221-2

LinkSun A221-2 Automatic Digital Upper Arm Blood Pressure Monitor Instruction Manual

Model: A221-2 | Brand: LinkSun

1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety information before using the LinkSun A221-2 Blood Pressure Monitor.

- If you are taking medication, consult with your physician to determine the most appropriate time to measure your blood pressure. Never change a prescribed medication without first consulting with your physician.
- If there is overmuch pressure or you feel uncomfortable, please press the power button immediately for quick deflation.
- Any reading may be affected by the measuring position, the patient's position, movement, or the patient's physical condition.
- Too frequent blood pressure measurements can lead to unnecessary stress and elevated blood pressure.
- Before using, wash your hands.

Legal Disclaimer: Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

2. PRODUCT OVERVIEW

The LinkSun A221-2 is an automatic digital upper arm blood pressure monitor designed for home use. It features a large LCD screen for easy reading and a one-button operation for convenience.



Figure 2.1: LinkSun A221-2 Blood Pressure Monitor and Cuff. This image shows the main unit with its large display and the attached upper arm cuff.

2.1. Package Contents

The package includes all necessary components for immediate use:

- 1x LinkSun A221-2 Blood Pressure Monitor
- 1x Blood Pressure Cuff (Extra Large, 22–42 cm / 8.7–16.5 inches)
- 1x Instruction Manual
- 1x Storage Bag
- 1x Charging Cable (USB-C)



WHAT'S INCLUDED



Blood Pressure Monitor*1



Carrying Bag*1



Cuff*1



USB Cable*1



User Manual*1

Figure 2.2: What's Included. This image displays the blood pressure monitor, carrying bag, cuff, USB cable, and user manual.



What's included

- Blood Pressure Monitor
- Drawstring Carrying Bag
- Comfort Cuff
- USB Cable
- User Manual

Figure 2.3: Package contents shown with seniors, emphasizing ease of use for older adults.

2.2. Monitor Features

- **High-Def Backlit LCD Screen:** Large font digits for clear readability, even in low light.
- **One-Button Operation:** Fully automatic measurement of systolic, diastolic, and pulse rate.
- **Memory Function:** Stores up to 100 readings per user for two users (total 200 records).
- **Irregular Heartbeat Detection:** Alerts users to irregular heart rhythms.
- **Cuff Self-Check & Shake Alert:** Detects incorrect posture or significant movement to reduce measurement errors.
- **Dual Power Supply:** Operates with 4 AA batteries (not included) or via USB-C charging cable.



Figure 2.4: High-Def Backlit Screen. The large, illuminated display ensures clear visibility of readings at any time.

EASY OPERATION

Pressure measurement

Press the Start/Stop button to automatically start blood



Figure 2.5: Easy Operation. The monitor's display shows systolic, diastolic, pulse, user selection, anti-shake symbol, cuff detection, battery symbol, irregular heart rate, and memory symbol.

BLOOD PRESSURE MONITOR

Various powerful and intimate functions suitable for home use

The product image shows the LinkSun blood pressure monitor with its black cuff. The monitor's display shows the time 10:30 AM, a battery level indicator, and a vertical bar graph on the right. The main display shows 'SYS 120' (Systolic) and 'DIA 80' (Diastolic) in large digits. Below this, it shows 'AVG' (Average) and 'PUL 72 /min' (Pulse). At the bottom of the display, there are icons for 'User 1/2', 'Anti-shake Symbol', 'Cuff detection', 'Irregular heart rate', and 'Memory symbol'. The monitor has three buttons at the bottom: 'Memory' (left), 'START STOP' (center), and 'Setup' (right).

- High Accurate
- Large Display
- 200 Memory
- Average Value
- Dual User
- Auto Power off
- Easy Operation
- External Power

Figure 2.6: Blood Pressure Monitor Features. Icons represent high accuracy, large display, 200 memory, average value, dual user, auto power off, easy operation, and external power.

3. SETUP

3.1. Powering the Device

The LinkSun A221-2 Blood Pressure Monitor can be powered in two ways:

1. **Battery Power:** Insert 4 AA alkaline batteries into the battery compartment located on the underside of the device. Ensure correct polarity.
2. **USB-C Power:** Connect the provided USB-C cable to the monitor's port and to a compatible USB power source (e.g., laptop, power bank, wall adapter).



Figure 3.1: Dual Power Supply. The monitor supports both Type-C power supply and battery power (4 AA batteries).

3.2. Attaching the Cuff

Connect the air tube from the cuff securely into the air jack on the side of the monitor.

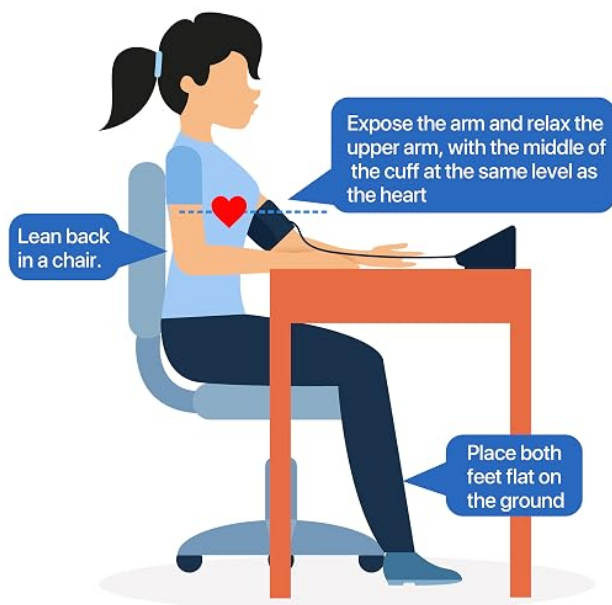
4. OPERATING INSTRUCTIONS

4.1. Pre-Measurement Preparations

For accurate readings, follow these guidelines:

- Rest comfortably in a quiet environment for 5 minutes in a chair.
- Have an empty bladder.
- Do not eat, ingest caffeine, smoke, or engage in physical activity at least 30 minutes prior to the measurement.
- Measure blood pressure in a quiet, private environment with adequate ambient temperature.

Guaranteed more accurate measurement results



Pre-measurement preparations

- ✓ Rest comfortably in a quiet environment for 5 minutes in a chair.
- ✓ Have an empty bladder.
- ✓ Not have eaten, ingested caffeine, smoked, or engaged in physical activity at least 30 minutes prior to the measurement
- ✓ Measure the blood pressure in a quiet, private environment with adequate ambient temperature.

Figure 4.1: Pre-measurement Preparations. This diagram illustrates the correct posture and conditions for taking an accurate blood pressure reading.

4.2. Applying the Cuff

Proper cuff placement is crucial for accuracy:

1. Wrap the cuff around your left upper arm, ensuring the air tube is on the inside of your arm and aligned with your middle finger.
2. Allow two fingers of space between the cuff and your arm.
3. Position the cuff 2-3 cm (0.8-1.2 inches) above the elbow.
4. Ensure the cuff is placed on your arm at the same level as your heart.

HOW TO USE

Please use it correctly to ensure the measured value correctly



1 Wrap the cuff around the left upper arm



2 Allow two fingers of space between the cuffs



3 Two fingers away from the elbow



4 Press the START/STOP button and get the result.

Figure 4.2: How to Use. This visual guide demonstrates the four steps for correctly applying the cuff and initiating a measurement.

4.3. Taking a Measurement

With the cuff correctly applied and the device powered on:

1. Press the **START/STOP** button. The cuff will automatically inflate and begin measurement.
2. Remain still and silent during the measurement.
3. The monitor will display your systolic blood pressure, diastolic blood pressure, and pulse rate once complete.

4.4. Dual User Function

The monitor supports two users, each with 100 memory slots:

- Use the user selection button (often labeled with person icons) to switch between User 1 and User 2 before taking a measurement.
- Press the **MEM** button to review past readings for the selected user.



User 2
100 Memory

User 1
100 Memory

DUAL USERS

Automatically Stores
Memory For Dual Users

200 MEMORY

Supports 200 measurement
histories for 2 users

Figure 4.3: Dual Users, 200 Memory. The monitor supports two users, each storing up to 100 measurement histories.

2 X 100 READINGS

Suitable for the whole family, it can keep an eye on the health of the whole family's blood pressure



100 Readings
stored separately

100 Readings
stored separately

5. MAINTENANCE

5.1. Cleaning the Device

Wipe the monitor and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.

5.2. Storage

Store the device in the provided storage bag in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1. Irregular Heartbeat Detection

If the irregular heartbeat symbol appears after your measurement, it indicates irregular heartbeat activity was detected. Consult a healthcare professional if this occurs frequently.



Figure 6.1: Irregular Heartbeat Detection. The displayed icon indicates irregular heartbeat activity.

6.2. Incorrect Measurement Methods


The monitor includes features to help detect incorrect usage:

- **Cuff Self-Check:** The system automatically detects posture. If incorrect posture or significant movement is detected, an icon will be displayed on the screen as a prompt.
- **Shake Alert:** If the cuff is worn correctly, "OK" will be displayed at the bottom of the screen to reduce measurement errors.



MORE HUMANIZED DESIGN.

Timely detection of wrong detection methods



✘ Crossed legs



✘ Talking



✘ Wrong wearing

🔔 Cuff Self-Check
 The system automatically detects posture. If incorrect posture or significant movement is detected, an icon will be displayed on the screen as a prompt.

📶 Shake Alert
 If the cuff is worn correctly, "OK" will be displayed at the bottom of the screen to reduce measurement errors.

Figure 6.2: More Humanized Design. The monitor detects incorrect posture (crossed legs), talking during measurement, and wrong cuff wearing, providing alerts for accurate readings.

7. SPECIFICATIONS

Feature	Specification
Model Name	A221-2
Brand	LinkSun
Measurement Method	Oscillometric
Measurement Range	Systolic: 57-255 mmHg, Diastolic: 25-195 mmHg, Pulse Rate: 40-199 bpm
Cuff Size	22–42 cm (8.7–16.5 inches)
Power Source	4 AA batteries (not included) or USB-C (DC 5V, 1A)
Memory Capacity	2 users x 100 readings
Display Type	Large LCD Display
Product Dimensions	6.3"L x 3.9"W x 4.3"Th (16.0 x 9.9 x 10.9 cm)
Item Weight	15.2 ounces (430.9 g)
Manufacturer	Bioland

PRODUCT SIZE



Figure 7.1: Product Size. This image provides the dimensions of the monitor and cuff.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official LinkSun website.

Manufacturer: Bioland

Seller: LinkSun