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› A&D Medical Bluetooth Blood Pressure Monitor UA-651BLE User Manual

A&D Medical UA-651BLE

A&D Medical Bluetooth Blood Pressure Monitor UA-651BLE User Manual

Model: UA-651BLE

1. PRODUCT OVERVIEW

The A&D Medical UA-651BLE is a digital Bluetooth blood pressure monitor designed for home use. It provides accurate and comfortable blood pressure readings through its advanced inflation and deflation technology. This device is equipped with simple one-button operation and can wirelessly sync with the A&D Heart Track App for comprehensive health tracking.



Image: The UA-651BLE monitor, its wide-range cuff, and a smartphone displaying the A&D Heart Track App interface. This illustrates the complete product package and its digital integration.

Key Features:

- **Bluetooth Connectivity:** Seamlessly syncs with the A&D Heart Track App (iOS & Android compatible).
- **One-Button Operation:** Simplifies the measurement process for quick and accurate readings.
- **Wide Range Cuff:** Accommodates most upper arm sizes (8.6-16.5" / 22-42cm).
- **Memory Storage:** Stores up to 30 readings on the device.
- **Snapshot Averaging:** Automatically calculates the average of all readings for baseline blood pressure.
- **Irregular Heartbeat (IHB) Detection:** Alerts users to potential irregular heartbeats.

2. SETUP AND PREPARATION

Before using your A&D Medical UA-651BLE monitor, ensure proper setup for accurate readings.

2.1. Battery Installation

The monitor requires 4 AA batteries (included). Ensure they are inserted with the correct polarity as indicated in the battery compartment.

Easy to Use



Plug in AC Adapter/ Install Batteries

1



Pair device with App

2



Wrap Cuff

(ability to slide 2 fingers underneath)

3



Take Measurement

4

*4 AA Batteries (included)

Image: The monitor, cuff, and AA batteries laid out, illustrating the first step of setup: installing batteries.

2.2. Cuff Connection

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

2.3. App Pairing (A&D Heart Track App)

To utilize the full features of your monitor, pair it with the A&D Heart Track App, available for iOS and Android devices.

1. Download the A&D Heart Track App from your device's app store.
2. Set up your account within the app.
3. Select "Add Bluetooth BP Monitor" and choose "UA-651BLE".
4. Press and hold the **START/STOP** button on the monitor to initiate pairing.

5. Follow the on-screen prompts in the app to complete the pairing process.



Image: A visual guide showing the steps to install batteries, pair the device with the app, wrap the cuff, and take a measurement.

3. OPERATING INSTRUCTIONS

Follow these steps for accurate blood pressure measurement.

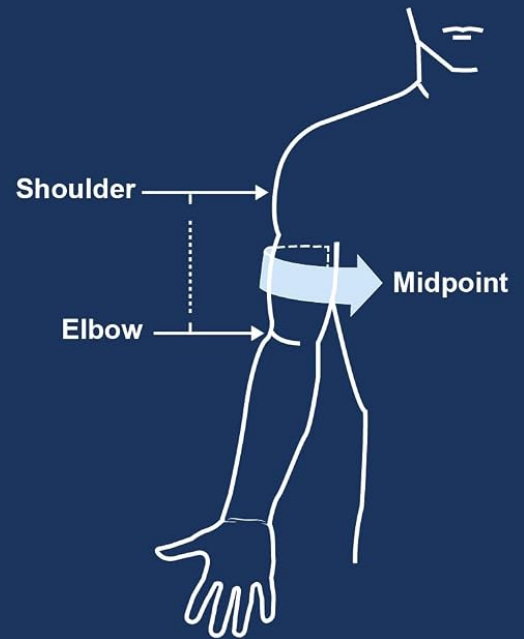
3.1. Proper Cuff Placement

Correct cuff placement is crucial for accurate readings. The wide range cuff fits arm circumferences from 8.6 to 16.5 inches (22-42 cm).

1. Allow your arm to hang at your side.
2. Locate the midpoint between your elbow and shoulder.
3. Wrap the cuff on the bare skin of your left upper arm, 1-2 cm above the elbow, with your palm facing up.
4. Secure the cuff with enough room to fit two fingers underneath.

How to measure for correct cuff size

- Allow your arm to hang at your side
- Locate the midpoint between your elbow and shoulder
- Measure the circumference to confirm your fit.



8.6" - 16.5" inches

Image: A diagram showing how to find the midpoint of the arm and the correct placement of the cuff for measurement.

Find Your Best Fit

If your cuff is too small or large, it may result in inaccurate readings

Supported Sizes:

Small Cuff: 6.3" - 9.4"
Medium Cuff: 9.0" - 14.6"
Large Cuff: 12.2" - 17.7"
Wide Range Cuff: 8.6" - 16.5"



Image: Visual steps for wrapping the cuff, ensuring proper fit, and positioning the arm for measurement.

3.2. Taking a Measurement

For best results, sit quietly for 5 minutes before taking a measurement. Ensure your back is supported and feet are flat on the floor. Avoid talking or moving during the measurement.

- Ensure the cuff is correctly placed and the air tube is connected.
- Sit with your arm at heart level on a flat surface.
- Press the **START/STOP** button. The cuff will inflate automatically.
- Remain still and quiet until the measurement is complete.
- Your systolic (SYS), diastolic (DIA), and pulse (PUL) readings will be displayed on the LCD screen.



Included in the box

- 1 Upper Arm Blood Pressure Monitor
- 1 Wide Range Cuff (8.6-16.5")
- 1 Instruction Manual
- 1 Quick Start Guide
- 1 Carrying Bag
- 4 AA Batteries

Image: A visual guide to proper posture during blood pressure measurement and a list of activities to avoid 30 minutes before.

3.3. Using the A&D Heart Track App

The A&D Heart Track App allows you to log, track, and share your measurements wirelessly. It provides unlimited storage and trend analysis.

- After taking a measurement, the data will automatically sync to the app if your device is paired and the app is open or running in the background.
- View your readings, track trends over time, and set reminders within the app.
- You can share your records via email directly from the app.

Included in the box

1 Upper Arm Blood Pressure Monitor

1 Wide Range Cuff (8.6"-16.5")

1 Instruction Manual

1 Quick Start Guide

1 Carrying Bag

4 AA Batteries



5 Year
protection plan



Unlimited local technical support

Image: A user interacting with the A&D Heart Track App on a smartphone, demonstrating how measurements are logged and tracked.

4. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and accuracy of your blood pressure monitor.

- **Cleaning:** Wipe the monitor and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the monitor and cuff in the provided carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace all four AA batteries when the low battery indicator appears on the display. Do not mix old and new batteries or different types of batteries.

5. TROUBLESHOOTING

If you encounter issues with your UA-651BLE monitor, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No display when powered on.	Batteries are dead or incorrectly inserted.	Replace batteries with new ones, ensuring correct polarity.
Error message (e.g., "E1", "E2").	Cuff not properly applied, movement during measurement, or irregular heartbeat detected.	Re-apply cuff correctly, remain still and quiet, or consult a healthcare professional if IHB persists.
Cannot pair with app.	Bluetooth is off, app not updated, or device not in pairing mode.	Ensure Bluetooth is enabled on your smartphone, update the app, and put the monitor into pairing mode (hold START/STOP button).
Inconsistent readings.	Improper cuff size, incorrect posture, or recent physical activity/stress.	Verify cuff size, ensure proper measurement posture, and rest for 5 minutes before measuring.

6. SPECIFICATIONS

Feature	Detail
Model Name	UA-651BLE
Product Dimensions	5.1"L x 3.8"W x 2.7"Th
Item Weight	9.6 ounces
Power Source	4 AA Batteries (included)
Cuff Size Range	8.6 - 16.5 inches (22-42cm)
Display Type	Digital LCD
Memory Capacity	30 readings
Connectivity	Bluetooth

7. WARRANTY AND SUPPORT

A&D Medical is committed to providing reliable products and support.

- **Warranty:** This product includes a 5-year protection plan. Please refer to the official warranty documentation for full terms and conditions.
- **Technical Support:** Unlimited local technical support is available for assistance with your device.
- **Additional Resources:** A comprehensive User Manual (PDF) is available for download.

Bluetooth Health Companion App

Log, Track and Share Measurements



The image shows a woman sitting at a table, using a Bluetooth blood pressure monitor. The monitor is connected to a smartphone via Bluetooth. The app interface is overlaid on the image, showing the following components:

- Main App Interface:** Displays "Blood Pressure & Heart Rate" with a "+ Measure" button. It shows the latest readings: Blood Pressure 119/78 mmHg and Heart Rate 70 bpm. It also includes an "Overview" section with a "Dash" button and a "Graph" button.
- A&D Heart Track app:** A separate window showing the app's logo and download instructions: "GET IT ON Google Play" and "Download on the App Store".
- 7-Day BP & HR Graph:** A line graph showing "7-Day BP & HR" with three data series: Systolic (blue), Diastolic (green), and Heart Rate (red). The x-axis shows dates from Oct 4 to Oct 10. The y-axis shows mmHg from 30 to 130.
- My Paired Bluetooth BP Monitor:** A section showing the device name "A&D Medical UA-651BLE" and a "Device Settings" button.

Image: An overview of the items included in the product box, along with icons representing the 5-year protection plan and unlimited technical support.