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› Medisana BU 530 Connect Upper Arm Blood Pressure Monitor Instruction Manual

Medisana BU 530 Connect

Medisana BU 530 Connect Upper Arm Blood Pressure Monitor Instruction Manual

Model: BU 530 Connect (51174)

1. INTRODUCTION

The Medisana BU 530 Connect is an advanced upper arm blood pressure monitor designed for accurate and convenient self-measurement of blood pressure and pulse. This device features a traffic light color scale for easy classification of results, detection of irregular heartbeats, and Bluetooth connectivity for data transfer to the VitaDock+ app. It is a certified medical device intended for personal health monitoring.



Image 1.1: The Medisana BU 530 Connect device with its upper arm cuff.

2. SAFETY INFORMATION

Please read this instruction manual thoroughly before using the device. Keep it for future reference. This device is intended for self-measurement of blood pressure and pulse in adults. It is not a substitute for medical consultation or treatment.

- Consult your doctor before using the device if you have any medical conditions, especially if you have an irregular heartbeat.
- Do not use the device on infants, children, or individuals unable to express consent.
- Do not use the device in conjunction with high-frequency surgical equipment.
- If you detect an irregular heartbeat, consult your physician for evaluation. Only a medical professional can assess the type and severity of an arrhythmia.
- Keep batteries out of reach of children.

3. SETUP

3.1. Battery Installation

The Medisana BU 530 Connect requires four AAA batteries (included). Open the battery compartment cover on the back of the device. Insert the batteries according to the polarity markings (+/-) inside the compartment. Close the cover securely.

3.2. Attaching the Cuff

The device comes with an upper arm cuff suitable for arm circumferences between 22 and 36 cm. Ensure the cuff fits snugly but not too tightly around your upper arm, approximately 2-3 cm above the elbow joint. The air tube should run down the inside of your arm, aligned with your middle finger. The cuff is designed for easy application.

Display items:
systolic, diastolic,
pulse, date, time

120 memory slots
for each of 2 users



Upper arm cuff for
22 - 36 cm diameter

Image 3.1: Detailed view of the device display and the upper arm cuff, indicating a cuff size for 22-36 cm diameter.

4. OPERATING INSTRUCTIONS

4.1. Taking a Measurement

1. 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.
2. Press the **START/STOP** button (power button) to begin the measurement. The cuff will inflate automatically.
3. Remain still and silent during the measurement.
4. Once the measurement is complete, the systolic pressure (SYS), diastolic pressure (DIA), and pulse rate (PUL) will be displayed on the large, easy-to-read screen.
5. The results are classified using a color-coded traffic light system on the left side of the display, based on WHO guidelines.
6. If an irregular heartbeat is detected, a corresponding symbol will appear on the display.

4.2. Memory Function

The BU 530 Connect features 120 memory slots for each of two users (User 1 and User 2). To switch between users, use the **SET** button. To view past measurements, press the **MEM** button. Repeatedly pressing **MEM** will cycle through stored readings, including the average of the last three measurements.

4.3. Bluetooth Connection and VitaDock+ App

The device can connect via Bluetooth to the Medisana VitaDock+ app on your smartphone or tablet. This allows for convenient tracking, analysis, and sharing of your blood pressure data. Follow the instructions within the VitaDock+ app to pair your device and synchronize measurements.

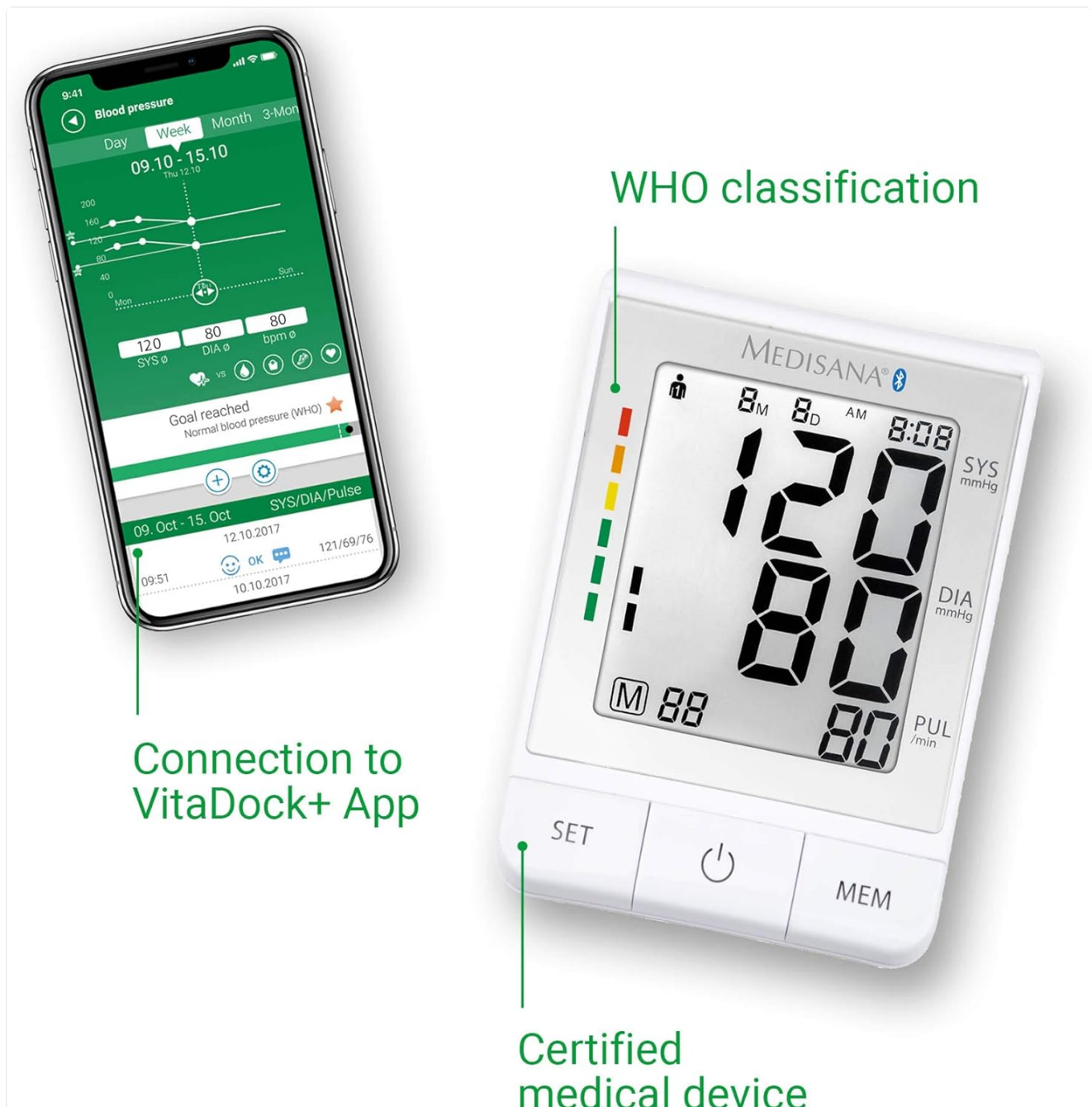


Image 4.1: The Medisana BU 530 Connect displaying results, showing connection to the VitaDock+ App and WHO classification.

5. MAINTENANCE

5.1. Cleaning

Clean the device and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water. The cuff can be gently wiped with a damp cloth and mild soap, then air-dried.

5.2. Storage

Store the blood pressure monitor in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case when not in use to prevent damage.

6. TROUBLESHOOTING

- **Device does not turn on:** Check if the batteries are inserted correctly and are not depleted. Replace batteries if necessary. A low battery warning symbol may appear on the display.
- **Error message on display:** Refer to the specific error code in the full manual (if available) or ensure the cuff is applied correctly and you remained still during measurement.
- **Inaccurate readings:** Ensure proper cuff placement, correct body posture, and avoid talking or moving during measurement. Wait at least 5 minutes between measurements.
- **Bluetooth connection issues:** Ensure Bluetooth is enabled on your smartphone and the VitaDock+ app is installed and running. Try restarting both the device and your phone.

7. SPECIFICATIONS

Model Number	51174
Brand	Medisana
Dimensions (L x W x H)	5.5 x 15.5 x 10 cm
Weight	0.49 grams (excluding batteries)
Power Source	4 x AAA batteries (included)
Cuff Size	Upper arm cuff for 22 - 36 cm diameter
Memory Capacity	2 users x 120 memory slots
Connectivity	Bluetooth

8. WARRANTY AND SUPPORT

The Medisana BU 530 Connect Blood Pressure Monitor comes with a **10-year warranty** from the date of purchase. This warranty covers manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty claims, or further assistance, please contact Medisana customer service. Contact details can typically be found on the official Medisana website or on the product packaging.

