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> Aesfee Digital USB Rechargeable Arm Blood Pressure Monitor AF-2018-DE User Manual

Aesfee AF-2018-DE

Aesfee Digital USB Rechargeable Arm Blood Pressure Monitor

Model: AF-2018-DE User Manual

1. IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before using the device. Ensure the correct measurement method is followed. For specific information regarding your blood pressure, consult your physician.

- This device is intended for adult use only.
- Do not use this device on infants or individuals who cannot express consent.
- Consult your doctor before using this device if you have any medical conditions.
- Do not self-diagnose or self-treat based on measurement results. Always consult a healthcare professional.
- Avoid eating, exercising, smoking, or drinking alcohol 30 minutes before a measurement.
- Rest for at least 5 minutes before taking a measurement.

2. PRODUCT OVERVIEW AND FEATURES

The Aesfee Digital USB Rechargeable Arm Blood Pressure Monitor provides accurate and reliable blood pressure and heart rate measurements. It is designed for ease of use and convenience.



Image 2.1: Front view of the Aesfee Blood Pressure Monitor showing the display and control buttons.

Key Features:

- **Automatic Measurement:** Measures blood pressure and heart rate with a single button press.
- **Rechargeable Lithium Battery:** Built-in battery with USB charging for convenience and environmental protection.
- **Dual User Groups:** Stores up to 99 measurements for each of two users, allowing easy tracking of health records.
- **Large LCD Display:** Clear and easy-to-read display.
- **Comfortable Cuff:** Adjustable cuff (22-42 cm) suitable for medium to large arm circumferences.
- **Irregular Heartbeat Indicator:** Detects and alerts to irregular heartbeats.
- **Automatic Shut-off:** Conserves battery life.

GENAU und ZUVERLÄSSIG



Image 2.2: Diagram highlighting key features: Professional design, fully automatic, measures date and time, large cuff, LCD display with backlight, doctor recommended, one-button measurement, two user modes.

BACKLIT LCD-ANZEIGE



- | | |
|--------------------------------------|--|
| ① Blutdruckanzeige | ⑤ Niederdruckwert (katastrophaler Druck) |
| ② Zeitsymbol | ⑥ Anzahl Benutzergruppen |
| ③ Symbol für schwache Batterie | ⑦ Manschettenerkennung |
| ④ Hochdruckwert (systolischer Druck) | ⑧ Herzschlag-Symbol |
| | ⑨ Anzeige der Pulsfrequenz |

Image 2.3: Detailed view of the backlit LCD display. Labels indicate: 1. Blood pressure display, 2. Time symbol, 3. Low battery symbol, 4. High pressure value (systolic), 5. Low pressure value (diastolic), 6. Number of user groups, 7. Cuff detection, 8. Heartbeat symbol, 9. Pulse frequency display.

3. PACKAGE CONTENTS

The package includes the following items:

- 1 x Aesfee Arm Blood Pressure Monitor
- 1 x USB Charging Cable
- 1 x Storage Pouch
- 1 x User Manual

4. SETUP

4.1 Charging the Device

The device features a built-in rechargeable lithium battery. Before first use, or when the low battery indicator appears, charge the device using the provided USB cable.

1. Connect the micro-USB end of the charging cable to the USB port on the side of the blood pressure monitor.
2. Connect the standard USB end to a compatible 5V USB power source (e.g., wall adapter,

computer USB port, power bank).

3. The battery indicator on the display will show charging status. A full charge typically takes less than 2 hours.

EINGEBAUTE LITHIUM-BATTERIE

Micro-USB-Aufladung Immer und überall



Beliebige Standard-DC 5V-Schnittstelle zum Laden



Ladegerät



Auto-Ladegerät



Laptop / PC



Powerbank

Sorgen Sie sich nie um die Maschine, ohne dass Batterien Ihre Messungen beeinflussen

Image 4.1: The monitor with its built-in lithium battery and micro-USB charging port. It can be charged using various standard 5V DC USB interfaces such as a charger, car charger, laptop/PC, or power bank.

4.2 Attaching the Arm Cuff

Proper cuff placement is crucial for accurate readings.

1. Ensure the cuff is placed directly above your elbow, approximately 2-3 cm above the elbow joint.
2. The air tube should run down the center of your arm.
3. Wrap the cuff snugly around your bare upper arm. It should be tight enough so that two fingers can barely fit between the cuff and your arm.
4. For left arm measurement, the tube should be centered. For right arm measurement, the tube should be on the left side of your arm.

Machen Sie es einfacher, Ihre Gesundheit aufzuzeichnen



Image 4.2: Proper placement of the blood pressure cuff on the upper arm for measurement.



Image 4.3: Detailed view showing the adjustable cuff (22 to 42 cm) suitable for medium and large arm circumferences, the USB charging port, and a non-slip mat on the device's base. Device dimensions are

5. OPERATING INSTRUCTIONS

5.1 Before Measurement

- Sit in a relaxed position with your feet flat on the floor and your arm resting on a table. Do not cross your legs.
- Ensure the cuff is correctly positioned on your arm.
- Rest for at least 5 minutes before taking a measurement.

5.2 Taking a Measurement

1. Press the **"START/STOP"** button to turn on the device. The cuff will automatically inflate.
2. Remain still and silent during the measurement.
3. Once 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 LCD screen.
4. The device will automatically store the reading in the selected user group's memory.
5. To turn off the device, press the **"START/STOP"** button again, or it will automatically shut off after a period of inactivity.

EINFACH ZU VERWENDEN

Automatische Ein-Knopf-Messung
von Blutdruck und Herzfrequenz



Unregelmäßige Herzschlaganzeige

Durchschnittliches Lesen

Verfolgen Sie Datum und Uhrzeit Ihrer Krankenakte

Image 5.1: The monitor is easy to use with automatic one-button measurement of blood pressure and heart rate. It also tracks date and time, displays average readings, and indicates irregular heartbeats.

5.3 User Selection and Memory Function

The device supports two user groups, each storing up to 99 measurements.

- To switch between User 1 and User 2, press the **"SET"** button when the device is off.
- To view past measurements, press the **"MEM"** button when the device is off. Repeatedly pressing **"MEM"** will cycle through stored readings.
- The device also displays the average of the last three measurements.

The time between two measurements should be at least 5 minutes.

6. MAINTENANCE

- Clean the device and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- Store the device in its protective pouch in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Ensure the USB charging port is free from dust and debris.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery.	Charge the device using the USB cable.
Inaccurate readings.	Incorrect cuff placement, movement during measurement, or not resting before measurement.	Ensure proper cuff placement, remain still and silent, and rest for 5 minutes before measuring.
Cuff does not inflate or inflates incorrectly.	Cuff not connected properly, air leakage, or cuff damage.	Check cuff connection. If problem persists, contact customer support.
Error message on display.	Measurement error or device malfunction.	Turn off the device, wait a few minutes, and try again. If the error persists, consult the user manual or contact support.

8. SPECIFICATIONS

Parameter	Value
Model	AF-2018-DE
Pressure Range	0 – 280 mmHg (0 – 37.3 kPa)
Pressure Accuracy	± 3 mmHg / ± 0.4 kPa

Parameter	Value
Pulse Range	40 – 195 beats/min
Pulse Accuracy	± 5%
Cuff Size	22 – 42 cm
Power Source	Rechargeable Lithium Battery (USB 5V)
Display Type	LCD
Operating Environment Temperature	5 – 40 °C
Operating Environment Humidity	15% – 80% RH
Atmospheric Pressure	80 kPa ~ 105 kPa
Dimensions (approx.)	13 x 10 x 4.5 cm (main unit)
Weight (approx.)	520 g
Certifications	CE, RoHS

9. WARRANTY AND SUPPORT

The Aesfee Digital USB Rechargeable Arm Blood Pressure Monitor comes with a 15-month warranty and lifetime technical support.

- **Warranty Period:** 15 months from the date of purchase.
- **Refund Policy:** 30-day full refund policy.
- For warranty claims, technical assistance, or any questions regarding the product, please contact Aesfee customer support. Refer to the product packaging or official website for contact details.