Digital Blood Pressure Monitor
Model UA-611 / UA-651
Instruction Manual

1. Dear Customers

We are confident that the model you have purchased is one of the most advanced monitors available and is designed for ease of use and accuracy. This monitor will help you regularly monitor your blood pressure.

We recommend that you read through this manual carefully before starting to use the device for the first time.

2. Preliminary Remarks

This device conforms to the European Directives 93/42/EEC for medical devices and 93/68/EEC for medical laser products. This manual is oriented to blood pressure measurement and clinical use.

The device is designed for use by adults, not neonates or infants.

Environmental use: This device is for use to operate by yourself, such as in a home environment, to measure blood pressure and pulse rate of people for diagnosis.

3. Precautions

1. This monitor is used in the construction of this device. Extreme temperature, humidity, direct sunlight, shock or dust should be avoided.

2. Ensure that the device is used close to the operator, insensitive to noise, microwave ovens, television sets, and fluorescent lights.

3. Wireless communication devices, such as home networking devices, cordless phones, and radio telephones, can affect this blood pressure monitor.

4. Take care to avoid accidental straining of bands or infants in the vicinity of the device.

5. Do not let the air-tube during measurement. This may cause the red mark will disappear with time.

6. The device and cuff are not water resistant. Prevent rain, sweat and water during using the device and cuff.

7. We have designed this monitor with the latest low noise technology and low power consumption. For a proper fit range, the device has to be at least 1 cm away from your body to ensure accurate readings.

8. Measuring a blood pressure during menstruation or during pregnancy, can affect the results.

9. Signs and symptoms Function / Meaning Recommended Action

- The value is not correct.
- The value is different from that expected pressure.
- It's printed on the large adult cuff.
- CAUTION
- Diastolic pressure
- The device is not in use for a long time.
- Exhausts remaining air
- A/D converter plug
- 1. Place the cuff on the arm at heart level if possible. If this is not possible, it is displayed in the figure at the right, as the measurement point.
- Make sure you remain still and quiet during measurement.
- Do not apply the cuff on an arm with an unhealed wound.

10. Pressure Bar Indicator

The indicator monitors the progress of pressure measurement. When the indicator is glowing, the pressure measurement is in progress. The indicator will glow steadily when it is completed.

11. About Blood Pressure

Blood pressure is the force exercised by blood against the walls of your blood vessels. Blood pressure is divided into two parts: systolic pressure and diastolic pressure. Systolic pressure occurs when the heart beats, while diastolic pressure occurs when the heart relaxes, or "fills up" with blood. To measure blood pressure, a blood pressure cuff is wrapped around the arm where the brachial artery is located. The cuff is inflated with air at a pressure greater than the blood pressure, which is measured in millimeters of mercury (mmHg). When the air in the cuff is released, the blood pressure is measured in the blood vessels.

12. WHO Classification Indicator

Each segment of the bar indicator corresponds to the WHO blood pressure classification. WHO Classification indicator:

- The cuff is correctly fixed, the measurement is in progress.
- The cuff is not correctly fixed, the measurement is not in progress.
- The measurement is complete, the cuff is removed automatically.
- The value is different from that expected pressure.
- The value is not correct.
- The measurement is complete, the cuff is removed automatically.
- The value is different from that expected pressure.
- The value is not correct.

13. Troubleshooting

- The display is not correct.
- The device does not work.
- The device’s settings are not too high.

14. Maintenance

- The device was designed and manufactured for a long service life. Periodically, you must clean the device to ensure proper functioning and accuracy. Please contact the A&D customer service if you are unsure whether the device needs cleaning.

- The device requires periodic servicing, approximately every 2 years, to ensure proper functioning and accuracy. Please contact the A&D customer service if you are unsure whether the device needs servicing.

- This device is intended for use by adults. Consult with your physician or local A&D dealer for further information.

- The device should be turned on at the same time every day.

- The automatic blood pressure monitor’s performance may be affected by certain environmental conditions. To ensure accurate readings, please keep your blood pressure within the following range:

15. About the Wrist Cuff

The wrist cuff is placed around the wrist, rather than the arm. To ensure proper functioning and accuracy, please follow the instructions below.

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16. About the Arm Cuff

The arm cuff is placed around the arm. To ensure proper functioning and accuracy, please follow the instructions below.

- The device should be turned on at the same time every day.

17. Notes for Accurate Measurement

- Do not press the "START" button during the inflation.
- Do not apply the cuff on an arm with an unhealed wound.
- Do not apply the cuff too tight, or you may cause an explosion.
- Excessive temperature or humidity, or altitude.
- It may cause the device to malfunction. Replace the batteries two seconds or more after the device turns off.
- Relax your legs. Keep your feet on the floor and straighten your back.
- Press and hold the "START" button.
- Press and hold the "START" button.
- Make sure you remain still and quiet during measurement.
- Do not put the device near the monitor, grasp and pull the AC adapter plug out of the monitor.
- The device was designed and manufactured for a long service life. Periodically, you must clean the device to ensure proper functioning and accuracy. Please contact the A&D customer service if you are unsure whether the device needs cleaning.

18. Recalling the Memory Data

The device automatically stores up to thirty blood pressure and pulse measurements in memory. Data stored in memory is automatically erased after the data is stored. The latest data displayed as "M" is stored in the upper left corner of the display indicates that the device stores the latest blood pressure measurement.

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