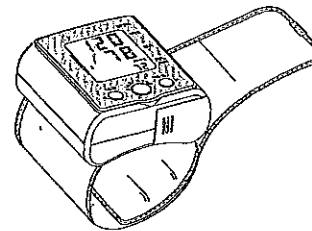


Instruction Manual

Digital Blood Pressure Monitor
Fully Automatic Wrist Style

L67212



Distributed by:JOBAR INTERNATIONAL,INC.
CARSON,CA 90745,USA

Model No.: JB5538

- Thanks for choosing the Digital Blood Pressure Monitor.
- Please read this instruction manual before using your unit.
- Please keep this instruction manual safe for future use.

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Important Safety Notes

- ⚠ To assure the correct use of the product basic safety measures should always be followed including the precautions listed below:**
- Read all informations in the instruction manual and any other literature included in the box before using the unit.
 - Contact your physician for specific information about your blood pressure. Follow the instructions of your healthcare provider.
 - Operate the unit only as intended. Don't use for any other purpose.
 - The unit is intended to use in measuring blood pressure and pulse rate for adult only, not recommended for neonatal baby.
 - Do not use a cellular phone near the unit. It may result in operational failure.
 - Please avoid using in high radiant area in order to make your measuring data correctly.
 - Do not disassemble or attempt to repair the unit or components.
 - Do not use the equipment where flammable gas (such as anesthetic gas, oxygen or hydrogen) or flammable liquid (such as alcohol) are present.

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Warranty Information

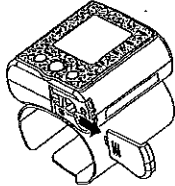
- The unit is guaranteed to be free of defects in workmanship and materials under normal use for a period of Two Years from the date listed on the purchase record.
- For repair under this warranty. Please contact the company where you purchased this unit. A transportation fee or freight fee that may be incurred will be the owner's responsibility. Any defect resulting from natural causes, e.g., flood, hurricane etc., is not within this guarantee. This guaranty does not cover damage incurred by: use of the unit not in accordance with the instructions, accidental damage, or being tampered with or serviced by unauthorized service agents.
- Monitor subjected to misuse, abuse, and neglect of these manual content, non-instructional purposes; unauthorized repair or modifications will be excluded from this warranty. This guarantee specifically excludes expendables and consumables, for example batteries. All warranty claims must be directed to the distributor responsible for the sale of the device. The content of this warranty is subject to change without further notice.
- Periodical check:
Sensitive measuring devices must be checked from time to time for accuracy and leakage, we therefore recommend that the performance should be checked every 2 years and after maintenance and repair.

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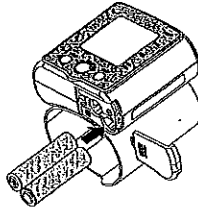
Battery Installation / Replacement

How to Install Battery

- 1** Remove the battery cover from the battery compartment.



- 2** Insert two AAA powerful batteries into the compartment and ensure each battery is in the proper direction.



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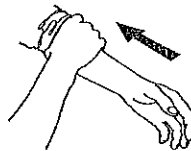
Specifications

Inflation	Automatic by Internal Pump	
Rapid Air Release	Automatic by Air Valve	
Memory Function	Memory 60 Sets Measurement Values	
Power Source	2 AAA Alkaline Batteries; D.C.3V	
Automatic Power-Off	In 2 Minutes	
Gross Weight	Approx. 100g (Batteries not included)	
Operating Environment	Temperature	10 ~ 40°C (50 ~ 104°F)
	Humidity	15 ~ 90%RH (Noncondensing)
Storage Environment	Barometric Pressure	105 ~ 80 kPa
	Temperature	-20 ~ 60°C (-4 ~ 140°F)
	Humidity	10 ~ 95%RH (Noncondensing)

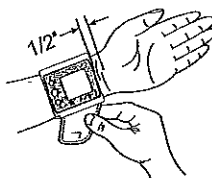
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Proper Way of Measurement

- 1** Remove all clothes from your arm allowing the cuff to fit directly on the skin.



- 2** Wrap the cuff tightly around your wrist by using the Velcro strip.



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Care and Maintenance

Maintenance

<ul style="list-style-type: none"> • Do not clean the body and cuff with naphtha, thinner or gasoline etc. 	<ul style="list-style-type: none"> • Do not wet the cuff or attempt to clean the cuff with water.
<ul style="list-style-type: none"> • Store the unit in a clean and dry location. Do not subject the unit to extreme hot or cold temperature, humidity and direct sunlight. 	<ul style="list-style-type: none"> • Remove the batteries if the unit will not be used for 3 months or longer. Always replace all of the batteries with new ones at the same time.

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Introduction

- Thank you for purchasing the Fully Automatic Wrist Style Digital Blood Pressure Monitor.
- The unit uses the oscillometric method of blood pressure measurement. It means the unit detects the movement of your blood through your brachial artery, and converts your blood pressure into a digital reading. The unit is simple to use because a stethoscope is not needed while using an oscillometric monitor.
- The unit stores automatically 60 sets of measurement values. You can read the stored data conveniently by pressing the memory buttons.



Type B applied part



Attention sign. Consult accompany documents



Symbol for the marking of electrical and electronics devices according to Directive 2002/96/EC.

The device, accessories and the packaging have to be disposed of waste correctly at the end of the usage. Please follow Local Ordinances or Regulations for disposal.

1

Statement

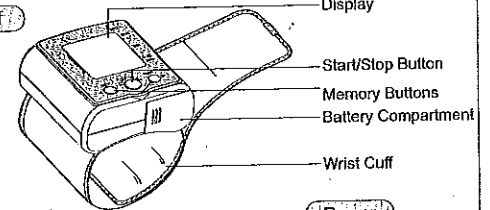
- The intended use: The unit is intended to be used by adults at home or medical centre to measure blood pressure and pulse rate.
- The unit satisfies the requirements of IEC60601-1 Medical electrical equipment, EN1060-1: Non-invasive sphygmomanometer, EN1060-3: Non-invasive sphygmomanometer.
- The unit has passed the EMC Test.
- Blood pressure measurements determined with this device are equivalent to those obtained by a trained observer using the cuff/stethoscope auscultatory method, within the limits prescribed by the American National Standard, Manual, electronic, or automated sphygmomanometers.
- The risk of patient and user can be lowered to acceptable level.
- Substitution of a cuff different from that supplied might result in measurement error.
- Specifications are subject to change without notice due to improvements in performance.

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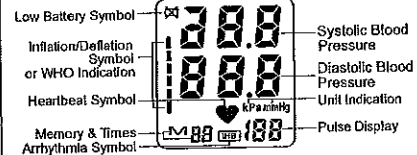
Know Your Unit

Components

Body & Cuff



Display



Power

- 2 AAA Alkaline Batteries (not included)



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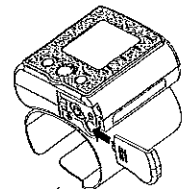
Specifications

Model No.	JB5538	
Display	LCD Digital Display	
Measuring Principle	Oscillometric Method	
Measurement Localization	Wrist	
Cuff	Soft Wrist Cuff	
Measurement Range	Pressure	0 to 299 mmHg (0 ~ 39.9 kPa)
	Pulse	40 to 180 Pulses/min
Accuracy	Pressure	± 3 mmHg (0.4 kPa)
	Pulse	± 5% of reading
LCD Indication	Pressure	3 Digits Display of mmHg or kPa
	Pulse	3 Digits Display
	Symbol	Memory/IB/Heartbeat/Low Battery, etc.

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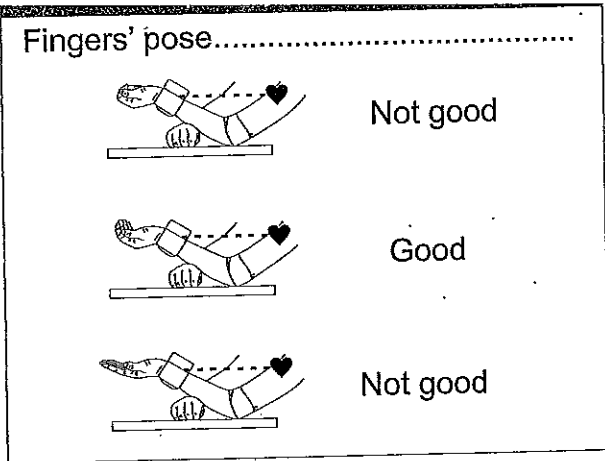
Battery Installation / Replacement

- 3 Replace the battery cover.



- Use two identical 1.5V alkaline batteries type AAA LR03.
- Replace all of the batteries if the symbol of low battery appears on the display.
- Never leave any low battery in the battery compartment since they may leak and cause damage to the unit.

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Eliminate Fault

Problem	Causes and Solutions
No power.	Replace all the worn batteries with two new ones.
No display appears on the display screen.	Check the battery installation for proper placement of the batteries polarities.
Measurement values appear too high or too low.	Blood pressure varies constantly. Many factors including stress, time of day, how you wrap the cuff, may affect your blood pressure. Review the sections "Proper Way of Measurement" and "Take a Measurement".

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Take a Measurement

How to Take a Measurement

- Press the START/STOP button.
All display symbols appear on the screen. The cuff starts to inflate automatically.

- Measurement starts while inflating.
The heartbeat symbol flashes once a pulse is detected.

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About Blood Pressure

Classification of Blood Pressure

After each measurement is completed, the LCD display will show your position automatically on the six segments of the bar indicator which corresponds to WHO Blood Pressure Indicator.

120 130 140 160 180 Systolic Blood Pressure (mmHg)

80 85 90 100 110 Diastolic Blood Pressure (mmHg)

WHO
Red
Yellow
Blue

***Note**
When a person's systolic and diastolic pressures fall into different categories, the higher category should apply.

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Memory Function

How to Use the Memory Function

- The unit stores the blood pressure and pulse rate in the memory after completing each measurement. It can automatically store 60 sets of measurement values. The earliest record is deleted to save the latest measurement value when there are more than 60 sets.
- The unit also calculates an average reading these are based on the last 3 measurements taken.
- The symbol "M" and the relative times will appear at the same time after you press the memory buttons.

To read the average value

Press the \odot memory button. The average value will display on the screen with the average reading.

The Average measurement value

The oldest saved measurement value

Turn to next

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Memory Function

To read the memory values

Press the \odot memory button to view the latest measurement value. Press the \odot memory button to view the earliest measurement value. Press the buttons repeatedly to display the next/previous value.

The 1st latest measurement value

The 2nd latest measurement value

The 60th latest measurement value

To clean out the memory values

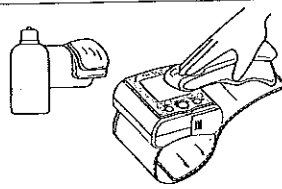
Unit Setting (kPa or mmHg)
In the off setting, press and hold the \odot button until the units are displayed. Press the \odot button again to choose between mmHg and kPa. In North America, the standard unit is mmHg. Once the desired units have been selected, press the START/STOP button twice to start measuring.

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Care and Maintenance

Care

- Keep the unit in the storage case when not in use.
- Clean the unit with a soft dry cloth. Do not use any abrasive or volatile cleaners.
- Never immerse the unit or any components in water.

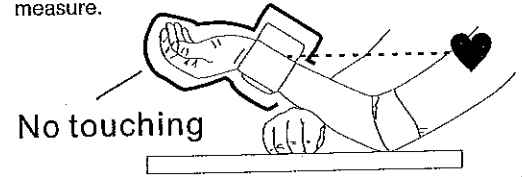


※ Use the unit consistent with the instructions provided in this manual. Use only authorized parts and accessories.

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Proper Way of Measurement

- 1 Turn your palm upwards, stretch your fingers and wrist naturally.
- 2 Use a soft stuff below the BP monitor to support your arm as the figure shown below.
- 3 Keep your wrist at the same level of your heart.
- 4 Sit upright in a chair, and take about 10 times deep breath to relax your entire body, especially between your elbow and fingers. Then turn on the unit and start to measure.



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Exceptional Situations

Error Indicators

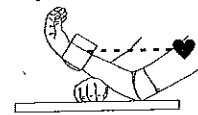
■ The following symbol will appear on the display when measuring abnormal.

Symbol	Cause	Correction
Err	The course of inflating appears error.	Wrap the cuff correctly and tightly. Inflate over again after ensuring.
	When measurement fails.	Do not move your arm and body, and keep quiet. Measure over again according to correct way.
Lo	When the batteries power are too low.	Replace all of the worn batteries with two new ones.

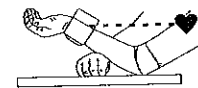
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Proper Way of Measurement

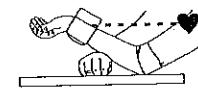
Wrist's pose



Not good



Good



Not good

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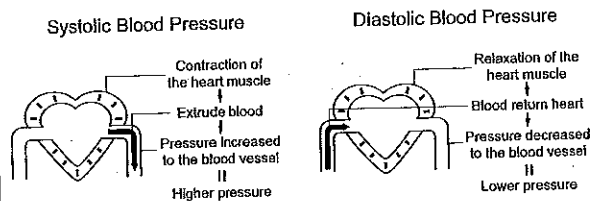
About Blood Pressure

Blood Circulation

The blood circulation is responsible for supplying the body with oxygen. Blood pressure is the pressure exerted on the arteries.

The systolic blood pressure value (higher pressure or top value) represents the blood pressure produced by contraction of the heart muscle.

The diastolic blood pressure value (lower pressure or lower value) represents the blood pressure produced by relaxation of the heart muscle.




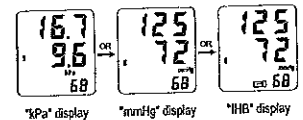
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Take a Measurement

- 3 The blood pressure and pulse rate are displayed when the measurement is completed.

The cuff is deflated automatically, and the measurement results are stored in the memory.

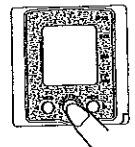
The  symbol will be displayed if arrhythmia is detected.



- 4 Press the START/STOP button to turn off the unit.

The unit will automatically turn off after two minutes if it is not used in that time.

Please rest for about 30-60 seconds before taking your next measurement.



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