INSTRUCTION MANUAL

Automatic **Blood Pressure Monitor** Model BP710CAN 5328169-3A

INTRODUCTION

Thank you for purchasing the OMRON® BP710CAN IntelliSense® Automatic Blood

Wollton.		
Fill in for future reference.		
DATE PURCHASED:		
SERIAL NUMBER:		
Staple your purchase receipt here		

Your new digital blood pressure monitor uses the oscillometric method of blood pressure measurement. This means the monitor detects your blood's movement through your brachial artery and converts the movements into a digital reading. An oscillometric monitor does not need a stethoscope so the monitor is simple to use. The BP710CAN comes with the following components:

- Monitor Standard Adult Arm Cuff
- Instruction Manual printed in English and French Quick Start Guide The BP710CAN IntelliSense® Automatic Inflation Blood Pressure Monitor is intended for home use

SAVE THESE INSTRUCTIONS

SAFETY INFORMATION

To assure the correct use of the product, basic safety measures should always be followed including the warnings and cautions listed in this instruction manual.

SAFETY SYMBOLS USED IN THIS INSTRUCTION MANUAL		
▲ WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.	
	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property.	

OPERATING THE DEVICE

- ▲ Contact your physician for specific information about your blood pressure. Self-diagnosis and treatment using measured results may be dangerous. Follow the instructions of your physician or licensed healthcare provider.
- ⚠ The monitor is not intended to be a diagnostic device.
- ⚠ If battery fluid should get in your eyes, immediately rinse with plenty of clean water. Contact a physician immediately.
- box before operating the unit. ⚠ This device is intended for use in measuring blood pressure and pulse rate in the

⚠ Read all of the information in the instruction manual and any other literature in the

- adult population. Do not use this device on infants or persons who cannot express ⚠ Read the Special Conditions section of the instruction manual if your systolic
- pressure is known to be more than 220 mmHg. Inflating to a higher pressure than necessary may result in bruising where the cuff is applied.
- ⚠ Operate the device only as intended. Do not use the device for any other purpose.
- ⚠ Dispose of the device, components and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution.
- ⚠ Do not use a cellular phone near the device. It may result in an operational failure.
- ⚠ Use only Omron authorized parts and accessories. Parts and accessories not approved for use with the device may damage the unit.
- ⚠ Use only 1.5 V "AAA" alkaline batteries with this device. Do not use other types of batteries. This may damage the unit.

CARE AND MAINTENANCE

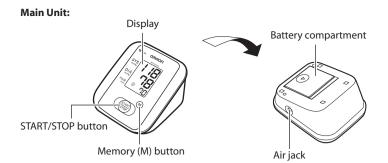
- ⚠ Do not subject the monitor to strong shocks, such as dropping the unit on the floor.
- ⚠ Do not submerge the device or any of the components in water.
- ⚠ Store the device and the components in a clean, safe location.
- es or modification not approved by the manufacturer will void the use warranty. Do not disassemble or attempt to repair the unit or components.

BEFORE TAKING A MEASUREMENT

To ensure a reliable reading follow these recommendations

- 1. Avoid eating, drinking alcohol, smoking, exercising, and bathing for 30 minutes before taking a measurement. Rest for at least 15 minutes before taking the
- 2. Stress raises blood pressure. Avoid taking measurements during stressful times.
- 3. Measurements should be taken in a quiet place.
- 4. Remove tight-fitting clothing from your left arm.
- 5. Sit on a chair with your feet flat on the floor. Rest your left arm on table so that the cuff is at the same level as your heart.
- 6. Remain still and do not talk during the measurement.
- 7. Wait 2-3 minutes between measurements. The wait time allows the arteries to return to the condition prior to taking the blood pressure measurement. You may need to increase the wait time depending on your individual physiological characteristics.
- 8. Keep a record of your blood pressure and pulse readings for your physician. A single measurement does not provide an accurate indication of your true blood pressure. You need to take and record several readings over a period of time. Try to measure your blood pressure at the same time each day for consistency.

KNOW YOUR UNIT



Components



Instruction

Quick Start

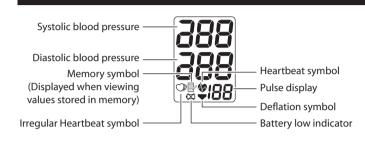
Guide

Normal Heartbeat

Pulse

Blood

UNIT DISPLAY

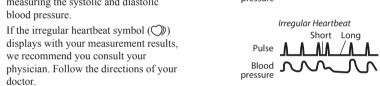


DISPLAY SYMBOLS

IRREGULAR HEARTBEAT SYMBOL (C))

When the monitor detects an irregular rhythm two or more times during the measurement, the Irregular Heartbeat Symbol (🔘)) will appear on the display with the measurement values

An irregular heartbeat rhythm is defined as a rhythm that is more than 25% slower or 25% faster from the average rhythm detected while the monitor is measuring the systolic and diastolic blood pressure



HEARTBEAT SYMBOL/HYPERTENSION INDICATOR (🔷) TAKING A MEASUREMENT

The Heartbeat Symbol () flashes on the display during the measurement. The

Heartbeat Symbol () flashes at every heartbeat. When the measurement is complete, the Heartbeat Symbol (**) flashes on the display with your blood pressure and pulse rate if the reading is above 135 for the Systolic Blood Pressure value and/or above 85 for the Diastolic Blood Pressure

USING THE MEMORY FUNCTION

The Heartbeat Symbol () flashes when the blood pressure reading stored in the memory is above 135 for the Systolic Blood Pressure value and/or above 85 for the Diastolic Blood Pressure value.

The Canadian Hypertension Society(CHS) recommends the following guideline for upper limit of normal for home blood pressure readings:

CHS Home Guideline for Upper Limit of Normal BP		
Systolic Blood Pressure	135 mmHg	
Diastolic Blood Pressure	85 mmHg	

This is a general guideline because blood pressure depends on age and morbidity. The CHS recommends a lower home blood pressure goal for certain patients, including people with diabetes or kidney disease¹.

▲ WARNING

The monitor is not intended to be a diagnostic device.

I № WARNING

Contact your physician for specific information about your blood pressure. Self-diagnosis and treatment using measured results may be dangerous. Follow the instructions of your physician or licensed healthcare provider.

Omron Healthcare recommends you contact your physician if the Heartbeat Symbol (\P) flashes on the display with your measurement values.

¹Canadian Hypertension Education Program. 2006 Public Recommendations.

BATTERY INSTALLATION

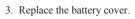
⚠ CAUTION

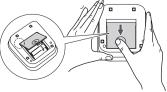
Use only 1.5V "AAA" alkaline batteries with this device.

1. Press the ▲ indicator on the battery cover and slide the cover off in the direction of the arrow.

2. Install 4 "AAA" size batteries so the + (positive) and - (negative) polarities match the polarities of the battery compartment as indicated.

NOTE: 4 "AAA" size batteries are not included in this unit.





BATTERY REPLACEMENT

alkaline batteries are recommended.

Low Battery Indicator

When the Low Battery Indicator appears on the display, turn the monitor off and remove all the batteries. Replace with four new batteries at the same time. Long-life

If battery fluid should get in your eyes, immediately rinse with plenty of clean water. Contact a physician immediately

⚠ CAUTION

Dispose of the device, components and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution

APPLYING THE ARM CUFF

⚠ CAUTION

Read all of the information in the instruction manual and any other literature in the box before operating the unit.

⚠ CAUTION

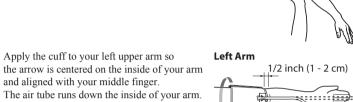
This device is intended for use in measuring blood pressure and pulse rate in the adult population. Do not use this device on infants or persons who cannot express their intentions.

APPLYING THE CUFF ON THE LEFT ARM

1. Make sure the air plug is securely inserted



2. Remove tight-fitting clothing from your upper



The air tube runs down the inside of your arm. The bottom of the cuff should be approximately 1/2 " above your elbow. 4. Wrap the cuff firmly in place around your

3. Apply the cuff to your left upper arm so

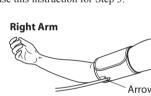
and aligned with your middle finger

arm using the cloth fastening



APPLYING THE CUFF ON THE RIGHT ARM When taking a measurement using the right arm, use this instruction for Step 3.

Apply the cuff to your right upper arm so the arrow and the air tube runs along the inside of your arm. The bottom of the cuff should be approximately 1/2 " above your elbow.



NOTE: Be careful not to rest your arm on the air tube. This will restrict the flow of air

TAKING A MEASUREMENT

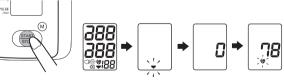
1. Sit on a chair with your feet flat on the floor. Place your arm on a table so the cuff is level with your heart Keep still and do not talk during measurement.

2. Press the START/STOP button.

All symbols appear on the display.



The cuff starts to inflate automatically. As the cuff inflates, the monitor automatically determines your ideal inflation level. Remain still and do not move your arm until the entire measurement process is completed.



NOTE: To stop the inflation or measurement, push the START/STOP button. The monitor will stop inflating, start deflating, and will turn off.

3. Inflation stops automatically and the measurement is started. As the cuff deflates, decreasing numbers appear on the display and the Heartbeat Symbol (flashes.



4. When the measurement is complete, the arm cuff completely deflates. Your blood pressure and pulse rate are displayed.



5. Press the START/STOP button to turn the monitor off.



NOTE: The monitor will automatically turn off after five minutes.

SPECIAL CONDITIONS

⚠ CAUTION

Inflating to a higher pressure than necessary may result in bruising where the cuff is applied.

If your systolic pressure is known to be more than 220 mmHg, press and hold the START/STOP button until the monitor inflates 30 to 40 mmHg higher than your expected systolic pressure.



NOTES: • Do not apply more pressure than necessary

• The monitor will not inflate above 299 mmHg

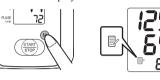
When the measurement is complete, the arm cuff completely deflates. Your blood pressure and pulse rate are displayed.

USING THE MEMORY FUNCTION

Every time you complete a measurement the monitor stores the blood pressure and pulse rate in the memory. The monitor automatically stores up to 14 sets of measurement values (systolic pressure, diastolic pressure, and pulse rate). When 14 sets of measurement values are stored, the oldest record is deleted to save the most recent values

1. Press the Memory (M) button.

The most recent set of measurement values appears on the display. The values are displayed from the most recent to the oldest.



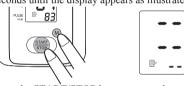
NOTE: The number of the reading stored in the memory appears for a second before the pulse rate is displayed. The newest set is numbered "1".

2. Press the START/STOP button to turn the unit off

TO DELETE ALL THE VALUES STORED IN MEMORY

You cannot partially delete values stored in the memory. All values will be deleted. 1. Press the Memory (M) button.

Then while holding it down, press the START/STOP button down for more than 2 seconds until the display appears as illustrated below.



2. Press the START/STOP button to turn the unit off. **NOTE:** The monitor will automatically turn off after five minutes

CARE AND MAINTENANCE

To keep your digital blood pressure monitor in the best condition and protect the unit from damage, follow the directions listed below.

Do not forcefully bend the arm cuff or air tube. Do not fold tightly.

Clean the monitor with a soft dry cloth.

Do not use any abrasive or volatile cleaners. Do not attempt to clean the cuff.

⚠ CAUTION

Do not submerge the device or any of the components in water. Do not subject the monitor to extreme hot or cold temperatures. humidity or direct sunlight.

⚠ CAUTION

Store the device and the components in a clean, safe location.

⚠ CAUTION

Do not subject the monitor to strong shocks, such as dropping the unit on the floor. Remove the batteries if the unit will not be used for three months or longer. Always replace all the batteries with new ones at the same time.

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

Use the unit in a manner consistent with the instructions provided in this manual.

Use only Omron authorized parts and accessories. Parts and accessories

not approved for use with the device may damage the unit. **⚠** CAUTION

Changes or modification not approved by the manufacturer will void the user warranty. Do not disassemble or attempt to repair the unit or components

ERROR INDICATORS

SYMBOL	CAUSE	CORRECTION	
E	Monitor could not detect pulse wave.	Take another measurement and remain still until the measurement is complete.	
EE	Cuff under-inflated. Cuff not applied correctly.	Remove the arm cuff. Read "Taking a Measurement".	
E	Cuff over-inflated.	Wait 2-3 minutes. Take another measurement.	
ΦX	Batteries are worn.	Replace the four batteries. Refer to "Battery Installation".	
Er 25	Device error.	Contact Customer Service.	

TROUBLESHOOTING TIPS

PROBLEM	CAUSES AND SOLUTIONS
No power. No display appears on the unit.	Replace all four batteries with new ones. Check the battery installation for proper placement of the battery 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 "Before Taking a Measurement" and "Taking a Measurement".

FCC STATEMENT

POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for U.S.A. only)

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules

These limits are designed to provide reasonable protection against harmful interference in a residential installation. The product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the product does cause harmful interference to radio or television reception, which can be determined by turning the product on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and the receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.

POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for Canada only)

• Consult the dealer or an experienced radio/TV technician for help.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Canadian Department of Communications.

Cet appareil numérique respecte les limites de bruits radioeléctriques applicables aux appareils numériques de Clase B prescrites dans la norme sur le materiel brouilleur: "Appareils Numériques", ICES-003 édictée par le minister des

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARRANTY INFORMATION

LIMITED WARRANTIES

Your BP710CAN IntelliSense® Automatic Blood Pressure Monitor, excluding the arm cuff is warranted to be free from defects in materials and workmanship appearing within 2 years from the date of purchase, when used in accordance with the instructions provided with the monitor. The arm cuff is warranted to be free from defects in materials and workmanship appearing within one year from the date of purchase when the monitor is used in accordance with the instructions provided with the monitor. The above warranties extend only to the original retail purchaser.

We will, at our option, repair or replace without charge any monitor or arm cuff covered by the above warranties. Repair or replacement is our only responsibility and your only remedy under the above warranties

To obtain warranty service contact Customer Service by calling 1-800-634-4350 for the address of the repair location and the return shipping and handling fee.

Enclose the Proof of Purchase. Include a letter, with your name, address, phone number, and description of the specific problem. Pack the product carefully to prevent damage in transit. Because of possible loss in transit, we recommend insuring the product with return receipt requested

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THE APPLICABLE WRITTEN WARRANTY ABOVE. Some provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE

OMRON SHALL NOT BE LIABLE FOR LOSS OF USE OR ANY OTHER INCIDENTAL, CONSEQUENTIAL OR INDIRECT COSTS, EXPENSES OR **DAMAGES.** Some provinces do not allow the exclusion or limitation of incidental or

consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which

may vary from province to province.

FOR CUSTOMER SERVICE Visit our web site at:

Call toll free:

www.omronhealthcare.com 1-800-634-4350

SPECIFICATIONS BP710CAN (HEM-7113-CAN) Model: Display: LCD Digital Display Measurement Range: Pressure: 0 to 299 mmHg, Pulse: 40 to 180/min Accuracy/Calibration: Pressure: ±3mmHg or 2% of reading Pulse: $\pm 5\%$ of reading Inflation: Automatic by electric pump Deflation: Automatic pressure release valve Rapid Air Release: Automatic exhaust valve Pressure Detection: Capacitive pressure sensor Measurement Method: Oscillometric method Pulse Wave Detection: Capacitance type pressure sensor Power Source: 1.5V 4 "AAA" batteries Approx. 300 uses with 4 new alkaline batteries Battery Life: Operating Temperature 50°F to 104°F (10°C to 40°C) /15 to 90% RH /Humidity: Storage Temperature $-4^{\circ}F$ to $140^{\circ}F$ ($-20^{\circ}C$ to $60^{\circ}C$) /10 to 95% RH /Humidity/Air Pressure: 700-1060 hPa Main Unit Weight: Approximately 8 5/8 oz. (245g)

not including batteries

 $(128 \text{ mm} \times 104 \text{ mm} \times 64 \text{ mm})$

Fits arm circumferences 9" to 13"

Cuff tube 23 5/8" (600 mm)

(220 mm to 320 mm)

Approximately 5 3/4"(w) × 17 1/2"(l) (146 mm × 446 mm)

Main Unit Dimensions: Approx. $5"(1) \times 4 \frac{1}{8}"(w) \times 2 \frac{1}{2}"(h)$

Up to 14 readings Main Unit, Standard Adult Arm Cuff, Instruction Manual, and Quick Start Guide

NOTE: These specifications are subject to change without notice.

Optional Accessories: Large Cuff 13" - 17" (320 mm to 420 mm)

OMRON HEALTHCARE, INC. 1200 Lakeside Drive Bannockburn, Illinois 60015 www.omronhealthcare.com

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Made in China

Cuff Size:

Memory:

Cuff Circumference: