Homedics

INSTRUCTION MANUAL

wrist blood pressure monitor

BPW-O300A
Doc# L-04437, Rev.1

IMPORTANT PRODUCT NOTICES AND SAFETY INSTRUCTIONS

When using your blood pressure monitor, basic precautions should always be followed. Please read and follow all instructions and warnings before using this product. Save these instructions for future reference.

- Please note that this is a home healthcare product only and it is not intended to serve as a substitute for the advice of a physician or medical professional.
- This device uses oscillemetric method to measure systolic and diastolic blood pressure, as well as heart rate.
- DO NOT use this device for diagnosis or treatment of any health problem or disease. Measurement results are for reference only. Consult a healthcare professional for interpretation of pressure measurements. Contact your physician if you have or suspect any medical problem. Do not change your medications without the advice of your physician or healthcare professional.
- This product is not suitable for people with arrhythmias. This device may have difficulty determining the proper blood pressure for pregnant women, and for users with irregular heartbeat, diabetes, poor circulation of blood, kidney problems, or for users who have suffered a stroke.
- For those who have undergone mastectomy or lymph nodectomy surgery, it is recommended to take a measurement on the unaffected side.
- Not suitable for those undergoing intravenous injection on any limb or women with pre-eclampsia.
- Excessive use may result in blood flow interference, which is likely to cause uncomfortable sensations, such as partial subcutaneous hemorrhage, or temporary numbness to your wrist. In general, these symptoms should not last long. However, if you do not recover in time, please seek advice from a medical professional.
- The pulse display is not suitable for checking the frequency of heart pacemakers.
- Electromagnetic interference: The device contains sensitive electronic components. Avoid strong electrical or electromagnetic fields in the direct vicinity of the device (e.g., mobile telephones, microwave ovens). These may lead to temporary impairment of measurement accuracy.
- When used among medical electronic equipment on the same limb, pressurization of the cuff may cause the other devices to temporarily malfunction.
- Please use this device indoors only, in a home healthcare environment.
- Use blood pressure monitor only for its intended use.
- DO NOT wrap the cuff around body parts other than your wrist.
- Not for use by or on persons under the age of 18.
- DO NOT use this device on infants, children, or those who cannot express their own intention.
- Please use only the 1.5V AAA alkaline batteries for power supply.

Blood pressure measurements determined with this device are equivalent to those obtained by a trained observer using the cuff/stethoscope auscultatory method within the accuracy limits prescribed by the American National Standard for manual, electronic, or automated sphygmomanometers.

ABOUT BLOOD PRESSURE

What is blood pressure?
Blood pressure is the pressure exerted on the artery walls while blood flows through the arteries. The pressure measured when the heart contracts and sends blood out of the heart is systolic (highest) blood pressure. The pressure measured when the heart dilates with blood flowing back into the heart is called diastolic (lowest) blood pressure.

Why measure your blood pressure?
Among today's various health problems, those associated with high blood pressure are very common. High blood pressure dangerously correlates with cardiovascular diseases. Therefore, blood pressure monitoring is important for identifying those at risk.

Why do my readings vary?
Blood pressure is a body parameter that is subject to normal variations throughout the day. A single reading that is different from your and your doctor's readings are not necessarily inaccurate. The average of several readings, taken under similar conditions, using the same arm, is preferred for accurate blood pressure readings.

Why are my readings different than those taken at my doctor's office?
Many experience a phenomenon called "White Coat Hypertension" when measured by a doctor. White Coat Hypertension refers to blood pressure that rises above its usual level when measured in a clinical setting, such as a doctor's office.

BLOOD PRESSURE STANDARD

The table below contains defined levels for hypertension that are publicly available from the American Heart Association® (AHA 2017).

Users can compare their own blood pressure readings against these defined levels to determine if they may be potentially at increased risk.

Blood Pressure Category	Systolic mm Hg (upper number)		Diastolic mm Hg (lower number)
Normal	Less than 120	and	Less than 80
Elevated	120–129	and	Less than 80
High Blood Pressure (hypertension) Stage 1	130–139	or	80–89
High Blood Pressure (hypertension) Stage 2	140 or Higher	or	90 or Higher
Hypertension Crisis (consult your doctor immediately)	Higher than 180	and/or	Higher than 120

*Source: American Heart Association® (AHA) 2017

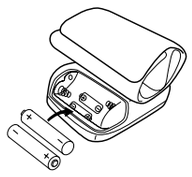
Blood pressure tends to go up and down, even in people who normally don't have high readings. If your numbers stay above the "normal" range most of the time, you may be at increased risk and should consult your physician. Although one can easily find where their own blood pressure readings fall on this table, this monitor comes equipped with a Risk Category Index that automatically compares each reading to the defined levels and provides a helpful cue if your reading falls into one of the stages that could potentially indicate an increased risk. See Risk Category Index section for more information on this feature.

NAME/FUNCTION OF EACH PART

BATTERY INSTALLATION

1. Slide the battery cover to open.
2. Install or replace 2 AAA alkaline batteries in the battery compartment. Make sure the polarities "+" and "-" ends coincide with similar markings inside the compartment.
3. Close the battery cover by sliding back into place.

Replace the batteries if:



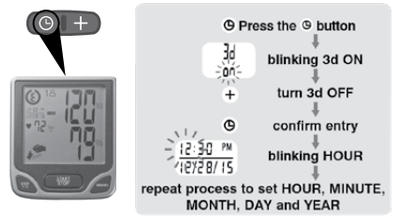
- The low battery symbol appears on the display.
- Nothing appears on the display when the power is switched on.

NOTE:

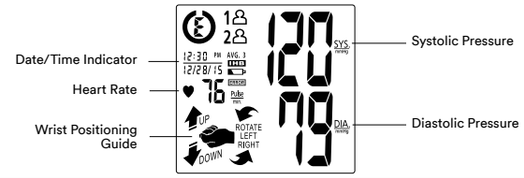
- Date and time must be reset if batteries are removed or replaced.
- Replace all batteries at one time (as simultaneous set). Use only 1.5V "AAA" alkaline batteries. DO NOT mix alkaline, standard (carbon-zinc) or rechargeable (cadmium) batteries.
- When the batteries are removed, the measurement values stored in memory are retained.
- Remove batteries when unit is not in use for extended periods of time.
- Clean contacts on battery and in battery compartment with a soft, dry cloth each time you install batteries.
- **Batteries are hazardous waste. DO NOT dispose of them together with household garbage.**
- **DO NOT dispose of batteries in fire. Batteries may explode or leak.**
- **Recycle or dispose of properly in accordance with local, state, province, and country regulations.**

DATE AND TIME SET

Press the **DATE/TIME SET button** ◷ and the display will show a blinking **ON**. By default, the wrist positioning guide is **ON**. To turn it **OFF**, press the **+ button**. Press the **DATE/TIME SET button** ◷ again and the **HOUR** will flash on the screen. Press **+ button** to increase to the desired time; press **DATE/TIME SET** button ◷ to confirm. Repeat steps for **MINUTE, MONTH, DAY**, and **YEAR**.



DISPLAY EXPLANATIONS



1	**User 1:** Appears when the monitor is operated by User 1.
2	**User 2:** Appears when the monitor is operated by User 2.
	Low Battery Symbol: Appears when batteries should be replaced.
	Pulse Symbol: Shows the heart rate per minute.
3D Positioning Symbol	**Wrist Positioning Guide:** See USING THE WRIST CUFF section for information.
IHB	**Irregular Heartbeat Detector**
AVG. 3	**Memory Average:** Displays average of last 3 readings.
	Risk Category Index
EE	**Measurement Error:** Adjust the cuff and keep wrist steady during measurement.
E4	**3D calibration value may be gone:** Reposition your wrist using the wrist. Positioning sensor and remeasure.

RISK CATEGORY INDEX

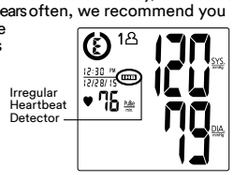
This monitor comes equipped with a Risk Category Index that automatically compares each reading to defined levels established by the American Heart Association® (AHA 2017) as described earlier in this manual, and provides a helpful cue if your reading falls into one of the stages that could potentially indicate increased risk. Please note that the cues provided by this monitor are only intended to assist you in using this table. The table and cues are only provided for convenience to help you understand your non-invasive blood pressure reading as it relates to the AHA 2017 information. They are not a substitute for a medical examination or diagnosis by your physician. It is important for you to consult your physician regularly. Your physician will tell you your normal blood pressure range

Blood Pressure Category	Systolic mm Hg (upper number)		Diastolic mm Hg (lower number)	
Normal	Less than 120	and	Less than 80	
Elevated	120–129	and	Less than 80	
High Blood Pressure (hypertension) Stage 1	130–139	or	80–89	
High Blood Pressure (hypertension) Stage 2	140 or Higher	or	90 or Higher	
Hypertension Crisis (consult your doctor immediately)	Higher than 180	and/or	Higher than 120	

*Source: American Heart Association® (AHA) 2017

IRREGULAR HEARTBEAT DETECTOR

The appearance of the IHB icon indicates that a pulse irregularity consistent with an irregular heartbeat was detected during measurement. Usually, this is not a cause for concern. However, if the symbol appears often, we recommend you seek medical advice. Please note that the device does not replace a cardiac examination, but serves to detect pulse irregularities at an early stage. Movement, shaking, or talking during the measurement can result in pulse irregularities that may cause the appearance of this icon. Therefore, it is of great importance to not move or talk during measurement.



To determine the presence of an irregular heartbeat, the average of the heartbeat intervals is calculated with the first 3 normal effective heartbeat values. It is important to note that the average is not a strict mathematical averaging of all recorded intervals. At least 3 beats with 25% or greater difference from the average heartbeat interval will generate the IHB icon on the screen.

USING THE WRIST CUFF

1. Wrap the pressure cuff snugly around the bare wrist with the monitor facing you. The hook and loop strap should be fastened securely around your wrist to ensure and accurate measurement. Do not make it too tight.
2. Leave approximately 0.4" between the cuff and bottom of your palm.

When using wrist blood pressure monitors, it is important to take the measurement while relaxing with your wrist at heart level. This will help ensure an accurate reading will be taken. Because it is difficult to find the ideal location for a wrist measurement, we have included an optional **Wrist Positioning Sensor** that will assist in directing your wrist to the ideal location for a blood pressure measurement.

After you press the **START/STOP button**, the display will illuminate with different icons that are designed to help you move your wrist. Once the ideal location is found, the Pulse Symbol will flash and measurement will begin.

SYMBOL	ACTION
	Move your wrist up.
	Move your wrist down.
	Rotate your wrist to your left.
	Rotate your wrist to your right.
	Wrist in the ideal position. Measure again. Once the wrist positioning sensor guides your wrist to your ideal location, keep arm still until measurement is complete.

If ERROR and the EE symbol appear on the screen, an error has occurred with your reading. Reposition your wrist using the Wrist Positioning Sensor and remeasure.

NOTE: Even if the monitor is not in the ideal position after 10 seconds, the measurement will still begin. If this occurs, the wrist symbol will appear and will be stored in the memory with the measurement.

MEASUREMENT PROCEDURE

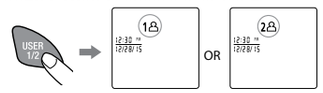
IMPORTANT: BEFORE MEASUREMENT

- Wait 30 minutes after exercising, bathing, eating, drinking anything with alcohol or caffeine, or smoking before using the blood pressure monitor.
- Sit quietly and rest for 15 minutes before each reading.
- Empty your bladder, as a full one can temporarily raise blood pressure.
- Take your blood pressure at normal body temperature.

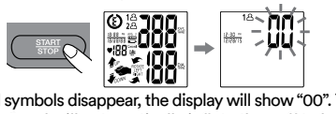
DURING MEASUREMENT

- DO NOT talk or move your arm or hand muscles.
- DO NOT cross your legs. Sit with feet flat on the floor.
- DO NOT touch cuff or monitor during measurement.
- Position the blood pressure monitor on your wrist.
- Place your elbow on the table and rest the back of your hand on the device storage case or other object.
- Rest your wrist on the armrest until it's at the same height as your heart.
- Relax your hand and turn your palm upward.
- DO NOT use this device if your wrist has any wound or injury.
- Once the measurement has started, keep your wrist steady until the measurement is complete.

1. Press **START/STOP button** to turn the monitor ON.
2. Press **USER button** to choose User 1 or 2.



3. With the cuff wrapped around your wrist, press the **START/STOP button**. Do not inflate the cuff unless it is wrapped around your wrist. If your wrist is not in the ideal position, the screen will suggest moving your wrist up or down, or rotating to the left or right. **NOTE:** Even if the monitor is not in the ideal position after 10 seconds, the measurement will still begin. If this occurs, the wrist symbol will appear and be stored in the memory with the other measurement. When the Wrist Positioning Guide function is turned **OFF**, this instruction will not appear.
4. All digits will light up to check the display function. The checking procedure will be competed after about 1.5 seconds.

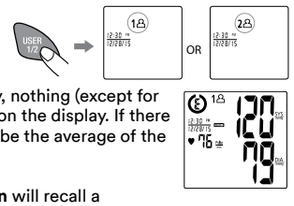


5. After all symbols disappear, the display will show "00". The monitor is "Ready to Measure" and will automatically inflate the cuff to begin measurement.
6. When the measurement is completed, the cuff will deflate entirely. Systolic pressure, diastolic pressure and pulse will be shown simultaneously on the LCD screen. **The measurement is then automatically stored into memory. NOTE:** This monitor automatically turns off approximately 1 minute after last operation. You may also press the **START/STOP button** to turn the unit off. To interrupt the measurement, you may press the **START/STOP button**. The cuff will deflate immediately after a button is pressed.

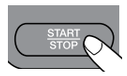
RECALLING VALUES FROM MEMORY

This monitor can be used by 2 individuals. **Each user can store up to 60 measurements**.

1. Press **+ button** to select User 1 or 2.
2. Press **MEM button** to access the Memory.
3. If there is no data stored in memory, nothing (except for month, date, and time) will appear on the display. If there is data stored, the first reading will be the average of the last 3 measurements.

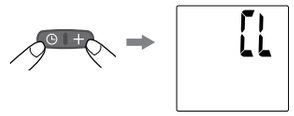


4. Every new press of the **MEM button** will recall a previous reading. The latest reading will be recalled first.
5. To stop recalling readings from memory, press the **START/STOP button**.



CLEARING VALUES FROM MEMORY

1. Press **USER button** to select User 1 or 2.
2. Press **MEM button** to access the Memory.
3. Press and hold the **DATE/TIME SET buttons** (🕒 +) at the same time while in memory recall mode, and the data for the selected user will be erased automatically.



Note: Once deleted, your readings cannot be restored.

CARE, MAINTENANCE AND CLEANING

- Clean the blood pressure monitor body and cuff carefully with a slightly damp, soft cloth. Do not press. Do not wash cuff or use chemical cleaner on it. Never use thinner, alcohol, or petrol (gasoline) as cleaner.
- Leaky batteries can damage the unit. Remove the batteries when the unit will not be used for a long time.
- Follow local ordinances and recycling instructions regarding disposal or recycling of the device and device components, including batteries.
- If the unit is stored near freezing, allow it to acclimate to room temperature before use.
- This blood pressure monitor is not field-serviceable. You should not use any tool to open the device nor should you attempt to adjust anything inside the device. If you have any problems with this device, please contact Homedics Consumer Relations (contact information can be found on the Warranty page).
- DO NOT immerse the unit in water as this will result in damage to the unit.
- DO NOT subject the monitor or cuff to extreme temperatures, humidity, moisture, or direct sunlight. Protect from dust.
- DO NOT fold the cuff and tubing tightly.
- DO NOT disassemble the monitor or cuff. If in need of repair, refer to the Warranty section of this manual.
- DO NOT subject the monitor to extreme shocks (do not drop on floor).
- DO NOT inflate the cuff unless wrapped around wrist.
- DO NOT wrap the cuff around body parts other than your wrist.
- DO NOT drop or insert any object into any opening or hose.
- Always store the unit in the storage case between uses.
- This monitor may not meet its performance specifications if stored outside these temperature and humidity ranges:

Storage/Transportation Environment	Operating Environment
Temperature: -13°F ~ 158°F (-25°C ~ 70°C) Humidity: less than 93% RH	Temperature: 41°F ~ 104°F (5°C ~ 40°C) Humidity: 15% ~ 93% RH

TROUBLESHOOTING

If any abnormality arises during use, please check the following points.

SYMPTOMS	POSSIBLE CAUSES	CORRECTION
Unit does not turn on when the **START/ STOP button** is pushed.	Batteries have run down.	Replace them with 2 new AAA alkaline batteries.
	Battery polarities (+/ -) have been positioned incorrectly.	Re-insert the batteries in the correct positions.
EE measurement error symbol shown on display or the blood pressure value is displayed excessively low (or high).	The wrist cuff has been positioned on the arm incorrectly.	Re-wrap the cuff properly so that it is positioned correctly. Take new measurement.
	Did you talk or move during measurement?	Keep arm steady during measurement. Measure again. Refer to “Measurement Procedure” instructions.
	Shaking of the arm with the cuff on.	
E1 error symbol shown on display.	Air circuit abnormality. Cuff tube may not be plugged into monitor correctly.	Check cuff connection. Take new measurement. See “Using the Wrist Cuff” section.
E2 error symbol shown on display.	Inflation pressure exceeding 300 mmHg.	Switch the unit off and then turn back on. Take new measurement.
E3 error symbol shown on display.	Error determining measurement data.	Re-wrap the cuff properly so that it is positioned correctly. Take new measurement.
EP error symbol show on display.	System error.	Remove batteries. After 1 minute, re-insert the batteries. Take new measurement.

Note: If the unit still does not work, contact Homedics Consumer Relations. Under no circumstance should you disassemble or attempt to repair the unit by yourself. Contact information for Homedics Consumer Relations can be found on the Warranty page.

SPECIFICATIONS

Measurement Method:	Oscillometric
Rated Range of Cuff Pressure:	0-300 mmHg
Measurement Range:	Pressure: 40~280 millimeters Mercury (mmHg) Pulse: 40~199 beats/minute
Rated Range of Determination:	40-280 mmHg
Accuracy:	Pressure: ±3 mmHg Pulse: +5% Max.
Pressure Sensor:	Semi-conductor
Inflation:	Automatic inflation (air pump)
Deflation:	Automatic air release control valve
Display:	Liquid Crystal Display
Memory:	120 memory total for 2 users
Unit Dimensions:	69.0 × 78.0 × 28.4 mm (L x W x H) 2.72 × 3.07 × 1.12 inch (L x W x H)
Unit Weight:	107 g ± 5 g (3.77 oz ± 0.17 oz) (without cuff and batteries)
Cuff Size:	135 ~ 195 mm (approx. 5.3 ~ 7.7 inch)
Storage/Transportation Environment:	Temperature: -25°C ~ 70°C (-13°F ~ 158°F) Humidity: < 93% RH
Operation Environment:	Temperature: 5°C ~ 40°C (41°F~104°F) Humidity: 15% ~ 93% RH
Atmospheric pressure:	700 hPa ~ 1060 hPa
Power Supply:	DC 3 V, AAA “LR03” (1.5 V) alkaline battery x 2
Battery Life:	Approx. 250 measurements
Product Life:	5 years (4 times a day)
Sleeping Mode:	Without any operation for 1 minute, device automatically shuts off
Accessories:	Instruction manual, storage case, 2 AAA (LR03) alkaline batteries
	Internally powered equipment Type BF equipment IP22-degrees of protection provided by enclosures Not suitable for use in presence of flammable anesthetic mixture with air, oxygen, or nitrous oxide Continuous operation with short-time loading
	Follow instructions for use

Note: These specifications are subject to change without notice.

POTENTIAL FOR ELECTROMAGNETIC INTERFERENCE
To avoid inaccurate results caused by electromagnetic interference between electrical and electronic equipment, do not use the device near a cell phone or microwave oven. For most wireless communication devices, it is recommended to maintain a distance of 10.8 feet (3.3m) in order to avoid electromagnetic interference.

SUPPLIER’S DECLARATION OF CONFORMITY

Product Description: Blood Pressure Monitor
Model Numbers: BPW-O300, BPW-O300A
Trade Name: Homedics
FCC Compliance Statement
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
U.S. Contact Information
Company: Homedics, LLC.
Address: 3000 N. Pontiac Trail, Commerce Township, MI 48390
8:30am-7:00pm EST Monday-Friday 1-800-466-3342

Homedics is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

This equipment 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. This equipment 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 this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, 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 equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ELECTROMAGNETIC COMPATIBILITY (EMC)
Guidance and manufacturer’s declaration – electromagnetic emissions
The device is intended for use in the electromagnetic environments listed below, and should only be used in such environments:

Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	RF energy is used only to maintain device's operation. Therefore, its RF emissions are so low that it's not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	
Harmonic emissions IEC 61000-3-2	Not Applicable	The device is suitable for use in all establishments, including domestic establishments, and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Voltage fluctuations/flicker emissions IEC 61000-3-3	Not Applicable	

Guidance and manufacturer’s declaration – electromagnetic immunity
The device is intended for use in the electromagnetic environments listed below, and should only be used in such environments:

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact discharge ± 15 kV air discharge	± 8 kV contact discharge ± 15 kV air discharge	In the case of air discharge testing, the climatic conditions shall be within the following ranges: Ambient Temperature:15°C~35°C Relative Humidity: 30%~60%.
Power frequency magnetic field IEC 61000-4-8	30 A/m 50 or 60 Hz	30 A/m 50 or 60 Hz	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Guidance and manufacturer’s declaration – electromagnetic immunity
The device is intended for use in the electromagnetic environments listed below, and should only be used in such environments:

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Conducted RF IEC 61000-4-6	3V rms At 0.15-80 MHz 6V rms At ISM & Radio Amateur Freq	Not Applicable	Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.
adiated RF IEC 61000-4-3 Proximity fields from RF wireless communications equipment IEC 61000-4-3	10 V/m at 80-2700 MHz AM Modulation And 9-28V/m at 385-6000MHz, pulse Mode and other Modulation. The system shall be tested as specified in IEC60601-1-2 Table 9 for proximity fields from RF wireless communications equipment using the test methods specified in IEC 61000-4-3	10 V/m at 80-2700 MHz AM Modulation And 9-28V/m at 385-6000MHz,Pulse Mode and other Modulation. The system shall be tested as specified in IEC60601-1-2 Table 9 for proximity fields from RF wireless communications equipment using the test methods specified in IEC 61000-4-3	Recommended separation distance Considering to reduce the minimum separation distance, based on RISK MANAGEMENT, and using higher IMMUNITY TEST LEVELS that are appropriate for the reduced minimum separation distance. Minimum separation distances for higher IMMUNITY TEST LEVELS shall be calculated using the following equation: $E = 6/d\sqrt{P}$ where P is the maximum power in W, d is the minimum separation distance in m, and E is the IMMUNITY TEST LEVELS in V/m. Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey a., should be less than the compliance level in each frequency range b. Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a.Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the device.
b.Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m

Test specifications for enclosure port immunity to RF wireless communications equipment.

Test frequency (MHz)	Modulation	IMMUNITY TEST LEVEL (V/m)
385	Pulse modulation 18 Hz [a]	27
450	FM ± 5 kHz deviation 1kHz sine [b]	28
710	Pulse modulation 217 Hz [a]	9
745		
780		
810	Pulse modulation 18 Hz [a]	28
870		
930		
1720	Pulse modulation 217 Hz [a]	28
1845		
1970		
2450	Pulse modulation 217 Hz [a]	28
5240	Pulse modulation 217 Hz [a]	9
5500		
5785		

NOTE: If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

a) The carrier shall be modulated using a 50% duty cycle square wave signal.
b) AS an alternative to FM modulation, 50% pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

WARRANTY

LIMITED 5-YEAR WARRANTY
Homedics sells its products with the intent that they are free of defects in manufacture and workmanship for a period of 5 years from the date of original purchase, except as noted below. Homedics warrants that its products will be free of defects in material and workmanship under normal use and service. This blood pressure monitor meets the simulated measurement cycles test requirement per EN1060-3, part 8.10. This warranty extends only to consumers and does not extend to Retailers.

To obtain warranty service on your Homedics product, contact a Consumer Relations representative by telephone at 1-800-466-3342 for assistance. Please make sure to have the model number of the product available.

Homedics does not authorize anyone, including but not limited to Retailers, the subsequent consumer purchaser of the product from a Retailer, or remote purchasers, to obligate Homedics in any way beyond the terms set forth herein. This warranty does not cover damage caused by misuse or abuse; accident; the attachment of any unauthorized accessory; alteration to the product; improper installation; unauthorized repairs or modifications; improper use of electrical/power supply; loss of power; dropped product; malfunction or damage of an operating part from failure to provide manufacturers recommended maintenance; transportation damage; theft; neglect; vandalism; or environmental conditions; loss of use during the period the product is at a repair facility or otherwise awaiting parts or repair; or any other conditions whatsoever that are beyond the control of Homedics.

This warranty is effective only if the product is purchased and operated in the country in which the product is purchased. A product that requires modifications or adoption to enable it to operate in any other country than the country for which it was designed, manufactured, approved, and/or authorized, or repair of products damaged by these modifications is not covered under this warranty.

THE WARRANTY PROVIDED HEREIN SHALL BE THE SOLE AND EXCLUSIVE WARRANTY. THERE SHALL BE NO OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OR ANY OTHER OBLIGATION ON THE PART OF THE COMPANY WITH RESPECT TO PRODUCTS COVERED BY THIS WARRANTY. Homedics SHALL HAVE NO LIABILITY FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES. IN NO EVENT SHALL THIS WARRANTY REQUIRE MORE THAN THE REPAIR OR REPLACEMENT OF ANY PART OR PARTS THAT ARE FOUND TO BE DEFECTIVE WITHIN THE EFFECTIVE PERIOD OF THE WARRANTY. NO REFUNDS WILL BE GIVEN. IF REPLACEMENT PARTS FOR DEFECTIVE MATERIALS ARE NOT AVAILABLE, Homedics RESERVES THE RIGHT TO MAKE PRODUCT SUBSTITUTIONS IN LIEU OF REPAIR OR REPLACEMENT.

This warranty does not extend to the purchase of opened, used, repaired, repackaged, and/or resealed products, including but not limited to sale of such products on internet auction sites and/or sales of such products by surplus or bulk resellers. Any and all warranties or guarantees shall immediately cease and terminate as to any products or parts thereof that are repaired, replaced, altered, or modified, without the prior express and written consent of Homedics.

This warranty provides you with specific legal rights. You may have additional rights that may vary from state to state. Because of individual state regulations, some of the above limitations and exclusions may not apply to you.

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