



# Digital Blood Pressure Monitor

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## 1. Introduction

#### 1.1. Features of the BPCBOA-3H

The blood-pressure monitor BPCBOA-3H (with integrated time/date display) is a fully automatic, digital blood-pressure measuring device for use on the arm, which enables very fast and reliable measurement of the systolic and diastolic blood-pressure as well as the pulse frequency by way of the oscillometric method of measurement.

The device offers very high and clinical tested measurement accuracy and has been designed to provide maximum of user-friendliness.

Before using, please read this instruction manual carefully and keep it in a safe place. For further questions on the subject of blood-pressure and its measurement, please contact your doctor.



# Attention!

## 1.2. Important information about self-measurement

- Substitution of a different component might result in measurement error.
- cuff is replaceable only by an original.
- Do not use with neonatal patients.
- It will cause harmful injury to the patient or effect the blood pressure due to connection tubing kinking.
- Too frequent measurements can cause injury to the patient due to blood flow interference
- The application of the cuff over a wound can cause further injury.
- The application of the cuff and its pressurization on any limb where intravascular access or therapy, or an arteriovenous (A-V) shunt, is present because of temporary interference to blood flow and could result in injury to the patient.
- Do not let the cuff and its pressurization on the arm on the side of a mastectomy
- The need to check that operation of the automated sphygmomanometer does not result in prolonged impairment of patient blood circulation.
  - Not intended to be used together with HF surgical equipment.
- Do not forget: self-measurement means control, not diagnosis or treatment, Unusual values must always be discussed with your doctor. Under no circumstances

should you alter the dosages of any drugs prescribed by your doctor.

- The pulse display is not suitable for checking the frequency of heart pacemakers!
- In cases of cardiac irregularity (Arrhythmia), measurements made with this
  instrument should only be evaluated after consultation with the doctor.

#### Electromagnetic interference

measurement

The device contains sensitive electronic components (Microcomputer). Therefore, avoid strong electrical or electromagnetic fields in the direct vicinity of the device (e.g. mobile telephones, microwave cookers). These can lead to temporary impairment of the measuring accuracy.

# 2. Important information on the subject of blood-pressure and its

## 2.1. How does high/low blood-pressure arise?

The level of blood-pressure is determined in a part of the brain, the so-called circulatory center, and adapted to the respective situation by way of feedback via the nervous system. To adjust the blood-pressure, the strength and frequency of the heart (Pulse), as well as the width of circulatory blood vessels is altered. The latter is effected by way of fine muscles in the blood-vessel walls. The level of arterial blood-pressure changes periodically during the heart activity: During the «blood ejection» (Systole) the value is maximal (systolic blood-pressure value), at the end of the heart's «rest period» (Diastole) minimal (diastolic blood-pressure value). The blood-pressure values must lie within certain normal ranges in order to prevent particular diseases.

#### 2.2. Which values are normal?

Blood pressure is too high if at rest, the diastolic pressure is above 90 mmHg and/or the systolic blood-pressure is over 160 mmHg. In this case, please consult your doctor immediately. Long-term values at this level endanger your health due to the associated advancing damage to the blood vessels in your body.

Should the systolic blood-pressure values lie between 140 mmHg and 160 mmHg and/or the diastolic blood-pressure values lie between 90 mmHg and 100 mmHg, likewise, please consult your doctor. Furthermore, regular self-checks will be necessary.

With blood-pressure values that are too low, i.e. systolic values under 100 mmHg and/or

diastolic values under 60 mmHg, likewise, please consult your doctor. Even with normal blood-pressure values, a regular self-check with your blood-pressure monitor is recommended. In this way you can detect possible changes in your values early and react appropriately. If you are undergoing medical treatment to control your blood pressure, please keep a record of the level of your blood pressure by carrying out regular self-measurements at specific times of the day. Show these values to your doctor. Never use the results of your measurements to alter independently the drug doses prescribed by your doctor.

Table for classifying blood-pressure values (unit: mmHg) according to World Health Organization:

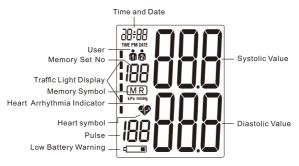
Range	Systolic Blood pressure	Diastolic Blood-pressure	Measures
optimum	between 100 and 120	between 60 and 80	Self-check
normal	between 120 and 129	between 80 and 84	Self-check
high to normal	between 130 and 139	between 85and 89	Consult your doctor
slight hypertension	between 140 and 159	Between 90and 99	Seek medical advice
medium hypertension	between 160 and 179	Between 100and 109	Seek medical advice
strong hypertension	Higher than 180	Higher than 110	Urgently seek medical advice!

### Further information

- If your values are mostly standard under resting conditions but exceptionally high under conditions of physical or psychological stress, it is possible that you are suffering from so-called «labile hypertension». Please consult your doctor if you suspect that this might be the case.
- Correctly measured diastolic blood-pressure values above 120mmHg require immediate medical treatment

# 3. The various components of the blood-pressure monitor





## 4. Putting the blood-pressure monitor into operation

## 4.1. Inserting the batteries

- a) Insert the batteries (4 x size AAA1.5V), thereby observing the indicated polarity.
- b) If the battery warning icon appears in the display, the batteries remain 20% power to warn user the batteries will be run out.
- c) If the battery warning icon appears in the display, the batteries are empty and must be replaced by new ones

**Attention!** • After the battery warning icon appears, the device is blocked until the batteries have been replaced.

- Please use «AAA» Long-Life or Alkaline 1.5V batteries. The use of 1.2V Accumulators is not recommended.
- If the blood-pressure monitor is left unused for long periods, please remove the batteries from the device.

#### 4.2. Reading the set date

Please press the TIME button and the date will be shown in the display.

## 4.3. User selection and setting the time / date

**User selection:** This advanced blood pressure monitor allows you to track blood pressure readings for 2 individuals independently

- a) Before measurement, make sure you set the unit for the intended user. The unit can track results for 2 individuals. (User 1, User 2)
- b) Press the TIME button for at least 3 seconds. The display now indicates the set user, during which the set user blink, to confirm, press ON/OFF button
- c) Click the MEMORY button to select User

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d) We suggest the first person to take their pressure to be User 1.

## Setting the time, date

This blood-pressure monitor incorporates an integrated clock with date display. This has the advantage, that at each measurement procedure, not only the blood-pressure values are stored, but also the exact moment of the measurement. After new batteries have been inserted, the clock begins to run TIME 12:00 and DATE 1-01.You must then re-enter the date and current time. For this, please proceed as follows.

1. Press the TIME button for at least 3 seconds firstly, user icon will blink. Then press

TIME button again the display now indicates the set year, during which the four characters blink

- The correct year can be entered by pressing the MEMORY button
- Press the TIME button again. The display now switches to the current date, during which the first character (month) blinks.
- 4. The corresponding month can now be entered by pressing the MEMORY button.
- 5. Press the TIME button again. The last two characters (day) are now blinking
- 6. The corresponding day can now be entered by pressing the MEMORY button.
- Press the TIME button again. The display now switches to the current time, during which the first character (Hour) blinks
- 8. The corresponding hour can now be entered by pressing the MEMORY button.
- 9. Press the TIME button again. The last two characters (Minutes) now blink.
- 10. The exact time can now be entered by pressing the MEMORY button
- 11. Press TIME button: the unit of measurement will flash.
- 12. Press the "MEMORY to set the unit of measurement (mmHg or kPa)
- Once you have made your settings, press the TIME button (or TIME / DATE or TIME).
   The setting is confirmed and the clock starts running.
- 14. Now after all settings have been made, press the TIME button once again. The date is briefly displayed and then the time. The input is now confirmed and the clock begins to run.

#### **Further Information**

With each press of the button (TIME, MEMORY) one input is made (e.g. switching over from hours to minutes mode, or altering the value by +1). However, if you keep the respective button depressed, you can switch more quickly to find the desired value respectively.

# 5. Carrying out a measurement

#### 5.1. Before the measurement

- Avoid eating, smoking as well as all forms of exertion directly before the measurement. All these factors influence the measurement result. Try and find time to relax by sitting in an armchair in a quite atmosphere for about ten minutes before the measurement.
- Measure always on the same arm (normally left).
- Attempt to carry out the measurements regularly at the same time of day, since the blood-pressure changes during the course of the day.

# 5.2. Common sources of error

**Note:** Comparable blood-pressure measurements always require the same conditions! These are normally always quiet conditions.

- All efforts by the patient to support the arm can increase the blood-pressure. Make sure you are in a comfortable, relaxed position and do not activate any of the muscles in the measurement arm during the measurement. Use a cushion for support if necessary.
- The performance of the automated sphygmomanometer can be affected by extremes of temperature, humidity and altitude.
- Avoid compression or restriction of the connection tubing.
- A loose cuff causes false measurement values.
  - With repeated measurements, blood accumulates in the respective arm, which can lead to false results. Correctly executed blood-pressure measurements should therefore first be repeated after a 5 minute pause or after the arm has been held up in order to allow the accumulated blood to flow away (after at least 3 minutes).

#### 5.3. Fitting the cuff

Insert air connector into air outlet shown in left photo and please make sure the fitting of the air connector completely and properly to avoid air leakage.



a) The distance between the edge of cuff and the elbow should be approx. 2~3cm



- b) Secure the cuff with the Velcro fastener, so that it lies comfortably and not too tight, whereby 2-finger space should remain between the cuff and the arm.
- c) Lay the arm on a table, with the palm upwards. Support the arm a little with a rest (cushion), so that the cuff rests at about the same height as the heart. Take care, that the cuff lies free. Remain so for 2 minutes sitting quietly, before beginning with the measurement.



d) Let legs uncrossed, feet flat on the floor, back and arm supported.

## 5.4. Measuring procedure

After the cuff has been appropriately positioned, the measurement can begin:

a) Press the ON/OFF button, the pump begins to inflate the cuff.
 In the display, the increasing cuff-pressure is continually displayed.



b) After reaching the inflation pressure, the pump stops and the pressure slowly falls away. The cuff-pressure is displayed during the measurement. When the device has detected the pulse, the heart symbol in the display begins to blink and for every pulse heat

The measured systolic and diastolic blood-pressure values as well as the pulse frequency are now displayed.

Example (Fig.): Systole 126, Diastole 85, Pulse 78



The measurement results are displayed, until you switch the device off. If no button is pressed for 3 minutes, the device switches automatically off, to save the batteries.

# 5.5. Discontinuing a measurement

If it is necessary to interrupt a blood pressure measurement for any reason (e.g. the patient feels unwell), the "ON/OFF" power button can be pressed at any time. The device then immediately lowers the cuff-pressure automatically.

# 5.6. Memory – storage and recall of the measurements

The blood-pressure monitor automatically stores each of the last 120 measurement values. By pressing the MEMORY button, an average value of the last 3 measurements as well as the last measurement and the further last 119 measurements (MR119,MR118,...,MR1)can be displayed one after the other



(MR1: Values of the last measurement) (MR2-MR120: Values of the measurement before MR1)

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## 5.7. Memory- cancellation of all measurements Attention!

Before you delete all readings stored in the memory, make sure you will not need refer to the readings at a later date. Keeping a written record is prudent and may provide additional information for your doctor's visit. In order to delete all stored readings, depress the MEMORY button for at least 5 seconds, the display will show the symbol «CL» and then release the button. To permanently clear the memory, Press the MEMORY button while «CL» is flashing. 3 short beep sounds will be heard to indicate deletion of stored readings.



# 6. Appearance of the Heart Arrhythmia Indicator for early Detection

this symbol indicates that certain pulse irregularities were detected during the measurement. In this case, the result may deviate from your normal blood pressure – repeat the measurement. In most cases, this is no cause for concern. However, if the symbol appears on a regular basis (e.g. several times a week with measurements taken daily) we advise you to tell your doctor. Please show your doctor the following explanation Information for the doctor on frequent appearance of the Arrhythmia indicator This instrument is an oscillometric blood pressure monitor that also analyses pulse frequency during measurement. The instrument is clinically tested. The arrhythmia symbol is displayed after the measurement, if pulse irregularities occur during measurement. If the symbol appears more frequently (e.g. several times per week on measurements performed daily) we recommend the patient to seek medical advice. The instrument does not replace a cardiac examination, but serves to detect pulse irregularities at an early stage.

# 7. Error messages /malfunctions

If an error occurs during a measurement, the measurement is discontinued and a corresponding error code is displayed.

Error No.	Possible cause(s)			
ERR 1	No pulse has been detected.			
ERR 2	Unnatural pressure impulses influence the measurement result.			
	Reason: The arm was moved during the Measurement (Artifact).			

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ERR 3	The inflation of the cuff takes too long. The cuff is not correctly seated.
ERR 5	The measured readings indicated an unacceptable difference between systolic and diastolic pressures. Take other reading following directions carefully. Contact you doctor if you continue to get unusual readings.
ERR8	Pressure in cuff is over 290mmHg

Further Information - The level of blood-pressure is subject to fluctuations even with healthy people. Important thereby is, that comparable measurements always require the same conditions (Quiet conditions)! If, in spite of observing all these factors, the fluctuations are larger than 15mmHg, and/or you hear irregular pulse tones on several occasions, please consult your doctor. For licensing, the device has been subjected to strict clinical tests, by which the computer program used to measure the blood-pressure values was tested by experienced specialist doctors in Germany. The same computer program is used in every individual device, and has thus also been clinically tested. The manufacture of the devices takes place according to the terms of the European standard for blood-pressure measuring devices (see technical data) You must consult your specialist dealer or chemist if there are technical problems with the blood-pressure instrument. Never attempt to repair the instrument yourself! Any unauthorised opening of the instrument invalidates all guarantee claims!

# Other possible malfunctions and their elimination

If problems occur when using the device, the following points should be checked and if necessary, the corresponding measures are to be taken:

Malfunction	Remedy
The display remains empty when	1.Check batteries for correct polarity and if necessary
the instrument is switched on	insert correctly.
although the batteries are in	2.If the display is unusual, re-insert batteries or
place.	exchange them.
The device frequently fails to	Check the positioning of the cuff.
measure the blood pressure	Measure the blood-pressure again in peace and
values, or the values measured	quiet under observance of the details made under
are too low (too high).	point 5.

Every measurement produces a	Please read the following information and the
different value although the	points listed under «Common sources of error».
instrument functions normally	Repeat the measurement.
and the values displayed are	Please note: Blood pressure fluctuates continually so
normal	successive measurements will show some variability.
Blood pressure measured differs	Record the daily development of the values and
from those values measured by	consult your doctor. Please note: Individuals visiting
the doctor.	their doctor frequently experience anxiety which can
	result in a higher reading at the doctor than obtained
	at home under resting conditions.

## 8. Care And Maintenance, Recalibration

- a) Do not expose the device to either extreme temperatures, humidity, dust or direct sunlight.
- b) The cuff contains a sensitive air-tight bubble. Handle this carefully and avoid all types of straining through twisting or buckling.
- c) Clean the device with a soft, dry cloth. Do not use petrol, thinners or similar solvent. Spots on the cuff can be removed carefully with a damp cloth and soapsuds. The cuff must not be washed!
- d) Do not drop the instrument or treat it roughly in any way. Avoid strong vibrations.
- e) Never open the device! Otherwise the manufacturer calibration becomes invalid!

## 9. Guarantee

The blood-pressure monitor BPCBOA-3H is guaranteed for 2 years from date of purchase. The guarantee does not apply to damage caused by improper handling, accidents, not following the operating instructions or alterations made to the instrument by third parties. The guarantee is only valid upon presentation of the guarantee card filled out by the dealer.

## 10. Service life

5 years

## 11. Battery life:

1000 times measurement with 4- size "AAA" alkaline Batteries

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## 12. safety, care and disposal



#### Safety and protection

- This instrument maybe used only for the purpose described in this booklet. The manufacturer cannot be held liable for the damage caused by incorrect application.
- This instrument comprise sensitive components and must be treated with caution.
   Observe the storage and operating condition described in the "Technical specifications" section!
- Protect it from water and moisture, extreme temperatures, impact and dropping, contamination and dust, direct sunlight, heat and cold
- The cuffs are sensitive and must be handled with care
- · Only pump up the cuff once fitted
- Do not use the instrument close to strong electromagnetic fields such as mobile telephones or radio installations
- Do not use the instrument if you think it is damaged or notice anything unusual.
- If the instrument is not going to be used for a prolonged period the batteries should be removed.
- Read the additional safety instructions in the individual sections of this booklet. Ensure that children do not use the instrument unsupervised: some parts are small enough to be swallowed
- Must use the recognized accessories, detachable parts and materials, if the use of other parts or materials can degrade minimum safety
- A warning to remove primary batteries if the instruments is not likely to be used for some time

## Instrument care

Clean the instrument only with a soft, dry cloth

#### Disposal



Batteries and electronic instruments must be disposed of in accordance with the locally applicable regulations, not with domestics waste.

## 13.Reference to Standards

Device standard: Device corresponds to the requirements of the European standard for non-invasive blood- pressure monitor.

Standard
IEC60601-1-6:2010+A1:2013/ EN60601-1-6:2010+A1:2015
IEC60601-1:2005+A1:2012/EN60601 1:2006+A11:2011+A1:2013+A12:2014
IEC60601-1-2:2014/ EN60601-1-2:2015
IEC/EN60601-1-11:2015
IFC80601-2-30:2009+A1:2013/FN80601-2-30:2010+A1:2015

The stipulations of the EU-Guidelines 93/42/EEC for Medical Products Class IIa have been fulfilled.

### 14.Remark:

X	Some electrical and electrical equipment forbid to abandon and disposal at will	<b>C</b> € <sub>0197</sub>	TUV NO.
***	Manufacturer's name and address		Reading Instruction Book before use
0-3	Inapplicable baby	<b>†</b>	Type BF equipment
	Cuff Connector		Keep Dry
$\Lambda$	Attention consult accompanying documents	EC REP	MedNet EC-REP GmbH, Borkstrasse 10, 48163 Münster, Germany

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# 15. Technical specifications

	Oscillometric, corresponding to Korotkoff method:
Measurement Procedure:	
	Phase I : systolic , Phase V : diastolic
Display:	Digital display
Measuring range:	SYS/DIA: 30 to 280 mmHg (in 1 mmHg increment)
Weasuring range.	Pulse: 40 to 199 beat/minute
Static accuracy:	SYS/DIA: ±3mmHg / Pulse: ±5% of reading
Measuring resolution:	1mmHg
Inflation:	Automatic inflation by internal pump
Memory function:	2 x 120 memories for 2 users (SYS, DIA, Pulse)
Decompression:	Constant exhaust valve system
Power source:	4- size "AAA" alkaline batteries
Operation temperature:	5~40°C/41~104°F
Operation humidity:	15%~85%RH maximum
Storage temperature:	-10~+55°C/14~+131°F
Storage humidity:	10%~95%RH maximum
Dimensions :	145 x 92 x 46 mm
Weight:	382g (including batteries and cuff)
Cuff pressure display	0×200
range:	0~290mmHg/0~38.7KPa
Electrical shock	
protection:	Internal power unit
Safety classifications:	Type BF equipment
Mode of operation:	Continuous operation
Protection against ingress	IP22
of water:	1722
Accessories:	M-L size Cuff, 4 "AAA" batteries, instruction manual

Please be noticed the power adapter (micro USB DC5.0V / 1.0A ) is not supplied from the origin , users can buy the adapter in the market which must comply to EN60601-

1,EN60601-1-2

## 16.Manufacturer's Declaration

The BPCBOA-3H is intended for use in the electromagnetic environment specified below. The customer or the user of the BPCBOA-3H should assure that it is used in such an environment.

Electromagnetic Emissions: (IEC60601-1-2)

Emission Test	Compliance	Electromagnetic Environment
RF emission CISPR 11	Group 1	The BPCB0A-3H uses RF energy only for internal functions. Therefore, this RF emission is extremely weak and there is little chance of it creating any kind of interference whatsoever with nearby electronic equipment.
RF emissions CISPR 11	Class B	
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations/flicker IEC 61000-3-3	Not applicable	

Electromagnetic Immunity: (IEC60601-1-2)

Immunity test	IEC60601-1-2 test level	Compliance level	Electromagnetic environment -guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electric fast transient/ burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.

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	lines		
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	Not applicable	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % U <sub>T</sub> ( 95% dip in U <sub>T</sub> . ) for 0.5 cycle 40 % U <sub>T</sub> ( 60% dip in U <sub>T</sub> ) for 5 cycles 70 % U <sub>T</sub> (30% dip in U <sub>T</sub> ) for 25 cycles <5 % U <sub>T</sub> ( 95% dip in U <sub>T</sub> ) for 5 sec.	Not applicable	Mains power quality should be that of a typical commercial or hospital environment. If the user of the upper arm stlye requires continued operation during power mains interruptions, it is recommended that the BPCBOA-3H be powered from an uninterruptible power supply or a battery.
Power frequency (50/ 60 Hz) magnetic field IEC 61000-4-8	3 A/m	Not applicable	Not applicable

Note:  $U_T$  is the a.c. mains voltage prior to application of the test level.

Immunity test	IEC60601- 1-2 test level	IEC60601- 1-2 test level	Electromagnetic environment - guidance
			Portable and mobile RF communications equipment should be used no closer to any partof the BPCBOA-3H, including cables, than

			there commended separation
			distance calculated from the equation
			applicable to the frequency of the
Conducted	3 Vrms 150		transmitter.
RF IEC	kHz to 80	3 Vrms	Recommend separation distance
61000-4-6	MHz 80%		3V
	AM (2Hz)		d = 1.2×p <sup>1/2</sup> 80Mhz to 800 MHz
			d = 2.3×p <sup>1/2</sup> MHz to 2.5 GHz
Radiated		3 V/m	where P is the maximum output
RF IEC	3 Vrms 80		power rating of the transmitter in
61000-4-3	MHz to 2.5		watts (W) according to he transmitter
	GHz 80%		manufacturer and d is the recom-
	AM (2Hz)		mended separation distance in meters
			(m).
			Field strengths from fixed RF
			transmitters as determined by an
			electromagnetic site survey <sup>a</sup> , should
			be less than the compliance level in
			each frequency range <sup>b</sup> . Interference
			may occur in the vicinity of equipment
			marked with the following symbol:
			((( <u>•</u> )))
			<b>*A</b> **

Note1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

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 BPCBOA-3H is used exceeds the applicable RF compliance level above, the BPCBOA-3H should be observed to verify normal operation. If

abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the BPCBOA-3H.

b Over the frequency range 150 kHz to 80MHz, field strengths should be less than 3 V/m.

#### Recommended Separation Distances:

Recommended separation distance between portable and mobile RF communications equipment and the BPCBOA-3H

The BPCBOA-3H is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the BPCBOA-3H can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the BPCBOA-3H as recommended below, according to the maximum output power of the communications equipment.

	Separation distance according to frequency of transmitter m			
	150 kHz to 80	80 MHz to 800	800 MHz to 2.5 GHz	
	MHz d = 1.2×p <sup>1/2</sup>	MHz d = 1.2×p <sup>1/2</sup>	d = 2.3×p <sup>1/2</sup>	
0.01	0.12	0.12	0.23	
0.1	0.38	0.38	0.73	
1	1.2	1.2	2.3	
10	3.8	3.8	7.3	
100	12	12	23	

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be determined using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

Note1:At 80MHz and 800MHz, the separation distance for the higher frequency range applies

Note2:These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

WARRANTY CARD				
Model No	Lot No			
Invoice No	Date of Purchase			
Purchased by :	Contact No. :			
Address  Dealer Name	Odin®			
Dealer Sign & Stamp				

IEC No: 2203001739 Imported & Marketed By:

Passim Medichem Agencies

# 186, Ind. Area Phase II,

Chandigarh - 160 002

**Drug Lic. No.:** 1222-97/OBW & 1223-97/BW

**Corporate Office:** 

# 902, 9<sup>th</sup> Floor, WallFort House,

S.V. Road, Near Citi Mall,

Goregaon (W), Mumbai-400 062

For any Complaint/ Suggestion

please contact:

Customer Care No.: 1800 309 3009 (Timing: 9am -7pm, Mon. - Sat.)

Email ID: customercare@drodin.in

Website: www.drodin.in

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