

express their intentions.

pests are outside of accessible range.

of your arm.

. Prolonged over-inflation of the bladder may cause ecchymoma

18. Do not disassemble the unit or wrist cuff. Do not attempt to repair. 19. Use only the approved wrist cuff for this unit. Use of other wrist cuffs may result in incorrect measurement results.

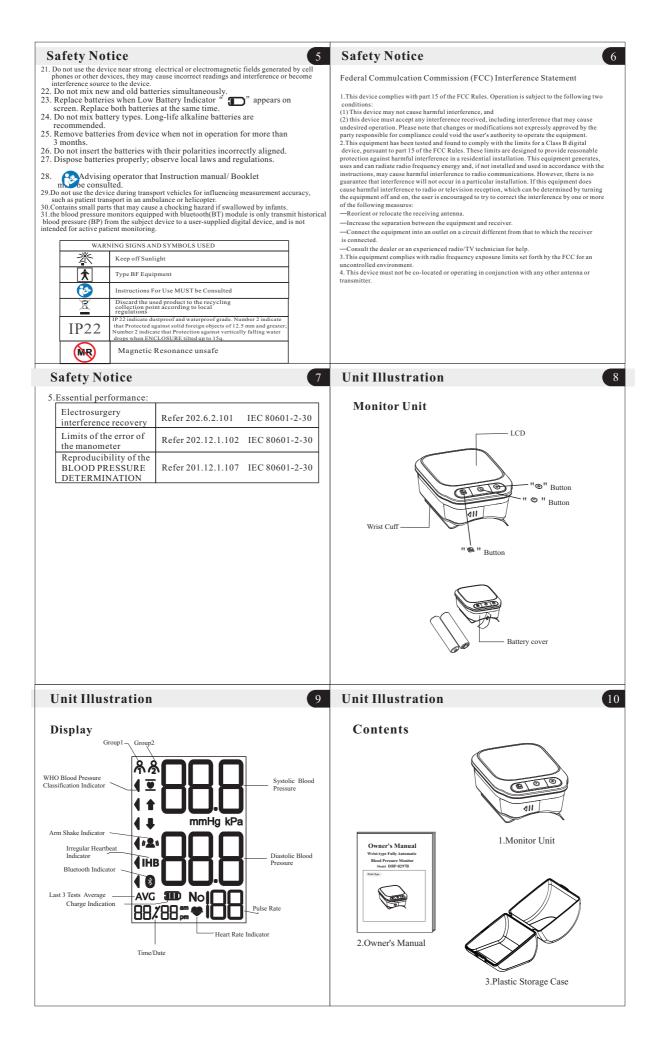
20. The system might produce incorrect readings if stored or used out-

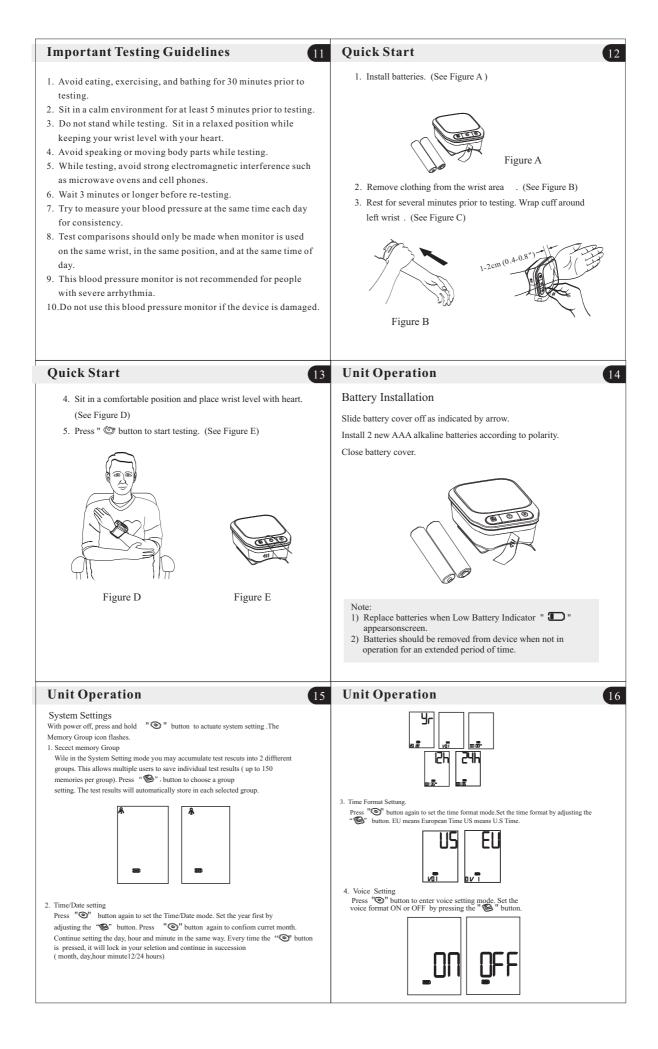
Make sure to store the blood pressure monitor, children, pets and

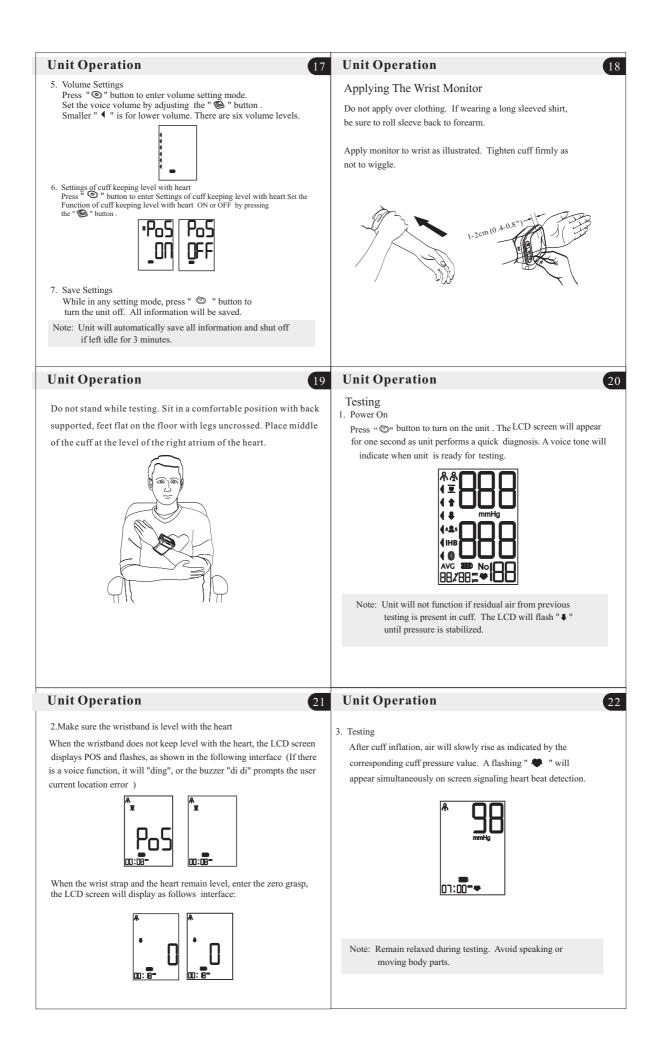
side the manufacturer's specified temperature and humidity ranges.

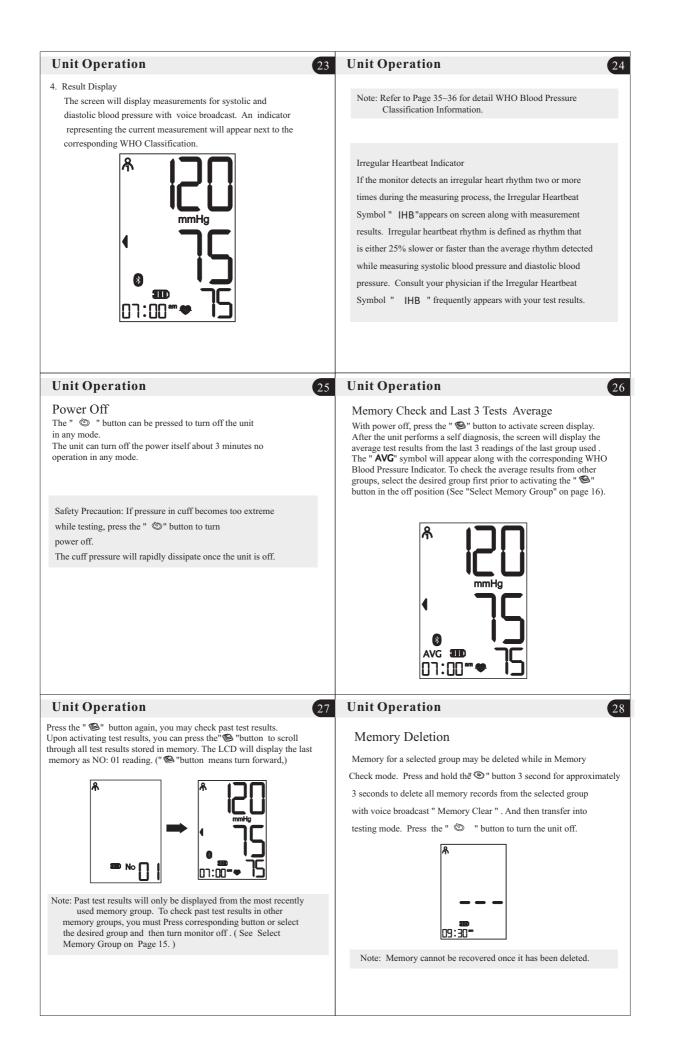
17

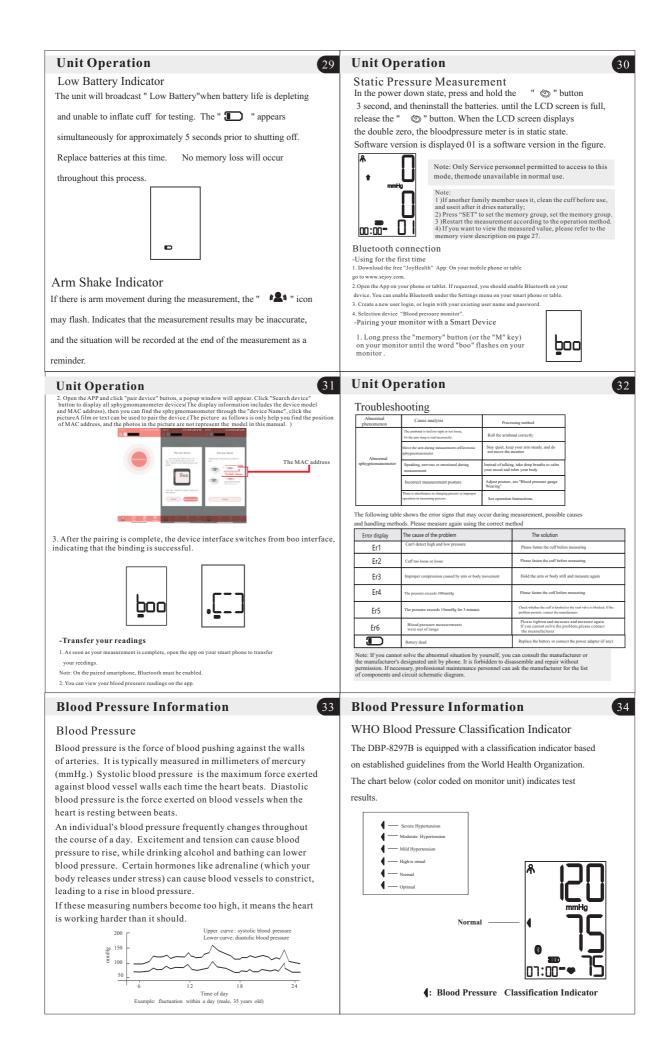
- may be obtained due to their condition.
  People suffering from arrhythmias such as atrial or ventricular premature beats or atrial fibrillation only use this blood pressure monitor in consultation with your doctor. In certain cases oscillometric measurement method can produce incorrect readings.
- 8. Too frequent measurements can cause injury to the patient due to blood flow interference. 9. The cuff should not be applied over a wound as this can cause
- further injury

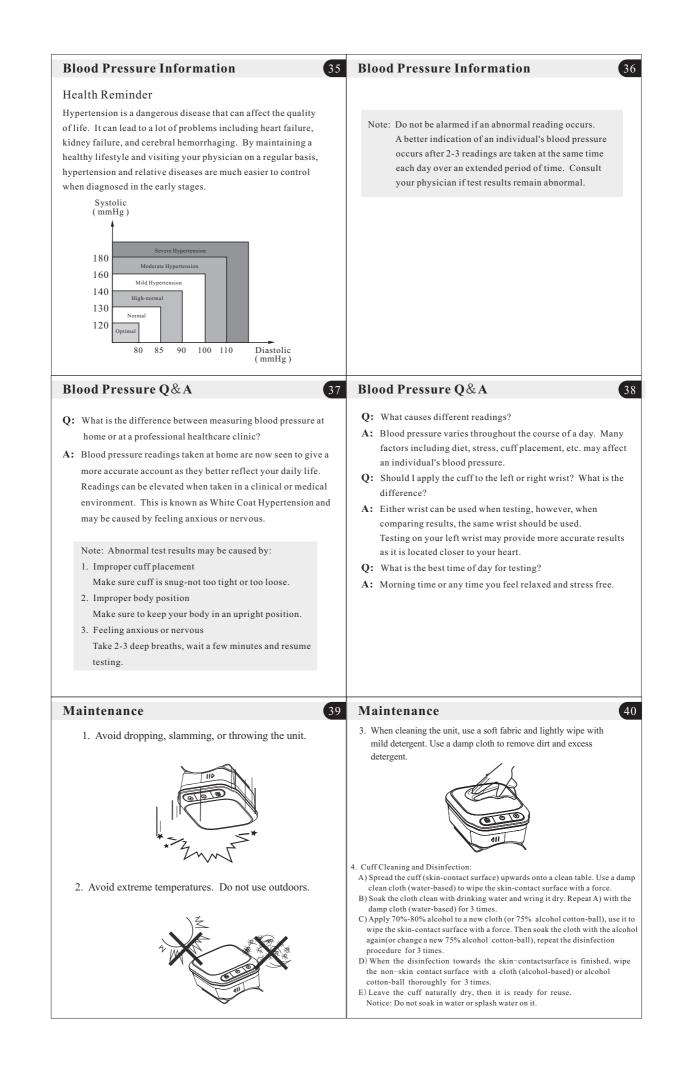












Maintenance 41						Maintenance 42				
<ul> <li>5. Do not use petrol, thinners or similar solvents.</li> <li>6. Remove batteries when not in operation for an extended period of time.</li> </ul>						<ul> <li>7. Do not disassemble product.</li> <li>7. Do not disassemble product.</li> <li>8. It is recommended the performance should be checked every 2 years.</li> <li>9. Expected service life: Approximately three years at 10 tests</li> </ul>				
period of this	ic.		$\frown$	<b>X</b>		9. Expected service per day.	IIIe: Approx	imately three years at 10 tests		
						10.No service and maintenance while it is in use and maintenance only be performed by service personnel. Service and maintenance require parts, repair, technical support will be provided.				
Specificati	ons			43	3	Specification	<b>S</b>	44		
Product Description	n	Wrist-type Fully Automatic					Voice			
I loduct Description			sure Monitor			Function	Backlight Bluetooth			
Model		DBP-8297B				Power Source	2 Alkaline Batteries Size AAA			
Display		LCD Digital Display		Size:46mm x 31.2mm(1.81" x 1.23")		Battery Life	Approximately 2 months at 3 tests per day			
Measurement Meth	od					Unit Weight	Approx. 93g (3.28 oz) (Excluding Battery)			
		Systolic Pressure		60mmHg~260mmHg		Linit Dimensional	Approx. 83mm×64mm×30.7mm(L x W x H) (3. 27" x 2.52"x 1.21")			
		Diastolic Pressure Pressure		40mmHg~200mmHg 0mmHg~299mmHg		Unit Dimensions				
Measurement Range		Pressure		±3mmHg		Cuff Circumference	Fits wrist circumference 13.5-21.5 cm(5.3"-8.5")			
		Pulse		30 ~ 180 Beats/Minute			Temperature	10°C ~ 40°C (50°F~104°F)		
		Pulse		±5%		Operating Environment	Humidity	15%~93%RH		
Pressurization		Automatic	Pressuriza	tion		Operating Environment	Pressure	800hPa~1060hPa		
Memory		2X150 Memories in Tow Groups with Date and Time					Temperature	-25 °C~55 °C (-13°F~131 °F)		
		Irregular He	eartbeat D	etection		Storage Environment	Humidity	≤93% RH		
		WHO Class	sification l	Indicator			Temperature	-25°C~55°C (-13°F~131°F)		
Function		Last 3 Resu	lts Averag	je		Transport Environment	Humidity	≤93% RH		
		Low Batter	y Detectio	n				\$\$\$70 mil		
		Automatic 1	Power-Off	f						
G 161 (1						G 161 //				
Specificati	ons			45	>	Specification	\$	4		
		Modulation Type GFSK		ζ		Specifications are subject to change without notice.				
Bluetooth	Version		5.0.1 BT Signal mode			Safety Standard (included but not limited) : 1.IEC 80601-2-30, medical electrical equipment - part 2-30: particular requirements for the basic safety and essential performance of automated noninvasive sphygmomanometers. (Cardiovascular)				
Siuciootti	Antenr	ion frequency a gain	2. 4GHz (2400 <sup>2</sup> 2483. 5MHz) 0 dBi							
	Bandw	-	2.0 MHz							
Ingress Protection IP 22						2.ISO 81060-2, non-invasive sphygmomanometers – part 2: clinical validation of automated measurement type. (Cardiovascular 3.AAMI / ANSI ES 60601-1:2005/(R) 2012 and C1:2009/(R) 2012 and, a2:2010/(r) 2012 (consolidated text) medical electrical equipment – part 1: general requirements for basic safety and essential performance				
Rating       Classification       Internal Powered Equipment Type BF										
						4.AAMI/ANSI/IEC Part 1-2: Genera Essential Performanc Disturbances Req 5.IEC 60601-1-11, general requirements - collateral standard	60601-1-2, al Requireme e Collate uirements An medical elec for basic sa : requiremen	Medical Electrical Equipment nts For Basic Safety And ral Standard: Electromagnetic nd Tests (General II (ES,EMC)) trical equipment - part 1-11: fety and essential performance ts for medical electrical equipmen ed in the home healthcare		

Warrant	t <b>y</b>					47	Electroma	gnetic Co	ompatil	bility Information 48		
The Blood Pr date of purch properly due will repair or damages to y	to defe replac our Blo	the Blo ective co e it free ood Pre	od Pressu omponen ely. The v ssue Mon	tre Monito ts or poor v varranty do itor due to	r does not vorkmans oes not co	function hip, we ver	60601-1-2. The r table below. The precautionary me instructions for u the device. Use c the device negat should not be use Table 1	equirements as device is an el- easures with re use. Portable ar of the unit in cc ively and alter ed directly adja	re satisfied u ectrical med ggard to EMO nd mobile H onjunction w the electron acent to or bo	of the international standard IEC ander the conditions described in the lical product and is subject to special C which must be published in the Formunications equipment can affect vith non-approved accessories can affect agnetic compatibility. The device etween other electrical equipment.		
Please contac	ct local	l retaile	r for deta	ils.			The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.					
							Emissions tes		ompliance	Electromagnetic environment		
							Radiated emission	on CISPR 11 G	Froup 1, ClassB	-guidance The device uses RF energy only for its internal function. Therefore, its emissions are very low and are not likely to cause any interference in nearby electronic equipment.		
							Conducted emiss	sion CISPR 11 N	/A			
							Harmonic emiss IEC 61000-3-2		/A			
							Voltage fluctuat flicker emissio	ns	1/4			
							IEC 61000-3-3	N	/A			
Guidance and declaration of manufacturer-electromagnetic immunity         The device is intended for use in the electromagnetic environment specified below.         The curve of the device should assure that it is used in such an environment.         The device is intended for user of the device should assure that it is used in such an environment.         The device is intended for user of the device should assure that it is used in such an environment.         The device is intended for user of the device should assure that it is used in such an environment.							The device is into	e and declaration ended for use in the user of the de	the electrom	turer-electromagnetic immunity agnetic environment specified below. assure that it is used in such an environm- electromagnetic environment -guidance		
IMMUNITY	± 81	kV :	compliance evel ± 8 kV	Electromagneti -guidance Floors should be	wood, concrete	,				Portable and mobile RF communications equipment should be used no closer to any		
Electrostatic discharge (E IEC 61000-4 Electrostatic transient/bur IEC 61000-4	$\pm 2 k \pm 8 k \pm 15$ $\pm 2 k \pm 15$ $\pm 2 k - 15$ $\pm 2 k - 15$ $\pm 2 k - 100$ $\pm 1000$ $\pm 10000$ $\pm 10000$ $\pm 10000$ $\pm 10000$ $\pm 10000$ $\pm 10000$ $\pm 10000$ $\pm 100000$ $\pm 100000$ $\pm 1000000$ $\pm 100000000000$ $\pm 1000000000000000000000000000000000000$	kV,±4 kV, : kV, kV air : kV for pr supply kV for t/output	2001act ±2 kV,±4 kV, ±8 kV, ±15 kV air N/A	or ceramic tile. I covered with syn the relative humi at least 30 %.	thetic material		Radiated RF EM fields IEC 61000-4-3	1 10 V/m80MHz 2.7Ghz 80%Al at 1kHz	z- 10 V/m80N M 2.7Ghz 809 at 1kHz	part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. 4Hz- Recommended seperation distance 80 MHz		
Surge IEC 61000-4	1-5 mode ± 2 k comm mode < 5% (>955	e kV non e UT % dip in	N/A			_				less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol: W Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the		
Voltage dips short interru ons and volti: variations or ower supply put lines IEC 61000-4	cycle 40%1 (60% UT) f age in- 70%1 (30% UT) f cycle (30% UT) f cycle cycle	UT dip in for 5 UT dip in for 25 UT VT % dip in for 5	N/A				Conducted disturbances Induced by RF fields IEC 61000-4-6	3 V in 0.15 MHz- 80 MHz 6 V in ISM and/or amateu radio bands between 0.15 MHz and 80 MHz 80 % AM at 1kHz	6 V in ISM	recommended separation distance calculated from the equation applicable to the equation of the equation of the first Recommended separation distance 80 MHz to 800 MHz 800 MHz to 27. Ofta where Pi to 800 MHz 800 MHz to 27. Ofta where Pi to 800 MHz 800 MHz to 27. Ofta where Pi to 800 MHz 800 MHz to 27. Ofta where Pi to 800 MHz 800 MHz to 18. The annihilation of the the second second second second second second the second second second second second to 800 MHz 800 MHz to 18. The second second second second second second to 800 MHz 800 MHz 10. The second second second second second second to 800 MHz 800 MHz 10. The second second second second second second to 800 MHz 800 MHz 10. The second second second second second second second to 800 MHz 800 MHz 10. The second second second second second second second to 800 MHz 800 MHz 10. The second second second second second second second to 800 MHz 800 MHz 10. The second second second second second second second second to 800 MHz 800 MHz 10. The second second second second second second second second to 800 MHz 800 MHz 10. The second secon		
Power freque (50/60 Hz) magnetic fiel IEC 61000-4	1d 30 A/		30 A/m; 50Hz or 60Hz	Power frequency should be at leve typical location rcial or hospital	ls charactertic in a typical con	ofa						
Electrom: Table 3			-				Table 4	0	-	ibility Information 52		
Nowadays, mar locations where used in close p equipment and affected. Arm-t tested with the requirements o keep a minimum this medical equ	ny RF wi e medica proximit /or syste type Full immun f IEC 60 n distance	reless equal equipm ty to med ems' bas ly Autom ity test 1 0601-1-2 ce betwee	uipments ha nent and/or dical equip ic safety a hatic Digita evel in the :2014. The en RF wirel	ve being use systems are ment and/or nd essential l Blood Press below table customer an ess communi	d in various e used. Who systems, ti performan sure Monito and meet id/or user s cations equ	healthcare en they are he medical cc may be or has been the related hould help	communication: The device is int radiated therefor device can help minimum distan equipment (trans	s equipment ar tended for use re disturbance prevent electro ice between po smitters) and t	nd the device in an electro s are control omagnetic in rtable and m he device as	een portable and mobile RF e magnetic environment in which lled. The customer or the user of the tterference by maintaining a nobile RF communications recommended below, according to nications equipment.		
Test frequency B	and	Service	Modulatio	Maximum	Distance	Immunity test level	Rated maximum output power of			ording to frequency of transmitter		
	4Hz) 0-390 T	FETRA 40	Pulse 0 modulation	1.8	(m) 0.3	(V/m)	transmitter W	$80 \text{ MHz} d = \left[\frac{3}{E}\right]$	to 800 MH: $\frac{5}{2} \sqrt{P}$	z 800 MHz to 2.7 GHz $d = \left[\frac{7}{E_1}\right]\sqrt{P}$		
	0-470	GMRS 460 FRS 460	18Hz FM ± 5 kHz deviation 1 kHz sine		0.3	28	0.01	0	.12	0.23		
	4-787	LTE Band 13, 17	Pulse modulatio	n 0.2	0.3	9	0.1		.38	0.73		
780 810	1	13,1/	217Hz	1			10	3	.8	7.3		
	c	GSM 800/900	, p. 1						2			
870 800 930 1720		GSM 800/900 TETRA 800, iDEN 820, CDMA 850, LTE Band 5 GSM 1800; CDMA 1900;	18Hz	n 2	0.3	28	100 For transmitters recommended se	1 rated at a max eparation dista	nce d in met	23 It power not listed above, the tres (m) can be estimated using the transmitter, where P is the maximum		

2450

5240

5500

5785

2400-2570

5100-5800

uetooth,WLAN 2.11 b/g/n,RFID 50,LTE Band 7

WLAN 802.11 a/n

ulse modulatio 217Hz

Pulse nodulation 217Hz

2

0.2

0.3

0.3

28

9

NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

### Additional Notes

### Important Instructions Before Use

WARNING: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally. 2.WARNING: PORTABLE RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Wrist-type Fully Automatic Digital Blood Pressure Monitor, including cables specified by the MANUFACTURER. Otherwise, degradation of the performance of this equipment could result.

3. The software identifier refer to the software verification and validation report, and the file code is JYRJ200930001.

code is **3 Y KJ 200930001. 4. verify manometer pressure accuracy:** In the power down state, press and hold the "START/STOP" button, and theninstall the batteries. Until the LCD screen is full, release the "START/STOP" button. When the LCD screen displays the double zero, the bloodpressure meter is in static state. At this point, 500ml gas capacity, calibrated standard pressure gauge and manual pressure device can be connected to the sphygmomanometer through the sleeve interface of the suburgmenterment is not donated and the sleeve interface of the suburgmenterment is not donated pressure action activity of the sleeve interface of the suburgmenterment is not donated pressure actions activity of the sleeve interface of the suburgmenterment is not donated pressure activity of the sleeve interface of the suburgmenterment is not donated pressure activity of the sleeve interface of the suburgmenterment is not donated pressure activity of the sleeve interface of the suburgmenterment is not donated pressure activity of the sleeve interface of the suburgmentermenterment is not donated pressure activity of the sleeve interface of the suburgmentermentermentermenter activity of the sleeve interface of the suburgmentermente sphygmomanometer, and manual pressure can be applied to the effective display range of the sphygmomanometer, and then the difference between the reading of the sphygmomanometer and that of the standard pressure gauge can be compared. This mode can be used to verify manometer pressure accuracy.

5.Contraindications:

Product is not intended for infants or individuals who cannot express their intentions 6.Intended Use

The digital blood pressure monitor are reusable for clinical and home use and are non-invasiv blood pressure measurement systems designed to measure the systolic and diastolic blood pressure and pulse rate of adolescents and adults individual by using a non-invasive techniqu , which is a well-known technique in the market called the "oscillometric method". it can measure the systolic blood pressure, diastolic blood pressure and pulse rated on

**Additional Notes** 

up-arm, and the device is reusable for clinical or home use. 7.The patient is the operator: the PATIENT is an intended OPERATOR. the PATIENT Do not carry out other maintenance operations except to replace the battery

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20.Warning:

This equipment is used outside the specified environment, may damage the equipment, and may be inaccurate measurement

21.ME equipment not intended for use in conjunction with flammable agents "ME equipment not intended for use in oxygen rich environment



# Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

This marking shown on the product indicates that it should not be disposed with other This marking shown on the product indicates that it should not be disposed with other household waste at the end of its life. To prevent potential harm to the environment or to human health, please separate this product from other types of wastes and recycle it responsibly. When disposing this type of product, contact the retailer where product was purchased or contact your local government office for details regarding how this item can be disposed in an environmentally safe recycling center. Business users should contact their supplier and check the terms and conditions of the purchasing agreement. This product should not be mixed with other commercial wastes for disposal. This product is free of hazardous materials.

### **Additional Notes**

#### 8 WARNING

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Do not modify this equipment without authorization of the manufacturer 9. ESSENTIAL PERFORMANCE Maintenance advice:

Pressure calibration will be carried out when this product leaves the factory. Patients can use the method described in the section "Verify Manometer Pressure Accuracy" to verify the

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accuracy. If the accuracy deviation is large, please contact the manufacturer to recalibration

In the actual y deviation is happened to hear the resistance to hear will be retained by device during the EXPECTED SERVICE LIFE of the ME EQUIPMENT. 11.Do not place the blood pressure monitor and cuff at will. It will cause asphysiation if the

child swallows or twine around his neck. 2. The cuff and the case of the blood pressure monitor have been tested for biocompatibility and do not contain allergenic or harmful materials. Please stop using it if allergy occurs during

use

13. Warning: Non-professionals do not modify the equipment, otherwise it will make the equipment measurement is not accurate.

14.Warning:

Do not expose the equipment for a long time, otherwise it will reduce the performance of the equipment. 15.Warning:

This device is not used for children and pets 16.Clean:

The equipment can be cleaned by lay operator according to the cleaning procedures in the instructions

17. Warning: Do not use a damaged cuff for blood pressure measurement. 18. Warning:

When measuring with the cuff, if the tester feels seriously uncomfortable, press the button of the blood pressure monitor to deflate the cuff, or remove the cuff directly from the arm 19.Warning:

If an unexpected reading occurs, the operator can take several more measurements and consult a doctor.