

NuvōMed[®]

ECG-6/0153

BLUETOOTH

SMART PORTABLE

EKG MONITOR



INSTRUCTION MANUAL

**PLEASE READ ALL INSTRUCTIONS CAREFULLY
AND RETAIN FOR FUTURE USE**

GETTING STARTED

- Remove the product from the box.
- Please retain all packaging until you have checked and counted all of the parts and the contents against the parts list.

PACKAGE CONTENTS

- Portable EKG Monitor
- USB Charging Cable
- Instruction manual

FEATURES

- Large LCD Screen To View The Process and Results
- Multiple Leads: Hand-To-Hand (Lead I); Chest (Lead IV); and Foot (Lead II, III)
- Get quick and accurate reading of your heart rate & rhythm of your heart performance
- Works Independently Without Your iOS/Android Smart Device
- Easy Operation, No Monthly Subscription
- Bluetooth Transmission to iOS/Android Devices
- Ability to Export & Send Reports to your Doctor or Family
- Supports Multiple Users, great for Family Members
- Rechargeable Battery

NOTICE

General Notice

1. Do not use the device in locations subject to high temperatures or humidity. Use in the temperature within 41°F - 104°F (5 - 40°C) and humidity within 25% - 80% RH.
2. Do not wash the device with water.
3. Preset up time is within 30 mins, at condition of:
 - Warm from the minimum storage temperature until it is ready to use at ambient temperature of 68°F (20°C).
 - Cool from the maximum storage temperature until it is ready to use at temperature of 68°F (20°C).


4. Do not use or store the device in the following ambient conditions:
 - Near fires or open flames.
 - Locations exposed to strong vibration.
 - Locations exposed to strong electromagnetic fields.
5. Do not disinfect the device in autoclave or gas sterilizer.
6. If you observe skin allergies or skin damage, do not use this device.
7. The device service life is 3 years. Do not throw away the device and accessories when they stop working. If the device needs to be disposed, it should meet the local laws and regulations requirement.
8. User must contact its local authorities to determine the proper method of disposal of potentially bio hazardous parts and accessories.
9. Please do not use multiple wireless devices connected to the product at the same time.
10. This device is no contraindication.
11. The parameters displayed by EKG should be interpreted by professional physician.
12. Please do not use the device for infants weighing less than 22lbs (10kg).

Measurement Notice

1. If your skin is dry, wipe with disinfectant alcohol or electric salve to strengthen the electric capability.
2. You should sit comfortably, draw yourself up, begin to measure when the heart rate level off.
3. When measuring, the finger and chest electrodes should touch your skin exactly, roundly and well.

Safety Notice

1. No sampling in the battery-charging. (Sampling means acquiring EKG data of patient in the designated anatomical areas.) When the

battery is charging, the device will not record EKG. The following symbol  will present on the use interface to remind the charging state, device cannot be opened in battery charging state.

2. Lay the device in a cool and shady environment when you are not going to use it for a long period of time, and electrify per three months.
3. Do not use the device near inflammables objects, such as anesthetic.
4. Other equipment connected with device must meet national safety standards.
5. That conductive parts of ELECTRODES and associated connectors for TYPE BF APPLIED PARTS including the NEUTRAL ELECTRODE, should not contact other conductive parts including earth.

EMC Notice

1. Please note the effect from EMC when using the device, because it can be influenced by portable or movable high electromagnetic compatibility RF devices.
2. This equipment needs to be installed and put into service in accordance with the information provided in the ACCOMPANYING DOCUMENTS.
3. Wireless communications equipment can affect ME EQUIPMENT and should be kept at least a distance d away from the equipment. The distance d is calculated by the MANUFACTURER from the 800 MHz to 2.5 GHz column of Table 5 or Table 6 of IEC 60601-1-2:2014.

RF Instruction

Some electronic devices are susceptible to electromagnetic interference sent by this equipment if inadequately shielded. Please use this equipment at least 20 cm or as far as you can from a TV set, radio or other automated office equipment so as to avoid interference.

This device is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

A minimum separation distance of at least 0.2 m between this equipment and all persons shall satisfy the RF exposure compliance.

Quality of Service and Security

The device provides timely, reliable, accurate, and secure data and wireless information transfer by the following these instructions.

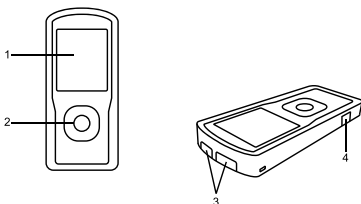
When you want to establish wireless connection with the portable EKG monitor, you must input correct communication instruction. Therefore, unauthorized access to the EKG data is prevented.

Intended Operator

Lay Person, with the following requirements:

1. Be able to read and understand the content in the user manual;
2. Be able to distinguish the following anatomic sites: chest, left/right palm, upper extremity and low extremity.

Description of Parts



1	Display Screen
2	On/Off Button
3	Metal Electrodes
4	Micro USB Port

OPERATING INSTRUCTIONS

Charging the device






The device can continuously work for more than 2 hours when battery is completely charged. The cycle life of the battery up to 200 times. Please recharge the battery every time it drains out.

Plug the Micro USB end of the included charging cable into the Micro USB port. Plug the other end into a USB port on your computer or other devices made for USB charging. It takes about 2 hours to fully charge the battery.

While the battery is charging, the device will not record EKG. The following symbol will present on the use interface to remind the charging state, device cannot be operated in battery charging state.



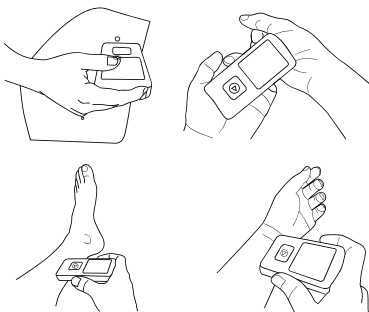
Battery display

No.	Indicator	Description
a		Full power
b		Capacity: 3/4
c		Capacity: 1/2
d		Capacity: 1/4
e		Low power, it is recommended to recharge the battery. The device will automatically shut down.

Operating Instructions

1. How to Use

There are several measurement methods as shown below following pictures.



Caution: Please ensure that the electrodes fully contact the skin.

2. Measuring Operations

a. Start-up

Long press the On/Off button for 3 seconds, you will hear a beep sound and see the screen light-up. The device will keep level off when not being measured.

b. Start measurement

After start-up, the device will enter into a pre-sample interface. Please use the correct measurement method as guided, the EKG waveform and heart rate will display on the screen, as shown in Figure 1. The calculation method of heart rate: number of heart beats without interference in EKG fragment is set as N, then the calculation formula of heart rate is as follows:

$$HR = 60000 / [\text{Sum of R-R intervals during numbers}(N) \text{ of heart beats} / N]$$

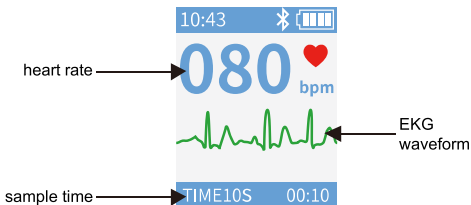


Figure 1: Pre-sample Interface

When the waveform becomes stable, the device will start formal sampling automatically, sample time countdown on the bottom right corner begins until finished one time sample and the color of sample times turns to red. See Figure 2.

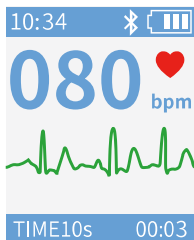


Figure 2: Formal Sample Interface

The device will enter into case review interface after completing sampling. Case review interface displays the sampling start time and heart rate. See Figure 3.

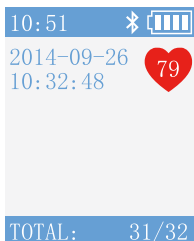


Figure 3: Case Review Interface

When the device enters into case review interface, it will display the latest sampled case. Short press the button to review other cases information. The device can store 100 pieces of cases at most. If reaches to the limit, new stored case will cover the original case, the one that stored at the earliest, piece by piece.

The device will automatically turn to sampling interface to

continue if the user holding the electrode at both ends again when the device is under the case review interface.

- c. Auto power off

The device will automatically shut down after no operations within 1 minute.

3. PC Sync Software Operation and Communication

The intended use of PC software:

PC management software is intended to be used as supportive software for portable EKG device. Functions include setting of device parameters (language setting and acquisition types setting, etc.), downloading EKG data from portable EKG device, data management.

- a. PC software download

Users can operate in the PC synchronous software according to necessity, which includes sample mode and time setting, upload case, case review, measurement, etc.

For Windows: download from <http://www.dlsoftw.com/>, with index code 03XU3179.

For MAC: search “Portable ECG Monitor” and download.

- b. Software installation

Run the setup software, and you can see a window as follows. Click the button “OK”.



Figure 4

Click the button “Next”, and the dialog box in Figure 5 shows up, then, if you click “Browse...”, you can set the installation path, otherwise the default installation path is “C:\Portable ECG Monitor”. Click the button “Next” again, and the dialog box showed in Figure 6 shows up. Click “Browse...”, you can reset the appellation in Startup Menu folder, the default folder will be “Portable ECG Monitor”.

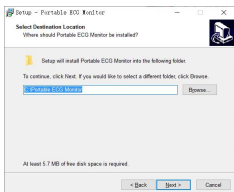


Figure 5

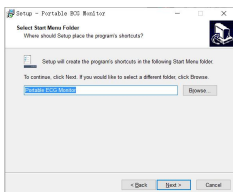


Figure 6

Click the button “install”, and the software will be installed at the appointed position. When the installation finished, the dialog box showed in Figure 8 shows up.

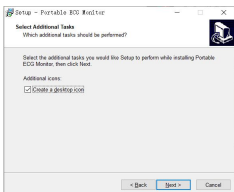


Figure 7

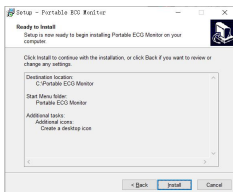


Figure 8

Click “Finish” to end installation.

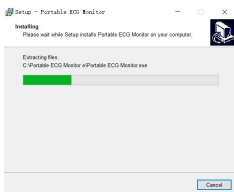


Figure 9

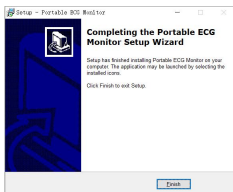


Figure 10

c. Data Communication

Start the software under the circumstance of no device connected, it will enter to the following interface shown as Figure 11. Turn on the device, insert to Micro USB port, click “New search”. Then the software starts to search the device, shown as Figure 12.

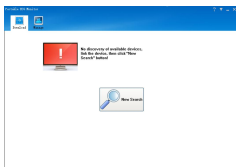


Figure 11

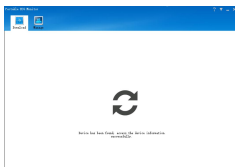


Figure 12

After searching, device information will be displayed in “List” form, including: case ID, time length, check time, heart rate, shown as Figure 13. Click the button “?”, you can get help from the operation.

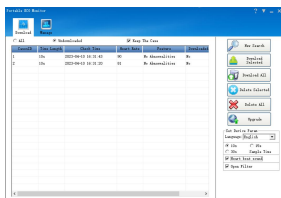


Figure 13

d. Operation

Download case: double-click a case to download, or select multi-case, then click “Download selected” to download these cases, or click “Download all” to download all cases.



Figure 14

Delete case: select a case or multi-case, then click “Delete selected” to delete the case selected, or click “Delete all” to delete all cases. To prevent mistake, before deleting, the system will prompt user, the system will delete the records after selecting “Yes”.

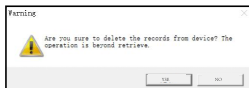


Figure 15

Firmware upgrade: click “Upgrade”, select a firmware (naming rules: file name_version.bin, for example: xxx_USB_Vxxx.bin). if the firmware needs to upgrade from low to high version, then click “OK”. Otherwise “Force Upgrade” should be selected firstly, then

click “OK”. During upgrading, please keep connection state between the computer and the device.



Figure 16



Figure 17



Figure 18

Set device parameters: Languages and sample time can be set by user. The interface for setting success is shown as



Figure 19

- e. PC management software can be operated in WIN 8/WIN10 operating system, hereafter list the requirements of hardware of PC to run WIN 10/WIN 8 operating system.

Hardware Specifications for the WIN 10 operating system

Processor: 1.0 GHz or faster

Screen: above 800x600 resolution

Firmware: UEFI 2.3.1, support safety start

Start memory: 2 GB(64bit), 1 GB(32bit)

Hard disk space: no less than 16 GB(32 bit), no less than 20 GB(64 bit)

Graphic card: support Direct X9 tablet

Hardware Specifications for the WIN 8 operating system

Windows 8 PC (32 bit, 64 bit)

32 bit (x86)

Windows 8, 32 bit system hardware requirements			
	Minimum configuration	Suggested configuration	Optimum configuration
Central processor	1 GHz (support PAE, NX and SSE2)	2 GHz (support PAE, NX and SSE2)	2 GHz multi-core processor
Memory	1 GB	2 GB	2 GB DDR3
Graphics card	Microsoft Direct X 9 graphics device with WDDM driver program	Direct X10 graphics device with WDDM driver program, with 128 MB memory	Direct X11 graphics device with WDDM driver program, with 256 MB memory
Residual space of hard disk	16 GB	30 GB above	64 GB SSD hard disk

64 bit (x64)

Windows 8, 32 bit system hardware requirements			
	Minimum configuration	Suggested configuration	Optimum configuration
Central processor	2 GHz (support PAE, NX and SSE2)	2 GHz (support PAE, NX and SSE2)	2 GHz multi-core processor
Memory	2 GB	4 GB	4 GB DDR3
Graphics card	Microsoft Direct X 9 graphics device with WDDM driver program	Direct X10 graphics device with WDDM driver program, with 128 MB memory	Direct X11 graphics device with WDDM driver program, with 256 MB memory
Residual space of hard disk	20 GB	45 GB above	128 GB SSD hard disk

Windows 8 tablet computer

Architecture	ARM, x86 and x86-64
Central processor	NVIDIA Tegra/Qualcomm/Texas Instrument TI ARM, AMD x86/x64 and Intel x86/x64
Memory	Suggest above 4G
Graphics card	Adopt WDDM 1.2 or DirectX10 graphics device with higher version driver program
Hard disk/NAND Flash	10 GB memory capacity or above after installation of system
Push button	“n/off”, “rotation lock”, “Windows key”, “increase volume”, “decrease volume”

Touch screen	At least 5 points touch controlled capacitor screen, the resolution higher than 1366x768, the screen must be 10 inch or above
Screen resolution	Resolution 1280x720
USB 2.0	At least one outlet
Connection with internet	Wi-Fi and Bluetooth 4.0
System starting firmware	UFEI
Others	Speaker, microphone, gyroscope, gravity sensor

4. Mobile Application Operation and Communication

- a. This Portable EKG Monitor is compatible with the App – “**Nuvomed EKG**”



This Portable EKG Monitor and App is compatible with devices using Android 9 & above or iOS 9.0 & above, and with Bluetooth 4.0 and above.

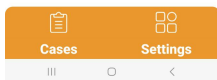
- b. Ensure Bluetooth is turned “ON” on your phone.
- c. Search for “**Nuvomed EKG**” App on your phone’s App Store / Google Playstore, then download and install the App.

d. Data Communication

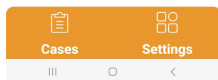
Open the App, then, turn on the device. The App will start to search the EKG MONITOR via Bluetooth.



PM105742
D3:98:BB:03:80:1A



->



Click the “EKG MONITOR” found, previous new measured data/information will be stored and displayed, including: time length, check time, heart rate. You can also review previous stored case data.



REMARK: Please note that the new measured data will only be uploaded one time to one smart device, when “Not uploaded” data is selected in “Configuration” –

19:22 100% 96%

< About Configuration

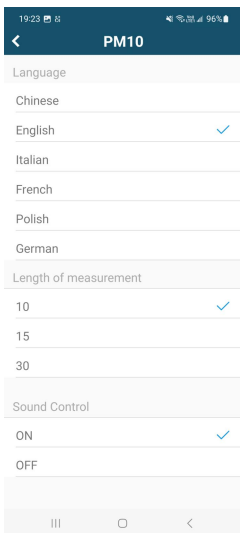
Do you want to delete the data from the device after receiving it?

☐ YES ☒ NO

Please select the type of data to upload

☒ Not uploaded ☐ All data

- e. You can also alter the settings of EKG Monitor, including “Language”, “Length of measurement” and “Sound Control: ON/OFF”.



- f. You can also set your own information including “Name”, “Gender”, “Birthday” on Report Settings –

19:22 96%

< About Report Settings

Name	user
Gender	Male
Birthday	1965-8-24

Synchronize ☒

★ If the synchronization switch is enabled, the information will be synchronized to the report

Troubleshooting and Solution

If the device has a problem account, please look up the following sheet for solutions first, if not included in the following issues and you can not solve either, please contact with the customer service.

Problem	Cause	Solution
Start-up failure after long press the on/off button.	The batteries are worn out.	Please recharge the batteries.
Automatically shut down in using process.	The batteries are worn out.	Please recharge the batteries.
The noise is too big or the heart rate is random in EKG sample process.	Your skin is dry.	Wipe them with disinfectant alcohol or electric salve.
	There is unwanted movement in sample process.	Please comfortably sit, draw yourself up to carry on sample.
	The sample environment has strong electromagnetic noise.	Please close interference source or resample in no strong electromagnetic noise environment.
Wireless communication failure.	Unable to send or receive data.	Restart the device. Check whether the Bluetooth adapter, or mobile phone Bluetooth normally.
	The sample environment has strong electromagnetic noise.	Please close interference source or resample in no strong electromagnetic noise environment.

Maintenance, Transportation & Storage

1. Cleaning and Disinfecting

Turn off the device before cleaning. Rubbing alcohol is appropriate for device disinfection, then air dry. Or just wipe it with a dry and clean cloth for cleaning. Do not allow any liquid to enter the device.















2. Maintenance








- a. Any equipment maintenance and upgrades must be carried by the professionals who are trained and authorized by the company for repair.
- b. Prevent any liquid from seeping into the device as it will affect the safety and performance of the device.
- c. The device should avoid the use of excessive shaking or impact.
- d. Do not place objects on the device. This could damage the touch screen.
- e. If you do not use the device for a long time, please charge the battery to full every 3 months, otherwise, it will cause permanent damage to the battery.
- f. The device should not be maintained during being used.

3. Transportation and Storage

- a. The device transportation conforms to general transportation means guidelines. Avoid excessive shock, vibration, rain and moisture during transportation of device.
- b. Store the packaged device in an environment with temperature -40°C to +55°C, relative humidity no more than 95%, atmospheric pressure 500 hPa to 1060 hPa, no corrosion gas and well-ventilated room.

Explanation of Symbols

Symbol	Description	Symbol	Description
	Follow instructions for use		Type BF applied part
 bpm	Pulse rate (bpm)		Bluetooth
	Power button/function button	IP22	Covering protection rate
	USB		WEEE disposal
	Humidity limitation		Atmospheric pressure limitation
CE	Medical Device complies with Directive 93/42/EEC		Store between -40°F and 131°F (-40°C and 55°C)
	Serial number		Manufacturer
	Date of manufacture		Caution: read instructions (warnings) carefully

	Keep away from sunlight		Keep in a cool, dry place
	Do not use this equipment in the MRI scan room		Product code
	Authorized representative in the European community		This side up
	Fragile, handle with care		

TECHINICAL SPECIFICATION

Normal Work Environment

- Operation environment
 - Temperature: 41°F ~ 104°F (+5°C~+40°C)
 - Relative humidity: 25%~80%
 - Atmospheric pressure: 70 kPa~106 kPa
 - Power supply: built-in rechargeable lithium battery, voltage: 3.7 V
- Transportation and storage environment
 - Temperature: -40°F ~ 131°F (-40°C~+55°C)
 - Relative humidity: ≤95%
 - Atmospheric pressure: 50 kPa~106 kPa

Basic Parameters

- Lead: Standard 3 level, I, II, III
- Calibration voltage: 1mV±5%
- Standard sensitivity: 10mm/mV±5%

4. Amplitude frequency characteristics: standard: 10Hz; 1Hz - 20Hz; (+0.4dB, -3dB)
5. Noise level: $\leq 30\mu\text{V}$
6. Input impedance: $\geq 50\text{M}\Omega$
7. CMRR: $\geq 60\text{dB}$
8. Scanning speed: $25\text{mm/s} \pm 5\%$
9. Sampling rate: 250 dots/s
10. HR measurement range: 30bpm - 300bpm, error: $\pm 1\text{bpm}$ or 1%
11. Battery voltage: DC 3.7V
12. Type of protection against electric shock: internal power device
13. Degree of protection against electric shock: Type BF applied part
14. Degree of waterproof: IP22
15. Display: 1.77" color TFT-LCD
16. Size: 3.94" (100mm) L x 1.77" (45mm) W x 0.59" (15mm) H
17. Weight: about 2.1oz (60g)
18. Bluetooth specifications:
 - Bluetooth protocol: Bluetooth V4.0, Classic and Low Energy
 - Operating frequency: 2.4GHz ISM band
 - Modulation: GFSK (Gaussian Frequency Shift Keying)
 - Transmitting power: $< 10\text{dBm}$, Class 1
 - Sensitivity: -92dBm at BER $< .001$ with DH5
 - Transfer rate: 1.5Mbps data throughput
 - Safety features: Authentication and encryption
 - Support Services: Bluetooth SPP/IAP/HID/OBEX
 - Effective RF Radiated Power Output: $< 10\text{dB}$
 - Operating Range: 2400MHz – 2485MHz
 - Bandwidth of Receiving Section: 85M

Electromagnetic Compatibility and Interference

Guidance and manufacturer's declaration - electromagnetic emissions for all EQUIPMENT and SYSTEMS


Guidance and manufacturer's declaration - electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment - guidance
RF emission CISPR 11	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emission CISPR 11	Class B	The device is suitable for use in all establishments, including domestic and those directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.

Guidance and manufacturer's declaration - electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601	Compliance level	Electromagnetic environment -

	test level		guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±8kV contact ±15kV air	±8kV contact ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Mains power quality should be that of a typical commercial or hospital environment.

Guidance and manufacturer's declaration – electromagnetic immunity – for EQUIPMENT and SYSTEMS that are not LIFE-SUPPORTING

Guidance and manufacturer's declaration - electromagnetic immunity			
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.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.7 GHz	10 V/m	Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the

			<p>recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance</p> $d = \left[\frac{3.5}{E^1} \right] \sqrt{P}$ <p>80 MHz to 800 MHz</p> $d = \left[\frac{7}{E^1} \right] \sqrt{P}$ <p>800 MHz to 2,7 GHz</p> <p>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m).</p> <p>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</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> 
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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.

Recommended separation distances between portable and mobile RF communications equipment and the EQUIPMENT or SYSTEM – for EQUIPMENT or SYSTEM that are not LIFE-SUPPORTING

Recommended separation distances between portable and mobile RF communications equipment and the device

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

**Rated
Maximum output
power of transmitter
(W)**

**Separation distance according to
frequency of transmitter (m)**

	80 MHz to 800 MHz	800 MHz to 2,7 GHz
	$d = \left[\frac{3,5}{E^1} \right] \sqrt{P}$	$d = \left[\frac{7}{E^1} \right] \sqrt{P}$
0,01	0,12	0,23
0,1	0,37	0,74
1	1,17	2,33
10	3,69	7,38
100	11,67	23,33
<p>For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated 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.</p> <p>NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.</p> <p>NOTE 2: These guidelines may not apply in all situations.</p> <p>Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>		

FCC Instructions

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

NOTE: 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. This 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 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 product and receiver.
- Connect the product into 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.

The 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.

limited warranty

This manufacturer's limited product warranty extends to the original consumer purchaser of the product. Neither the retailer nor any other company involved in the sale or promotion of this product is a co-warrantor of this manufacturer warranty.

WARRANTY DURATION: All materials and workmanship are warranted to the original consumer purchaser for a period of ninety (90) days from the original purchase date.

WARRANTY COVERAGE: This product is warranted against defective materials or workmanship. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty doesn't cover the following which may be supplied with this product, including but not limited to; LCD Screens, glass parts, lenses, bulbs etc. This warranty is effective only if the product is purchased and operated in USA and Canada, and does not extend to any units which have been used in violation of written instructions

furnished by manufacturer or to units which have been altered or modified or, to damaged products or parts thereof which have had the serial number removed, altered, defaced or rendered illegible.

WARRANTY DISCLAIMERS: This warranty is in lieu of all warranties expressed or implied and no representative or person is authorized to assume for manufacturer any other liability in connection with the sale of our products. There shall be no claims for defects or failure under any theory of tort, contractor commercial law including but not limited to, negligence, gross negligence, strict liability, breach of warranty and breach of contract. Under no circumstances will Manufacturer's / Distributor's maximum liability exceed the retail value of the product.

WARRANTY PERFORMANCE: During the 90 day warranty period, a product with a defect will be either repaired or replaced with a reconditioned comparable model (at manufacturer's option). The repaired or replacement product will be in warranty for the balance of the 90 day warranty period and an additional one-month period. No charge will be applicable for such repair or replacement.

SERVICE AND REPAIR: If service is required for this product, you should first contact Nuvomed Inc Customer Service at info@nuvomed.com or by calling 1-(888)-738-6886, Monday to Friday 10am to 6pm EST.

NOTE: Manufacturer cannot assume responsibility for loss or damage during shipment. As a precautionary measure, carefully package the product for shipment, and insure it with the carrier. Be sure to enclose the following details with the product: your full name, return address and daytime phone number, a note describing the problem you experienced, a copy of your sales receipt or other proof of purchase to determine warranty status. C.O.D. shipments cannot be accepted.

