Gima S.p.A.
Via Marconi, 1 - 20060 Gessate (MI) Italy
gima@gimaitaly.com - export@gimaitaly.com
www.gimaitaly.com

PROFESSIONAL MEDICAL PRODUCTS

SFIGMOMANOMETRO DIGITALE DOMINO
DIGITAL SPHYGMOMANOMETER DOMINO
TENSIOMÈTRE NUMÉRIQUE DOMINO
DIGITAL-BLUTDRUCKMESSGERÄT DOMINO
ESFIGMOMANÓMETRO DIGITAL DOMINO
ESFIGMOMANOMETRO DIGITAL DOMINO
ΨΗΦΙΑΚΟ ΠΙΕΣΟΜΕΤΡΟ DOMINO
DOMINO مقياس ضغط الدم

Manuale d'uso - User manual
Manuel de l'utilisateur - Gebrauchsanweisung
Guía de Uso - Guia para utilização
Οδηγίες χρήσης - *دليل الإستعمال والرعاية*

ATTENZIONE: *Gli operatori devono leggere e capire completamente questo manuale prima di utilizzare il prodotto.*
ATTENTION: *The operators must carefully read and completely understand the present manual before using the product.*
AVIS: *Les opérateurs doivent lire et bien comprendre ce manuel avant d'utiliser le produit.*
ACHTUNG*: Die Bediener müssen vorher dieses Handbuch gelesen und verstanden haben, bevor sie das Produkt benutzen.*
ATENCIÓN: *Los operadores tienen que leer y entender completamente este manual antes de utilizar el producto.*
ATENÇÃO: *Os operadores devem ler e entender completamente este manual antes de usar o produto.*
ΠΡΟΣΟΧΗ*: Οι χειριστές αυτού του προϊόντος πρέπει να διαβάσουν και να καταλάβουν πλήρως τις οδηγίες του εγχειριδίου πριν από την χρήση του.*
الحذر: *على العمال قراءة وفهم هذا الدليل بكامله قبل البدء باستعمال المنتج.*

REF **32803 - 32804**

CE 0476

Gima S.p.A.
Via Marconi, 1
20060 Gessate (MI) Italy
Made in China

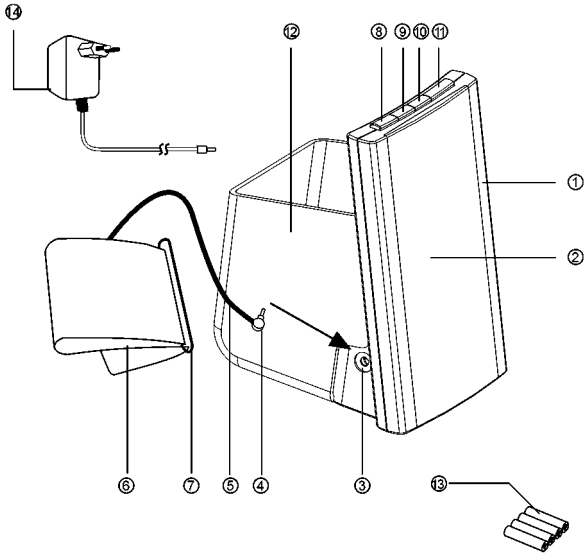
M32803-M-Rev.1-01.19

1. Struttura principale
2. Display
3. Connettore aria
4. Spina tubo
5. Tubo dell'aria
6. Bracciale
7. Anello D-ring
8. Pulsante "F"
9. Pulsante "M1"
10. Pulsante "M2"
11. Pulsante "START"
12. Custodia
13. 4 Batterie AA
14. Adattatore AC

1. Main Body
2. Display
3. Air Connector
4. Tube Plug
5. Air Hose
6. Cuff
7. D-ring
8. Button 'F'
9. Button 'M1'
10. Button 'M2'
11. Button 'START'
12. Storage Case
13. 4xAA Batteries
14. AC Adapter

1. Corps principal
2. Écran
3. Connecteur de l'air
4. Fiche tuyau
5. Tuyau de l'air
6. Brassard
7. Anneau D-ring
8. Bouton « F »
9. Bouton « M1 »
10. Bouton « M2 »
11. Bouton « START »
12. Étui
13. 4 piles AA
14. Adaptateur AC

1. Hauptstruktur
2. Display
3. Luftanschlussbuchse
4. Schlauchstecker
5. Luftschlauch
6. Armmanschette
7. D-Ring
8. Taste "F"
9. Taste "M1"
10. Taste "M2"
11. Taste "START"
12. Gehäuse
13. 4 AA-Batterien
14. AC-Netzteil



1. Estructura principal
2. Display
3. Conector aire
4. Clavija tubo
5. Tubo del aire
6. Manguito
7. Anillo D-ring
8. Botón "F"
9. Botón "M1"
10. Botón "M2"
11. Botón "START"
12. Estuche
13. 4 Pilas AA
14. Adaptador AC

1. Estrutura principal
2. Visor
3. Conector ar
4. Espinha tubo
5. Tubo do ar
6. Braçadeira
7. Anel D-ring
8. Botão "F"
9. Botão "M1"
10. Botão "M2"
11. Botão "START"
12. Estôjo
13. 4 Pilhas AA
14. Adaptador AC

1. Βασική σύνθεση
2. Οθόνη
3. Συνδετήρας αέρα
4. Βύσμα σωλήνα
5. Σωλήνας αέρα
6. Περιβραχιόνιο
7. Δαχτύλιος D-ring
8. Πλήκτρο "F"
9. Πλήκτρο "M1"
10. Πλήκτρο "M2"
11. Πλήκτρο "START"
12. Θήκη
13. 4 Μπαταρίες AA
14. Προσαρμογέας AC

1. الهيكل الأساسي
2. شاشة العرض
3. موصل الهواء
4. قابس الأنبوب
5. أنبوب الهواء
6. لفاف الذراع
7. حلقة D-ring
8. زر "F"
9. زر "M1"
10. زر "M2"
11. زر "START"
12. محفظة
13. 4 بطاريات AA
14. مهايئ AC

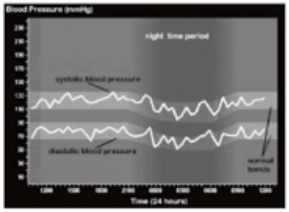
PRINCIPLE OF OPERATION

This device adopts the oscillometric technology with Fuzzy Algorithm measuring the arterial blood pressure and pulse rate. The cuff is wrapped around the arm and automatically inflated by the air pump. The sensor of the device catches weak fluctuation of the pressure in the cuff produced by extension and contraction of the artery of the arm in response to each heartbeat. The amplitude of the pressure waves is measured, converted in millimeters of the mercury column, and is displayed by digital value.

Annotation: *This device can not provide reasonable accuracy if used or stored in the temperature or humidity beyond the range stated in the section <SPECIFICATIONS> of this manual.*

TIPS UN TAKING BLOOD PRESSURE MEASUREMENT

1. Generally arterial blood pressure is lower in summer and higher in winter. Arterial blood pressure changes with atmosphere pressure and is affected considerably by many factors, e.g. physical loads, emotional excitability. stress, meals, etc. Medicines, drinking, smoking affects greatly the level of individual blood pressure. Blood pressure will raise in low temperature, so it is better to take blood pressure measurement in room temperature (approximately 20°C). If this device was stored in low temperature, it is necessary to leave it in room temperature for at least 1 hour, otherwise the measurement can be inaccurate. Blood pressure does vary with age and individual, and it is recommended to write down the readings in blood pressure record daily, then you can check with your doctor to find out what is “normal blood pressure” for you.



The illustration is from British Hypertension Society

2. Take measurement under doctor’s instruction for patients with cardio-vascular diseases.Under no circumstances should you alter the dosages of any drugs prescribed by your doctor!
3. Accurate measurement of blood pressure may be difficult in serious arteriosclerosis, weak pulse, or in patients with obvious fluctuation of heart contraction rhythm. Please consult qualified physician interpret your blood pressure readings.
4. Measurement should be conducted in quiet environment. Don’t eat or smoke before a measurement. This device is supplied with the standard cuff which is fit for the arm size 22-32 cm. Children and adults with cuff size fall outside the range 22-32 cm should select special size cuffs. Piease contact the dealer to get these special size cuffs.

ATTENTION: *Do not use cuff other than the original cults contained In this kit*

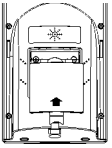
5. Repeated measurements with interval at 3 minutes are recommended, s you can calculate the average to get more accurate measurement. Atherosclerosis patients are required longer interval (10-15 minutes) as elasticity of patients‘ vessels decreased significantly in these diseases. 10-15 minutes interval is also applicable for patients suffering from diabetes for a long time

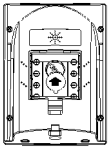
BATTERY INSTALLATION

1. Open the battery cover and then open the button battery cover, then install one ‘CR2025’button battery into the button battery compartment;
2. Close the button battery compartment cover;
3. Install four ‘AA’ type batteries into the battery compartment as indicated. Make sure that the polarity is correct; batteries can be shorter than the recommended;
4. Close the battery compartment cover.

- Inbuilt button battery for keeping the date/time uninterruptedly during changing the batteries (4x AA batteries).
  If the new batteries are installed into the device, the date and time displays ‘01/01’ and ‘00:00’ icon in the LCD, it indicates that you need change the new button battery.

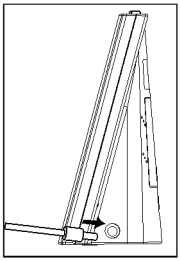
- Replace the batteries when the replacement indication '▭' appears in the display or nothing after '**START**' button is pressed;
- Batteries in this kit are intended to check work capacity of the device and the life-span of the batteries can be shorter than the recommended;
- Replace all batteries simultaneously, and don't use rechargeable batteries;
- If the device is to be unused for long time, please take out the batteries;
- Don't leave the worn batteries in the device;
- When the low battery indication '▭' flashes on the LCD during measurement, it reminds that the user will change all the batteries but can be used currently, when the low battery indication '▭' in the LCD and at the same time the buzzer beeps for 4 times continuously, it indicates that the user need change all batteries at once.





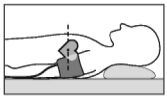
USE THE DEVICE WITH AC POWER ADAPTER

Besides batteries you can use AC power adapter as the power supply.
AC power adapter is optional for the device for sale.
The connector of AC power adapter is located in right side of the device.
Use only AC power adapter with below specified technical features:
Output voltage: 6V±5%
Max. output current: At least 600 mA
Output plug polarity: <-> inner
External diameter: 5.5±0.1 mm
Internal diameter: 2.1± 0.1 mm
Length: 10± 0.3 mm



CORRECT POSTURE FOR MEASUREMENT

1. Sit at the table and let the table support your arm as you take the measurement. Make sure that the cuff on the upper arm is at approximately the same level as the heart, and that the forearm is extended naturally on the table;
2. You may lie on your back and take measurement.
   Look at the ceiling, keep calm, and don't move your neck or body during the measurement. Make sure that the cuff on the upper arm is at approximately the same level as the heart.



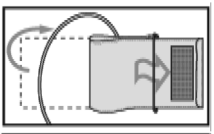
ASSEMBLY THE CUFF

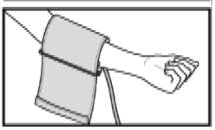
1. Insert the edge of the cuff approximately 5 centimeters into the D-ring as shown in figure.

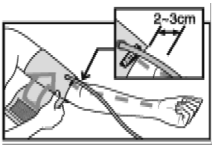
2. Put the cuff on the left upper arm with the tube pointing to the direction of palm.
   If measurement on your left arm is difficult, you can use right arm for measurement.
   In this case, it is necessary to know that the readings may differ about 5-10 mmHg between left arm and right arm.

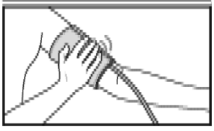
3. Wrap cuff around your upper arm with the lower edge of the cuff approximately 2-3 centimeters above the elbow. The mark <ART ERY > must be over the artery of the arm.

4. Press the cuff to make sure that it is attached securely. The cuff should not be too tight or too loose. Two fingers should be easily put in between cuff and upper arm.

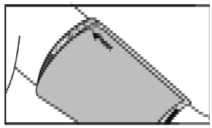




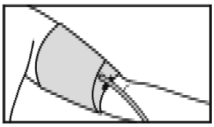




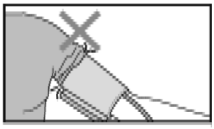
5. The mark <INDEX> on the cuff must point to area <NORMAL> (22-32 cm).
   This means the cuff size is correct. If mark <INDEX> points to the area beyond area <NORMAL>, please consult your dealer whether you need another size cuff.



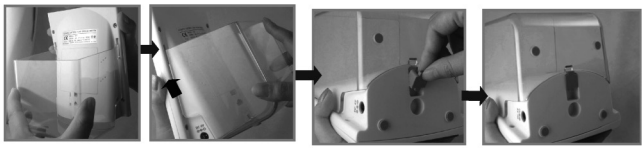
6. Sometimes it is difficult to make the cuff regular owning to the shape of the user's upper arm, the cone-shape assembly of cuff is also acceptable.



7. If your clothes restrict blood circulation of your upper arm, or you roll your sleeve up so as to result in such restriction. Please take off your clothes to get accurate measurement if necessary.



ASSEMBLY THE STORAGE CASE



1. Three hooks of storage case aim at the concaves of device respectively;
2. Push the storage case upwards;
3. To fill tightly with the plug.

SETTING THE DATE AND TIME

The function provides accurate measuring time for each measurement.
To get accurate date and time, the user should preset the date and time correctly before the first use of this device.

The operation procedure for presetting Date/Time is as follows:
1. When the device is connected to power supply at first time,the display will show as Fig. 1;

Fig. 1

Fig. 2

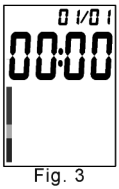


Fig. 3

2. Press button **'F'**, and the year number flashes;
3. Press button **'M1'** or **'M2'** to subtract or add the number, and press button **'START'** for confirmation;
4. When the year setup is finished, the month number will flash automatically as Fig.3. Please follow the same instruction as above to set month, date and time;
5. Press button **'START'** to finish setup. If you want to change the date and time, please repeat procedure 2.3.4.

FUNCTION OF REMINDERS

Setting reminders

This monitor has 3 reminder alarms. You can set 3 different reminder alarms within a 24 hours period.
1. When the device stands by, press button **'F'** two times to enter into alarm 01 mode, the display will show as Fig.4;
2. Press button **'M1'** or **'M2'** the display will show as Fig.5 and at the same time the hour number flashes;

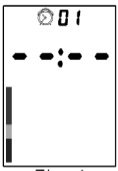


Fig. 4

3. Press button **'M1'** or **'M2'** again to subtract or add the number, and press button **'START'** for confirmation;
4. When the hour number setup is finished, the minute number will flash automatically. Please follow the same instruction as above to set minute number;
5. Press button **'START'** for confirmation.
6. When the device stands by, press button **'F'** three and four times respectively to enter into alarm 02 and 03 mode. Repeat the above process if you need a second and third alarm clock.

Annotation: When the alarm is on under device stands by, the icon '⏰' flashes on LCD and goes with beep for 1 minute. Press the button **'START'** to turn off the alarm.
When the alarm is on during measurement, the icon '⏰' flashes on LCD for 1 minute without beep. Under this situation, if you press the button **'START'**, it will stop both the icon '⏰' flashing and measurement.

Fig. 5

Fig. 6

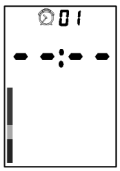


Fig. 7

Reminders clearance

1. When the device stands by, press button **'F'** two times to enter into alarm 01 mode, then press button **'M1'** for at least 5 seconds, the display will show as Fig.7 which means the alarm 01 is removed.
2. When the device stands by, press button **'F'** three and four times respectively to enter into alarm 02 and 03 mode . Repeat the above process to remove the alarm 02 and alarm 03.

AMBIENT TEMPERATURE DISPLAY AND ADJUSTMENT

This monitor can display the ambient temperature and the unit °C and °F can be adjustable. °C mode display in the LCD when the first time used.

1. When the device stands by, press button **'F'** five times to enter into the temperature adjustable mode, then press button **'M1'** to turn into °F mode and press button **'START'** for confirmation.
2. Press button **'M2'** to convert °F mode into °C mode.

Annotation: When under the mode of function reset, if without any operation in 1 minute, the device will automatically return to standby mode.

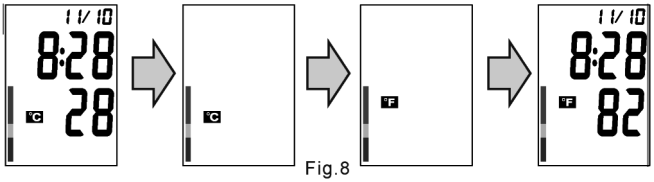


Fig.8

CARRY OUT A MEASUREMENT

1. Insert the tube plug into the air connector. Before the measurement, take 3~5 times deep breath and relax yourself. Don't talk or move your arm;
2. Press button **'START'**, and all symbols will appear on display in 2 seconds as Fig.9. Then two short beep will sound and '0' will appear on the screen. Pump begins to inflate with display showing the reading of pressure. Generally the pressure will reach 190mmHg as Fig.10;

Fig. 9

Fig. 10

Fig. 11

3. The pump stop inflating and pressure begins to decrease gradually, during which the user's blood pressure and pulse will be calculated as Fig.11;
4. There will be a long beep following the accomplishment of measurement. The air in the cuff will deflate quickly and the blood pressure reading, pulse reading will show in the display. Moreover the measuring time will also display together in two screens alternately. At the same time, the '🚶' will flash to remind the user to record the reading as Fig.12;

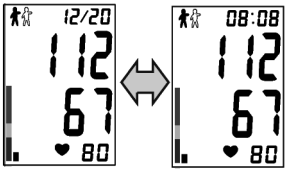


Fig. 12

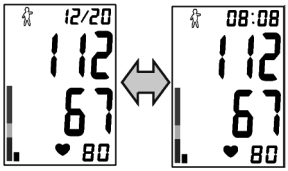


Fig. 13

5. Press button **'M1'** or button **'M2'** to record the reading in corresponding memory. For example, if button **'M2'** is pressed, the display will show as Fig.13. If the user does not press button, the reading won't be recorded;
6. Press the button **'START'** to return to standby mode. Please rest for at least 3 minutes for another measurement. The device keeps unused for 3 minutes, the device will be return to standby mode automatically.

Automatic inflation

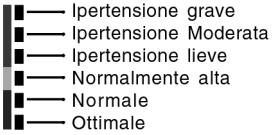
There are 4 given levels of given inflation pressure for this device: 190mmHg, 230mmHg, 270mmHg and 300mmHg.

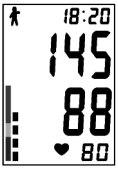
When 190mmHg is not enough or movement of arm occurs, the device will automatically inflate to reasonable pressure level to ensure a successful measurement. It is not a fault.

Rapid deflation during measurement

If you do not feel well during measurement or want to stop the measurement for some reason, you can press the START button. The device will quickly release the air in cuff and the device will be returned to standby mode.

The indicator displays a segment, based on the current data, corresponding to the WHO classification. For example, if your blood press is 145mmHg (Systolic Pressure), 88mmHg (Diastolic Pressure), according to the world health organization standard, your blood pressure level is Mild Hypertension





Note: If the systolic blood pressure and diastolic blood pressure fall into different categories, the higher value should be taken for classification.

FUNCTION OF MEMORY

Memory recall

1. Domino can store 60 sets of readings each in '🚶' and '🚶' , and will automatically calculate the average value of the latest 3 readings for **'M1'** and **'M2'** respectively. When the memory is full (60 sets of readings are stored), the oldest reading will be replaced by new one. Memory will not clear away even if power supply is removed;
2. After a measurement is finished or when the device stands by, the user can press button **'M1'** or button **'M2'** to recall memory. Press button **'M1'** or **'M2'**, the display will show the average value of the latest 3 readings as Fig.14;

Fig. 14

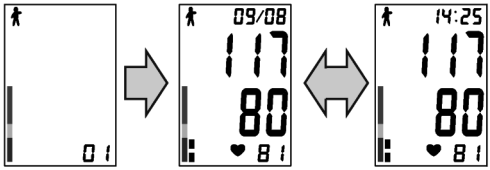
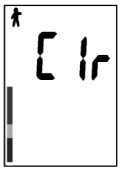


Fig. 15

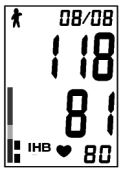
3. Press again, the display will show '01', which means the latest reading, then turns to another screen to show readings and measuring time as Fig.15;
4. Press again, the display will show '02', which means the second to the latest reading…

Memory clearance
After a measurement is finished or when the device stands by, hold down button **'M1'** or **'M2'** for at least 5 seconds, the display will show 'CLR' which means the stored reading for **'M1'** or **'M2'** is removed.



IRREGULAR HEARTBEAT DETECTOR

Model Domino digital blood pressure monitor provides a blood pressure and pulse rate measurement even when an irregular heartbeat occurs. When the device detects the irregular heartbeat or any excessive body movement during measurement, the 'IHB ' icon will display in the LCD. It is important that you be relaxed, remain still and do not talk during measurement.
Note: We recommend contacting your physician if you see this 'IHB' indicator frequently.



ERROR AND LOW BATTERY INFORMATION

INDICATION	POSSIBLE REASON	CORRECTION METHODS
	The cuff is put on wrongly or the tube plug is inserted too loosely.	Make sure that cuff is put on correctly and the tube plug is inserted tightly and repeat the measurement.
	Movement of arm/hand or talking during measurement.	Repeat the measurement with following completely recommendations of manual.
	The cuff is not inflated to necessary pressure.	Repeat the measurement with pumping cuff on 30-40 mmHg above expected systolic pressure.
	The batteries are weak.	Replace all 4 batteries with new ones.

CARE, STORING, REPAIR AND RECYCLING

1. It's necessary to protect this device against high moisture, direct sunlight, shock, solvent, alcohol and gasoline.
2. Remove the batteries if the device is to be stored for a long time, and keep the batteries far from the children.
3. Keep the cuff from sharp subject and don't extend or twist the cuff.
4. Use only soft and dry cloth to clean the device.
5. The cuffs are sensitive and must be handled with care. You can clean the cuff cover with damp cloth.
WARNING: Under no circumstances may you wash the inner bladder!
6. It is necessary to consult specialists yearly for checking technical condition of the device. Please consult your dealer for more information.

7. Since neither the device nor batteries are household waste, follow your local recycling rules and dispose them at appropriate collection sites.

TROUBLESHOOTING

SYMPTOM	CHECK POINT	REMEDY
No display when the START button is pressed.	The batteries have run down.	Replace all the batteries with new ones.
	The polarity of battery is wrong.	Install the batteries correctly.
	The contact of battery compartment is polluted	Clean the battery terminals with dry cloth.
Inflation stops and reinflate later.	The automatic inflation for ensuring correct measurement.	See <AUTOMATIC INFLATION>.
	Did you talk or move your arm (or hand) during measurement?	Keep quiet and silent during the measurement.
The reading is extremely low or high.	Is the cuff at the same level as the heart?	Make sure that your posture is right.
	Is the cuff wrapped right?	Wrap the cuff correctly.
	Did you strain your arm during measurement?	Relax during measurement.
	Did you talk or move your arm (or hand) during measurement?	Keep quiet and silent during the measurement.
Pulse rate is too low or too high.	Did you talk or move your arm (or hand) during measurement?	Keep quiet and silent during the measurement.
	Did you make measurement right after exercise?	Take measurement again after resting for more than 5 minutes.
The batteries are run down soon.	Faulty batteries are used.	Use alkaline batteries of known manufacturers.

SPECIFICATIONS

Model: Domino
Size: 158(L) ×120(W) ×127(H)mm
Weight: Approximately 490g without batteries
Measuring method: Oscillometry
Measuring range: 40 to 260 mmHg (blood pressure); 40 to 160 beats/minute (pulse rate)
Measuring accuracy: ± 3 mmHg for systolic and diastolic pressure;
± 5% of the reading for the pulse rate
Inflation: Automatic by the pump
Rapid deflation: Automatic electronic valve
Batteries: 4“AA”×1.5V
Adapter: Optional component, 6V, 600mA
Memory: 2×60 sets of memories
Operation temperature and humidity: +10. to + 40, 85% and below
Storage temperature and humidity: -20. to + 50, 85% and below
Cuff size: Applicable for arm size 22-32 cm
Complete kit: Main body, storage case, cuff, 4×AA batteries (Optional),1xCR2025 button battery, adapter (Optional), instruction manual

Symbols					
CE	Medical Device complies with Directive 93/42/EEC	REF	Product code		WEEE disposal
	Caution: read instructions (warnings) carefully	LOT	Lot number		Keep away from sunlight
	Follow instructions for use		Manufacturer		Keep in a cool, dry place
	Type BF applied part		Date of manufacture	SN	Serial number

Disposal: *The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.*

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product. This product meets high qualitative standards both as regards the material and the production.
The warranty is valid for 12 months from the date of supply of GIMA.
During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons.
Labor costs and personnel traveling expenses and packaging not included.
All components subject to wear are not included in the warranty.
The repair or replacement performed during the warranty period shall not extend the warranty. The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use.
GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc. The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.The defected products must be returned only to the dealer the product was purchased from. Products sent to GIMA will be rejected.

Guidance and manufacture's declaration-electromagnetic immunity			
The device is intended for use in the electromagnetic environment listed below, and should only be used in such environments:			
Immunity test	**EN 60601 test level**	**Compliance level**	**Electromagnetic environment-guidance**
Electrostatic discharge (ESD) IEC 61000-4-2	±6kV contact ±8kV air	±6kV contact ±8kV air	Floors should be wood, concrete or ceramic tile. If floor are covered with synthetic material, the relative humidity should be at least 30%.
Power frequency magnetic field IEC 61000-4-8	3A/m	3A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Electrical fast transient/burst IEC 61000-4-4	±2kV for power supply lines	±2kV for power supply lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1kV line(s) to line(s)	±1kV line(s) to line(s)	Mains power quality should be that of a typical commercial or hospital environment.
Interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% U_T (>95% dip in U_T) for 0.5 cycle 40% U_T (60% dip in U_T) for 5 cycles 70% U_T (30% dip in U_T) for 25 cycles <5% U_T (>95% dip in U_T) for 5sec	<5% U_T (>95% dip in U_T) for 0.5 cycle 40% U_T (60% dip in U_T) for 5 cycles 70% U_T (30% dip in U_T) for 25 cycles <5% U_T (>95% dip in U_T) for 5sec	Mains power quality should be that of a typical commercial or hospital environment.

Guidance and manufacture's declaration-electromagnetic immunity

The device is intended for use in the electromagnetic environment listed below, and should only be used in such environments:

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF IEC61000-4-6	3Vrms 150KHz to 80MHz	3Vrms	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. **Recommended separation distance** $d=\left[\frac{3.5}{V_1}\right]\sqrt{P}$ $d=\left[\frac{3.5}{E_1}\right]\sqrt{P}$ 80MHz to 800MHz $d=\left[\frac{7}{E_1}\right]\sqrt{P}$ 800MHz to 2.5GHz 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 meters (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: 
Radiated RF IEC61000-4-3	10V/m 80MHz to 2.5GHz	3V/m	

NOTE 1 At 80MHz 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 themapplicable 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 3V/m.