Gemini
Technologies

Gemini GLS
User Manual

Gemini GLS (Global Location Service)

About Device

The simple, yet sporty and sleek Gemini GLS is a personal and portable tracking device unlike anything else. Always know where your child may be. Watch over loved ones who may need you. Track your company's assets wherever they go. With just one push of a button, you can know within seconds the exact location your Gemini device.*
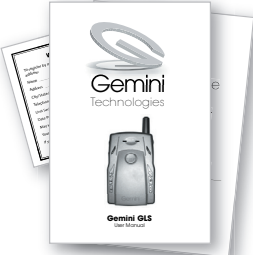
Device Features

- An "SOS" Button that immediately sends an alert to contacts preset by the user in case of an emergency
- Speed Dial Buttons that allow the unit to call up to 2 pre-determined numbers (a third Speed Dial Button is reserved for Gemini Customer Service)
- An LED indicator to show GSM (cellular) and GPS signal strength, as well as a low battery indicator and Test Button for GSM (cellular) and GPS coverage
- Rechargeable battery with capacity of up to 22 hours, with a short charging time of only 4 hours to restore full battery capacity
- A sensitive microphone and speakerphone for using the cellular phone functions (a headset port is also included, if privacy is desired by the user)
- Tri-band modem for worldwide coverage, with a highly sensitive GPS module
- Sleek and stylish design that is both attractive if exposed or easily concealed with the use of available accessories
- Extended standby time over 30 hours
- Talk time of up to 4 hours
- Secure online account access for unit personalization and tracking.
- User defined Geofence (also referred to as Safety Zone) to set defined perimeters for alert notification

*Your Gemini device operates using the GSM and GPRS cellular network and must be within an area with cellular coverage to function properly. Please refer to the Terms and Conditions for use at www.geminitracking.com.

Contents

Packing List

Gemini GLS Unit	Home Charger	Armband
User's Manual, Set Up Guide and Warranty Card	Car Charger	Desktop Battery Charger

Note	• Contents of the manual are subject to change without notice. • Accessories may vary by region. Please consult your retailer.

Description of Unit

Front View

Speaker

Charging Light

SOS Button

Speed Dial 1

Speed Dial 2

Speed Dial 3
Gemini Customer Service

GSM (cellular)
& GPS Antenna

Signal Light

Answer Button
(green)

Geofence Button

Hang-up Button
(red)
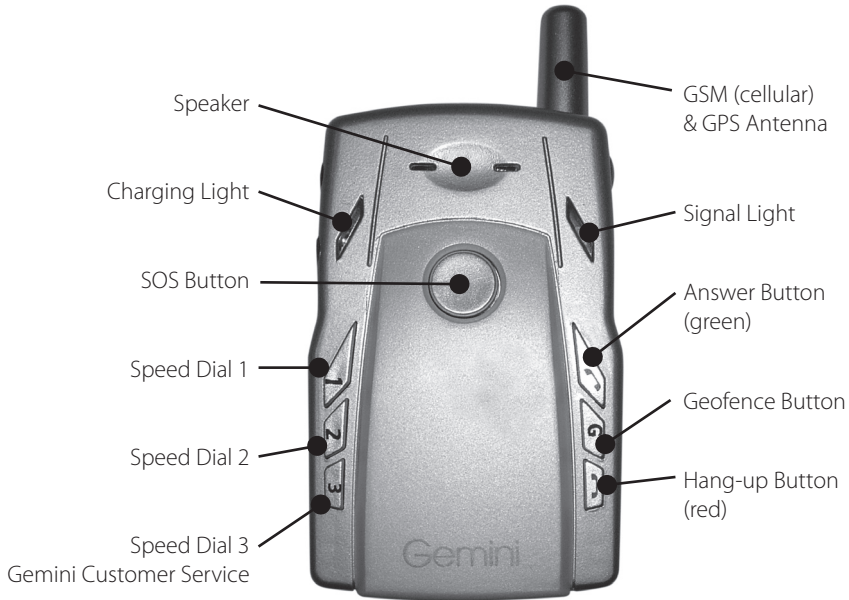
Signal Light	LED light information for user (See "Description of Lights" on page 4 for details)
SOS Button	Reports to the control center by sending a text message when pressed, signaling an emergency.
Speaker	Speaker for voice calls when not using earphones
Charging Light	Light stays on when charging is in process and turns off when charging is complete
Answer Button	Press to answer an incoming call
Geofence Button	Activates and deactivates the Geofence feature
Hang-up Button	Press to end a call
GSM (cellular) & GPS Antenna	External component for receiving GSM (cellular) and GPS signals
Speed Dial 3	Press to dial Gemini Customer Service
Speed Dial 2	Press to dial the second designated phone number
Speed Dial 1	Press to dial the first designated phone number

Description of Unit *(continued)*

Rear View

Battery Cover

Strap Mount

Armband Holders (not shown) are optional.

Armband Holder	For attaching armband to unit, can be attached if desired
Battery Cover	Removes easily to change the battery
Strap Mount	For attaching a strap or necklace to the unit

Bottom View

On/Off Switch

ON OFF
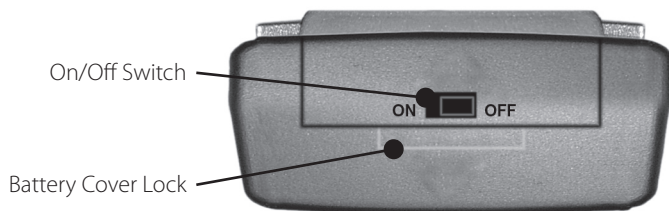
Battery Cover Lock

On/Off Switch	To turn power On/Off
Battery Cover Lock	To lock the battery cover

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Description of Unit *(continued)*

Left View

Microphone
Charger Jack

Earphone Jack
Music Ring Output

Armband Holder (not shown) is optional.

Right View

Volume/Test Button

TEST / VOL

Armband Holder (not shown) is optional.
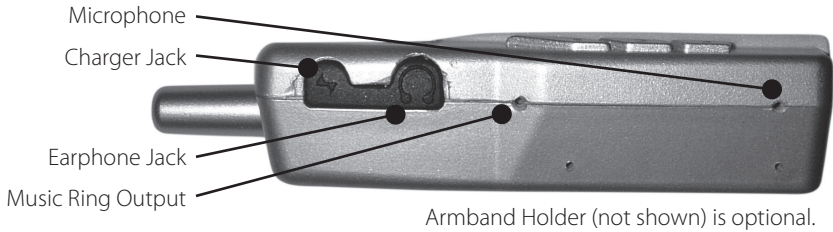
Microphone	To speak into for voice calls
Charger Jack	For charging the battery of the main unit
Earphone Jack	For hands free function
Music Ring Output	Music ring for incoming call
Volume/Test	To adjust the volume during phone calls. In standby mode, if pressed for more than 2 seconds, the unit will beep and show the GPS and GSM (cellular) reception on the LED (See "Quick Reference Guide," on page 14 for details)

Description of Lights

Signal Light

Charging Light
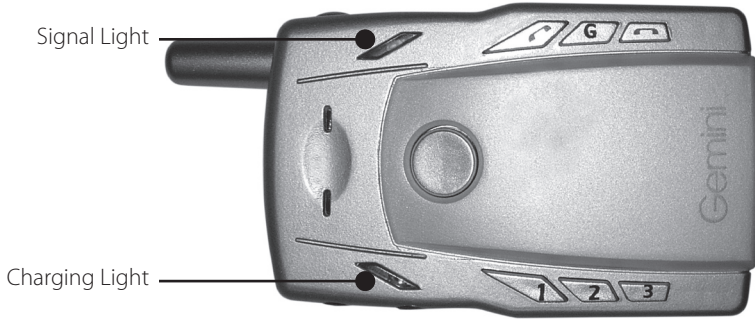
LIGHT	LED COLOR AND ACTION	DESCRIPTION
Signal Light	Blue Light stays on for approximately 2 minutes	Unit is looking for a GPS signal
	Blue Light blinks for approximately 2 minutes	Unit has received a valid GPS signal
	Green light blinks 4 times	Unit has received a valid GSM (cellular) signal.
	Blue and Green Lights blink alternately	Normal stand-by mode, ready for use.
	Red Lights stay on	Battery is low
	Off	Unit is communicating or completing a command or action
Charging Light	Orange light stays on	Indicates the unit is charging while in the Off position. Note: If device is left on while charging, the orange light will remain on even if the unit is fully charged. For quicker charging, turn unit Off while charging.
	Off	Charger is not plugged in or if charger is plugged in and in the Off position, the unit is fully charged.

Note	• **Green Light refers to GSM (cellular) signal Blue Light refers to GPS signal**

Buttons: Signal Light & Sounds

Volume/Test Button

Charging Light

Signal Light

SOS Button

Answer Button (green)

Speed Dial 1

Geofence Button

Speed Dial 2

Hang-up Button (red)
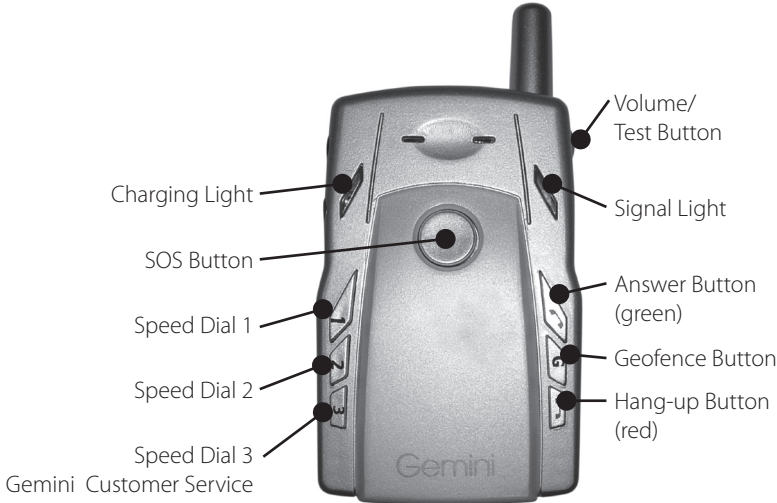
Speed Dial 3
Gemini Customer Service

Note	• Geofence and SOS Buttons MUST be held for at least 4 seconds, other buttons press for 2 seconds.

BUTTON	LIGHT	SOUND
Answer Button	Green light with 1 blink	1 beep
Geofence Button—press and hold for at least 4 seconds	Green light with 1 blink	1 beep (activating)
	Green light with 1 blink	2 beeps (deactivating)
Hang-up Button	Green light with 1 blink	1 beep
Speed Dial 1	Green light with 1 blink	1 beep
Speed Dial 2	Green light with 1 blink	1 beep
Speed Dial 3 **Gemini Customer Service**	Green light with 1 blink	1 beep
Volume	No light on signal	1 beep
Test	Green light stays on for 3 seconds if cell phone signal is OK (no green lights if no cell phone signal) Blue light stays on for 4 seconds if GPS signal is OK (If no GPS signal, then signal light blinks blue for 20 seconds)	2 beeps
SOS Button—press and hold for at least 4 seconds	Green light stays on until SMS sending is completed or SOS status is over	No Sound

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Battery Tips

Battery life depends on the network, signal strength, temperature, features, and accessories in use. For maximum performance, please note the following guidelines:

- New batteries or batteries stored for a long time may take more time to charge
- When charging and storing your battery, keep it near room temperature
- Never expose batteries to temperature below –10°C (14°F) or above 45°C (113°F).
- It is normal for batteries to gradually require longer charging times. If you notice a significant change in your battery life, it is probably time to purchase a new battery.

Warning	Dispose of properly and according to any applicable state or local laws. Never dispose of batteries in a fire because they may explode.

Getting Started

Charging the Battery

1. Insert the Home Charger plug into "Charger Jack" on your Gemini unit (See "Description of Unit" on page 3 for location of jack).

2. Plug the other end of the home charger into an electrical outlet.

3. Signal Light is orange while charging.

Turn the Gemini On and Off

1. Locate the On/Off switch on the Gemini unit.

2. Push the On/Off switch to the "On" position.

Adjusting Volume

1. Press "Volume/Test Button" to adjust sound level while using the unit during a phone call. (Volume adjustment sequence: Medium > High> Low)

Answering a Call

1. Press the "Answer" Button for 2 seconds. There will be one beep and signal light will blink green once.

Ending a Call

1. Press the "Hang-up" Button for 2 seconds. There will be one beep and signal light will blink green once.

Speed Dial Buttons

The Speed Dial Buttons Have Three Functions:

1. The person carrying the unit may place a voice call to the numbers assigned to the speed dial buttons. (See Example 1: Placing a Voice Call, page 9).

2. Mobile numbers assigned to these buttons are able to request location information from the unit. The Gemini recognizes these numbers and automatically hangs up after one ring. The location of the Gemini will then be sent to the phone that requested the location. You can also see the location by logging into your account at www.geminitracking.com and using the "Last Track" function. (See Example 2: How to Request a Position, page 10).

Note	• The numbers programmed in the Speed Dial Buttons are unable to place a voice call to the unit.

3. The mobile phone numbers programmed as speed dials will receive a message when the SOS Button is pressed, indicating that the SOS Button was pressed along with the location of the unit.

Example 1: Placing a Voice Call

By simply pressing the appropriate Speed Dial Button, the person carrying the unit may place a voice call only to the numbers assigned to these Speed Dial Buttons.

Dad's Cell
###-###-####

Mom's Cell
###-###-####

Gemini Customer Service

In the example above, the unit is able to place a voice call to Mom's Cell, Dad's Cell, or Gemini Customer Service.

Example 2: How to Request a Position

Using the Internet

Please visit www.geminitracking.com and log into your account. Once logged in, click on "Locate Unit", select the unit you would like to request a position for and then click "Get Location".

Using a Telephone

Only numbers stored in the Speed Dial Buttons may request a position.

Mom's Cell requests a position of the Gemini by calling the unit.

Mom's Cell
calls the unit

The Gemini
recognizes Mom's
Cell as a speed
dial number and a
message is sent to
Mom's Cell with
the location of
the unit.

*For example:
Main Street,
Boston, MA*

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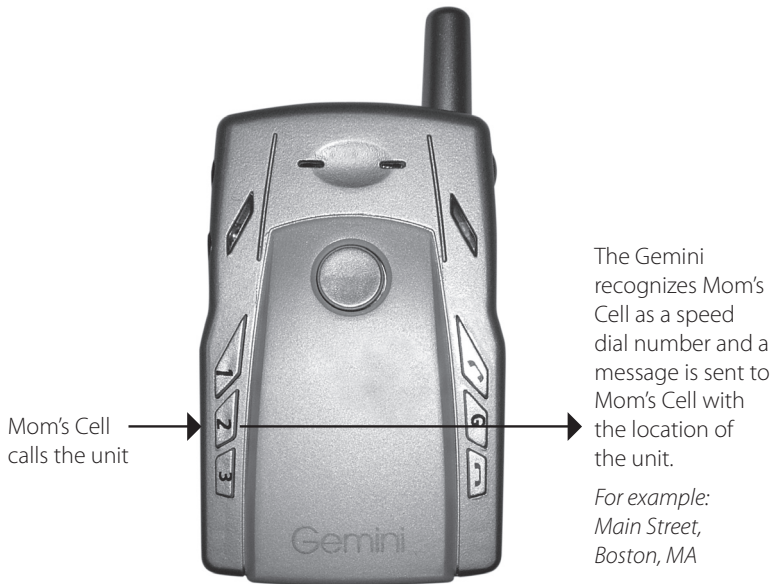
SOS Button

The SOS Button should ONLY be used for an emergency. By pressing and holding down the SOS Button for 4 seconds, a message is sent including the location to the contact you chose to be notified.

Dad's Cell
receives SOS

Mom's Cell
receives SOS

In the example above, pressing the SOS Button will send a message to Mom's Cell and Dad's Cell with a message that indicates an SOS alert with the location of the unit.

Note	• SOS Button MUST be held for at least 4 seconds.

Geofence (Safety Zone) Button

Internet Setup

For more information and to program the Geofence (also called Safety Zone), please visit <u>www.geminitracking.com</u>.

Once you are logged into your account on the Internet, click on "Set Boundaries" and follow the instructions. If the unit goes outside of this highlighted area a text message is sent to the speed dial numbers that you set to be alerted.

Activating/Deactivating Your Geofence from the Gemini unit

The carrier of the Gemini can Activate/Deactivate the Geofence doing the following:

- To activate press and hold down on the "G" Button for 4 seconds (unit will beep once)
- To deactivate press and hold down on the "G" Button for 4 seconds (unit will beep twice)

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Receiving/Testing Signals

Receiving GPS & GSM (cellular) Signals

Every time you turn your unit on, it immediately starts searching for a GPS signal, then a GSM (cellular) signal. The following light sequence indicates which signals have been received:

1. Signal light stays solid blue for approximately 2 minutes while searching for a GPS signal.

2. Signal light blinks blue to indicate a valid GPS signal has been received.

3. Signal light blinks green 4 times to indicate a valid GSM (cellular) signal.

4. Signal light blinks blue/green alternately to indicate normal standby mode, ready to use.

Testing GPS & GSM (cellular) Signals

1. To test for GPS and/or GSM (cellular) signals while in normal standby mode, press the "Test" Button. The unit tests first for a GSM (cellular) signal then a GPS signal. Sequence of lights is as follows:

   Green light stays on for 4 seconds if GSM (cellular) signal is OK (no green light if no GSM signal).

   Blue light stays on for 4 seconds if GPS signal is OK (if no GPS signal. then signal light blinks blue for 20 seconds).

Note	• The functions are limited to areas where GPS/cellular service are available.

Quick Reference Guide

FUNCTIONS	OPERATIONS
Sending an SOS	Press and hold the SOS Button for a minimum of 4 seconds. The Signal light will be green while the unit reports the emergency to the control panel and to the speed dial numbers that you set.
Location Request— from a phone	Mobile phone numbers that have been preset and stored in Speed Dial Buttons 1 and 2 can call and request location information from the unit. The Gemini recognizes these numbers and automatically hangs up after one ring. The location of the Gemini will then be sent to the phone that requested the location.
Activating Geofence	Press "G" Button for 4 seconds, the unit will beep once and report to the control center and automatically activate the Geofence function. You can also set and define Geofence boundaries by logging on to your account at www.geminitracking.com.
Deactivating Geofence	Press "G" Button for 4 seconds, the unit beeps twice and deactivates the Geofence. You can also deactivate the Geofence by logging on to your account at www.geminitracking.com.
Answering Call	Any phone can be used to call the unit, and the unit will notify the user with music ring. To answer the call, simply press the "Answer" Button.
Ending Call	User can end the call by pressing the "Hang-up" Button.
Calling out	Users can call any preset number (1, 2, 3) by simply pressing the appropriate Speed Dial Button.
Volume Control	Press "Volume/Test" Button to adjust sound level during a phone call. (Volume adjustment sequence: Medium → High → Low)
GSM/GPS Test	Press "Volume/Test" Button to test for GSM (cellular) and GPS reception while in normal standby mode. Green light stays on for 4 seconds if GSM (cellular) signal is OK (no green light if no GSM signal) Blue light stays on for 4 seconds if GPS signal is OK (if no GPS signal. then signal light blinks blue for 20 seconds).
Hands-free	Earphone is included for user to answer the phone hands-free.
Worldwide monitoring and tracking	With the European GSM communication module, to use worldwide without distance restrictions
Low battery	Signal light is red and says on. A message is sent to the control panel that the unit needs to be charged.
Charging	Signal light is orange and stays on when the unit is charging while in the "Off" position, and goes out if the unit is fully charged.
Car/Home charger	Using DC 12V charger (for car) and AC 110V–240V charger (for home) to charge the unit.

Specifications

ITEM	SPECIFICATION
Dimension	L:73mm W:45mm H:20mm
Weight	170 g ± 5 g
Frequencies	900/1800/1900MHz 850/1800/1900MHz
Storage temperature	Between –10°C and + 55°C
Battery capacity	850 mA
Power consumption	Standby mode: <45mA, GSM Operating: < 250mA

Helpful Hints

- For faster charging, turn your unit Off while charging or remove the battery and charge it directly using your desktop charger. (Note: Unit will not operate while in Off position or with the battery removed.)

- Signal light will always be red when the unit is in the On position while charging, even when the battery is fully charged.

- Signal light sequence when unit is turned On:

  - Signal light stays solid blue for approximately 2 minutes while searching for a GPS signal

  - Signal light blinks blue to indicate a valid GPS signal has been received

  - Signal light blinks green 4 times to indicate a valid GSM (cellular) signal

  - Signal light blinks blue/green alternately to indicate normal standby mode, ready to use

- Unit is always searching for GPS signal, even in normal standby mode.

- To test for GPS and/or GSM (cellular) signals while in normal standby mode, press the "Test" Button.

  - Blue light stays on for 4 seconds if GPS signal is OK (If no GPS signal, then signal light blinks blue for 20 seconds).

  - Green light stays on for 3 seconds if GSM (cellular) signal is OK (No green light if no GSM signal).

- Geofence and SOS Buttons must be held for at least 4 seconds, other buttons press for 2 seconds.

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Troubleshooting

Problem	Solutions
Buttons not working	Make sure battery is properly inserted. Make sure the unit is charged.
Unable to find GPS signal	Make sure unit is in an unobstructed area. For best results turn unit Off, go outside, and turn unit On.
Unable to find GSM signal	Make sure cellular service is available where you are located.
Speed Dial 1 & 2 not working (Speed Dial 3 is reserved for Gemini Customer Service)	Make sure you have properly set and stored valid and working phone numbers. Login to your Gemini account online at www.geminitracking.com to confirm.
SOS Button not working	Make sure unit is charged. Make sure contacts have been set to receive alert. Login to your online account to confirm.
Incoming calls hard to hear	Press "Volume/Test" Button to adjust sound level during the phone call. (Volume adjustment sequence: Medium → High → Low)

For any issues not listed here, please login to your account at www.geminitracking.com and refer to the online Help.

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Limited Warranty

Gemini warrants to the original purchaser only that the Product will be free from defects in material and workmanship for a period of one (1) year from the date of original purchase. Gemini's warranty shall not apply to any Product: (i) subjected to accident, misuse, neglect, alteration, acts of God, improper handling, improper transport, improper storage, improper use or application, or unauthorized repair; (ii) with cosmetic problems or defects that result from normal wear and tear under ordinary use, and do not affect the performance or use of the Product; (iii) subjected to contact with liquid, water, rain, extreme humidity, etc; (iv) subject to defects or damage that results from the use of non-Gemini branded or certified products, accessories or other peripheral equipment; or (v) subject to damage resulting from testing, adjustments, installation, maintenance, alteration or modification in any way by someone other than Gemini or its authorized service centers. The warranty scope is limited to the Product; accessories are considered consumable material and are beyond the scope of this warranty. Gemini's warranty applies only to a Product that is manufactured by or for Gemini and identified by the Gemini trademark, trade name or product identification logo affixed to the Product. If the Product develops a covered defect within the one-year period, Gemini will, at its option, either repair or replace the Product without charge to you, provided that the Product is returned during the warranty period. If the Product is returned during the limited warranty period, but the problem with the Product is not covered under the terms and conditions of this limited warranty, you will be notified and given an estimate of the charges you must pay to have the Product repaired, with all shipping charges billed to you. If the estimate is refused, the Product will be returned via UPS ground and you will be assessed a $10 fee for shipping. If the Product is returned after the expiration of the limited warranty period, Gemini's normal service policies shall apply and you will be responsible for all shipping charges. THE FOREGOING ARE YOUR EXCLUSIVE WARRANTIES RELATING TO THE PRODUCT AND GEMINI HEREBY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Because it is impossible for Gemini to know the purposes for which you acquired this Product or the uses to which you will put this Product, you assume full responsibility for the selection of the Product for its use. While every reasonable effort has been made to insure that you will receive a Product that you can use, Gemini does not warrant that the functions of the Product will meet your requirements or that the operation of the Product will be uninterrupted or error-free. The Gemini service works using cellular or other wireless phone networks as well as the Global Positioning System ("GPS") satellite network. These services are provided by third party providers, therefore, Gemini cannot make warranties, express or implied, regarding the accuracy or quality of the service(s). THE SERVICES ARE NOT AVAILABLE EVERYWHERE, PARTICULARLY IN REMOTE AREAS, OR AT ALL TIMES AND MAY BE AFFECTED ADVERSELY BY CONDITIONS BEYOND OUR CONTROL.

This warranty lasts one (1) year from the date of original purchase. To obtain warranty service or technical support, please contact Gemini's Customer Support Center. You will receive instructions on how to return the Product for repair or replacement. You will bear the cost of shipping the unit to Gemini for warranty repairs and for shipping

the unit back to you upon completion of repairs. We may use functionally equivalent reconditioned/refurbished/pre-owned or new products or parts. To take advantage of this Limited Warranty you will be required to either 1) return the below warranty registration card within 30 days of purchase or 2) supply the original packing slip or dated bill of sale (invoice) when you return the product for warranty repairs. If you do not return the registration card within 30 days of purchase or supply the original packing slip or dated bill of sale when you send in your unit for service, Gemini's normal repair service policies shall apply and you will be responsible for all shipping charges.

THESE ARE YOUR SOLE AND EXCLUSIVE REMEDIES FOR ANY AND ALL CLAIMS THAT YOU MAY HAVE ARISING OUT OF OR IN CONNECTION WITH THIS PRODUCT, WHETHER MADE OR SUFFERED BY YOU OR ANOTHER PERSON AND WHETHER BASED IN CONTRACT OR TORT. IN NO EVENT WILL GEMINI BE LIABLE TO YOU OR ANY OTHER PARTY FOR ANY DIRECT, INDIRECT, GENERAL, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR OTHER DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF INFORMATION OR ANY OTHER PECUNIARY LOSS), OR FROM ANY BREACH OF WARRANTY, EVEN IF GEMINI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO CASE SHALL GEMINI'S LIABILITY EXCEED THE AMOUNT YOU PAID FOR THE PRODUCT.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

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