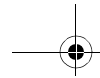


Globalstar™

QUALCOMM Globalstar GSP-1700 Phone User Manual

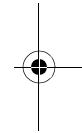
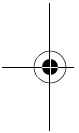
The Globalstar logo consists of a stylized, curved line above the word 'Globalstar' in a bold, sans-serif font.



This guide is based on the production version of the QUALCOMM Globalstar GSP-1700 Phone. Software changes may have occurred after this printing.

QUALCOMM reserves the right to make changes in technical and product specifications without prior notice.

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Document Number 80-C6302-1 Rev B



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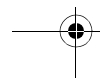
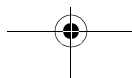
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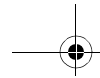
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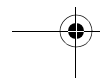
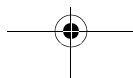
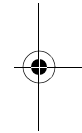
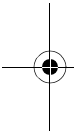
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Cautions and Warnings



Warning

Only use the batteries, antennas, and chargers provided by QUALCOMM. The use of any other type may be dangerous.



Warning

Allow only authorized personnel to service the phone and its accessories. Unauthorized service can invalidate the warranty.



Caution

Any modification to this product is prohibited and will void your warranty. The opening of the unit and use of the components for purposes not otherwise authorized by this document, including any use in airplanes or any other Aviation application, is prohibited and will void your warranty.



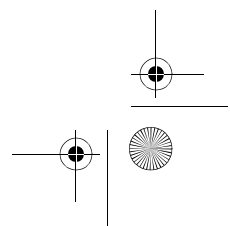
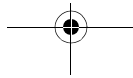
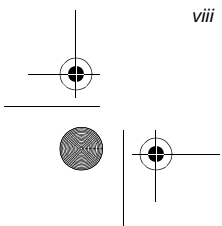
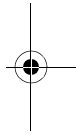
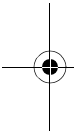
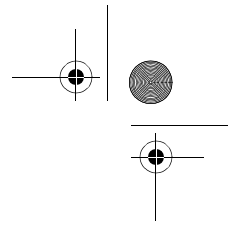
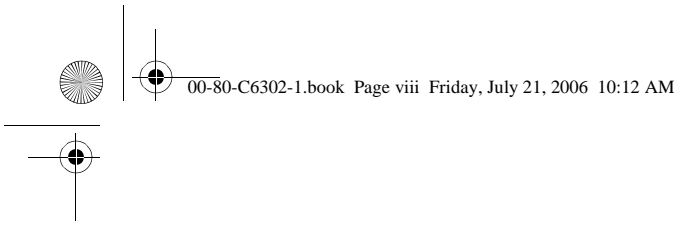
Caution

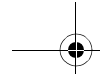
Avoid exposing the phone and accessories to rain or other liquids. If the phone gets wet, turn the power off immediately and remove the battery pack. See Battery Care and Maintenance, page 85, for more information.



Note

When using the QUALCOMM Globalstar Satellite Phone near a television or radio, the phone can cause interference. Regulatory agencies in your area, such as the United States Federal Communications Commission (FCC) or Canadian Industry Canada (IC), can require you to stop using the phone if such interference cannot be eliminated. If you need assistance, contact your service provider.





Getting Started

Congratulations on purchasing your Globalstar GSP-1700 Satellite Phone. Your phone comes with the following:

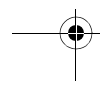
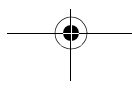
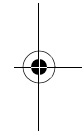
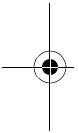
- GSP-1700 Satellite Phone
- Battery
- Charger
- This User Manual
- Quick Reference Card

It is *very* important that you read this section because your Globalstar satellite phone is unique.

This section provides information on the following basic concepts.







- Understanding this guide
- Preparing to make calls
- Making voice calls
- Making data calls
- Receiving calls
- Ending calls
- Displaying your phone number
- Solving problems
- Contacting customer service

For more detailed information on usage, refer to the other sections in this guide. If you need further assistance, see *Solving problems*, page 6.



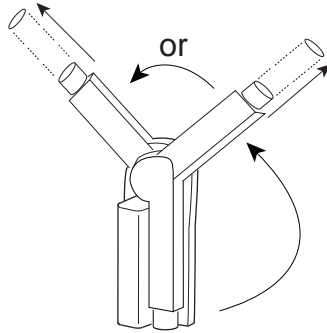
Getting Started**Understanding this guide**

These conventions or representations are used in this guide:

Type of Action	Example	Action
Key Presses	Press  .	Press key briefly.
	Press and hold  .	Press key for more than one second.
Using SMART KEY™ options	Press  menu.	Press the SMART KEY  under the appropriate option on the screen.
Scrolling	Scroll to select “yes” or “no.”	Press either of the volume buttons (on the side of the phone) or the  and  keys.

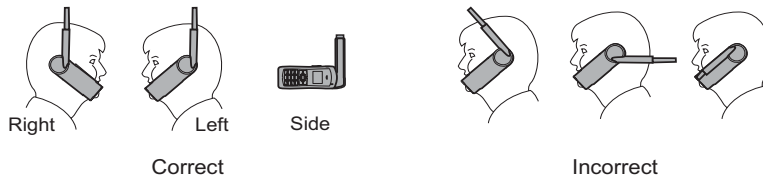
Preparing to make calls

- Charge and properly install the battery. For more information, refer to Battery Care and Maintenance, page 85.
- Rotate and extend the antenna located on the back of the phone (see Phone features and keypad, page 8).

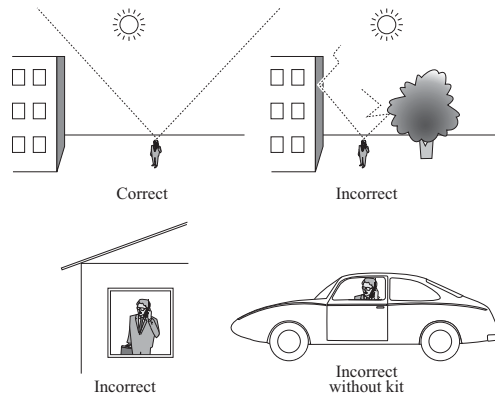


Getting Started

- Move the antenna to its optimal position (pointing straight up to the sky) until it sets into one of three positions. Ensure the antenna is fully extended. You cannot make or receive a call with the antenna stored. The following shows correct and incorrect antenna positions:




- The phone does not operate inside a building, nor does it operate in a vehicle, unless you are using the Globalstar Installation Kit.
- To prevent dropped calls, use the phone outdoors where you can see the whole sky and have direct line of sight access to the satellite. If a call is dropped, a “fade alert” sounds (to verify that this feature is turned on, see Fade, page 71).
- For best performance, move away from tall obstacles such as buildings or trees.




Getting Started

Making voice calls

1. Rotate and extend the antenna (see Preparing to make calls, page 2).
2. Press and hold  to turn your phone on.



Note


The roaming indicator () usually displays immediately if the network roams to find a service provider.

3. Enter the phone number that you want to call (see Entering numbers, page 15). To dial international calls, see International dialing, page 17.



Note

When using the keypad or viewing the screen, keep the antenna pointing up to maintain service.

4. Press .

A message displays if the phone is locked, the phone number is restricted, or there is another problem.

Making Data Calls

If your service provider offers Globalstar packet data service, you can make data calls.

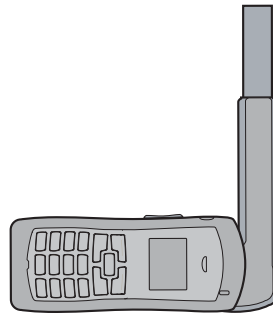
The Globalstar data cable is required to connect your computer (or Windows CE or other handheld organizer) to the phone. Depending on the computer or other device, additional cables or an adapter may be required.

With the Globalstar data cable installed, your computer (or handheld organizer) can be used to send and receive email, use Telnet or FTP, or browse the Internet.



Note

Position the phone on its side for better stability.



Receiving calls


To receive a call

1. Turn the phone on.
2. Rotate and extend the antenna to find service.






Note


The phone will ring with the antenna stowed (see Ring While Stowed, page 75), but cannot be answered until the antenna is extended. To answer calls, the antenna *must* be extended and rotated to vertical, in a location with a view of the whole sky.

3. When you receive a call, the phone rings, the indicator light flashes, and the "Incoming Call" message flashes on the screen until the call is answered.
4. To answer a call, do *one* of the following:
 - Press .



Getting Started

- From standby mode, press any key except . The Any-Key Answer feature must be set to “on” (see Any-Key Answer, page 74).
- 5. If you miss a call, a message is displayed. To display the call history list for details about the missed call, press  **view**.
- 6. Press  **ok** to return to standby mode.

Ending calls

To end calls, press . The total duration of the call is displayed. (For details of all calls, see Viewing call history details, page 35.)

Displaying your phone number

- To display the phone number:
 - Press  **menu**.
 - Press  for My Number. (See My Number, page 84.)



Note

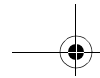
The currently registered phone number briefly displays when the phone is turned on.

Solving problems

If you have problems using your phone, see Troubleshooting, page 101. If the problems are not resolved, contact your service provider.

Contacting customer service

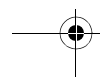
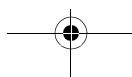
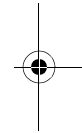
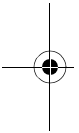
Contact your service provider for customer service.



Phone Basics

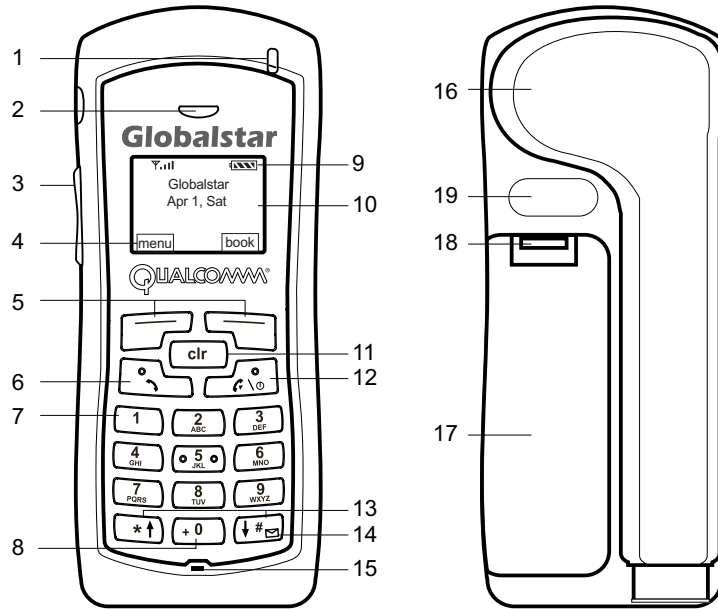
This section provides information on the following functions:

- Phone features and keypad
- Display indicators
- Antenna






Phone Basics

Phone features and keypad



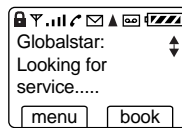
1. Light indicator – Flashes when turning the phone on, when receiving incoming calls, or when receiving text (not available in all markets) or voice mail messages.
2. Earpiece.
3. Volume buttons:
 - Adjust ringer volume when not on a call.
 - Scroll through the menu items if a scroll arrow displays.
 - Scroll through call history and phone book.
 - Move the cursor when editing alphabetic characters or digits.

4. SMART KEY options – Select the SMART KEY option on the screen by pressing the SMART KEY button  below it.
5. SMART KEY buttons: 
6. Send key – Originate or answer a call. Also used for features such as call waiting.
7. Punctuation key – Add punctuation or spaces when entering letters.
8. International dialing or plus (+) key – Make international calls (see International dialing, page 17).
9. Display indicators – Show phone and battery status (see Display indicators, page 10).
10. Screen.
11. Clear key:
 - Delete characters (see Entering numbers, page 15, and Entering letters and other characters, page 23).
 - Return to previous screen.
12. End/Power key – Press to end a call, return to the main menu, or turn the phone on or off.
13. Scroll keys:
 - Scroll through menu items if a scroll arrow displays on the screen.
 - Move cursor.
14. Message key – To access messages, press and hold the  key. (See Messages Menu, page 37.)
15. Microphone.
16. Antenna (see Preparing to make calls, page 2).
17. Battery.
18. Battery release latch.
19. Globalstar Installation Kit connector.








Phone Basics

Display indicators

The indicators on the screen show the status of the phone and the battery charge level at a quick glance.



Symbol	Status
	Indicates signal strength ranging from a strong signal (four lines) to an extremely weak signal (one line).
	Call in progress.
	No service available. If service is unavailable, the phone sounds a beep when you try to make a call.
	Roaming – service is established outside the home area.
	Home – service is established inside the home area.
	Notification of a text message (not available in all markets).
	Notification of a voice mail message.
	Battery charge. Ranges from four vertical bars (full charge), to one bar (minimal charge), to no bars and blinking (no charge).
	Ringer volume indicator.
	Ringer silenced.

	Indicates that encryption is turned on.
	Designates the menu option currently selected.
	Indicates that you can scroll between screens using the volume buttons (located on the side of the phone) or the  and  keys.
	Indicates that either the selected text message is locked or the keypad is locked.
	Indicates that the text message is unlocked.

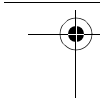
Antenna

Phone performance depends on the strength of the signal it receives. As you fully extend and rotate the antenna, the signal strength indicator shows the strength of the signal received in that particular antenna position. You cannot make a satellite call with the antenna stored. Using the Ring While Stowed feature, your phone will ring to alert you to an incoming call. However, you cannot answer that call until you rotate and extend the antenna.

It is important to use the antenna properly for the best performance. Follow these guidelines for the antenna:

- Never hold the phone by the antenna.
- Do not use the phone if the antenna is damaged, unless the phone is being used with the Globalstar Installation Kit.

For more information on how to use the antennas, see *Preparing to make calls*, page 2.



Phone Basics

