



GLOBALSTAR

G S P
1600

SATELLITE PHONE

TRI-MODE SATELLITE & CELLULAR PHONE

www.qualcomm.com

Globalstar Tri-mode portable phone offers clear digital voice and data communications worldwide by utilizing QUALCOMM's Code Division Multiple Access (CDMA) technology combined with a constellation of 48 Low-Earth Orbit (LEO) satellites. Globalstar Tri-mode portable phone is designed to provide a low cost solution to extend the ability to communicate from outside cellular and land line phones, as well as, in areas where cellular or land line phones are inaccessible due to lack of coverage or incompatible cellular technologies.

Globalstar

QUALCOMM's Globalstar Tri-Mode Portable Phone Provides:

- Satellite Coverage
- Global Roaming
- Compatibility with existing AMPS and CDMA (IS-95) cellular networks
- Superior Digital Voice and Data Quality
- Reliable Service

Globalstar Tri-Mode Phones from QUALCOMM are designed with the flexibility to meet the needs of cellular users who already consume a high volume of airtime, but find themselves in areas where cellular coverage is either unavailable, incompatible or inaccessible. QUALCOMM's Globalstar Tri-Mode Phone is designed to compliment existing fixed and cellular telephone networks by switching from terrestrial cellular telephony to satellite telephony as required. Interoperability between the Globalstar communications system and cellular Service Providers is assured, and the subscriber maintains a convenient single point of billing. These features provide the Globalstar user the highest level of service and convenience, which increases subscriber's satisfaction and loyalty to the cellular Service Provider.

- Short Message Service (SMS)
- Display position location information
- Programmable Service Provider display message
- Caller ID
- Voice Mail Services (VMS)

The QUALCOMM Globalstar phones communicate with the satellite constellation using CDMA technology, which has been recognized for superior voice quality, reliability and security. Using LEO satellites enables the Globalstar System to maintain lower power consumption and propagation delay, resulting in a smaller sized handset with excellent voice quality, comparable, and in some cases, superior to today's digital cellular networks.

Accessories:

- Data Cable
- North American and European Wall Charger
- Hands-Free Car Kit
- Cigarette Lighter Adapter/Charger
- Protective Leather Case
- High Capacity Polymer Lithium Ion Battery Pack
- Universal Travel Charger

Accessories

Data Cable



Cigarette Lighter Adapter/Charger



Universal Travel Charger



Protective Leather Case



North American Wall Charger



European Wall Charger



High Capacity Polymer Lithium Ion Battery Pack



Hands-Free Car Kit



A Wide Range Of Globalstar Services Include:

- Voice
- Data**
- Paging

Technical Specifications	
Phone (temperature range)	Operational -20 to +55 °C, Non-Operational -30 to +60 °C
RF Power Output	400 mW maximum (+26 dBm)
Vocoder	QUALCOMM 8k variable rate vocoder for Globalstar mode 13k variable rate vocoder for CDMA mode
Frequency Range	Globalstar Reverse Link: 1610.73 to 1625.49 MHz Globalstar Forward Link: 2484.39 to 2499.15 MHz Cellular Reverse Link: 824.01 to 848.97 MHz Cellular Forward Link: 869.01 to 893.97 MHz
Technology	QUALCOMM Digital CDMA AMPS 800 MHz (Advanced Mobile Phone System)
Talk Time/ Standby Time	Globalstar mode 3.5 hours talk time, 9 hours standby CDMA mode 4.5 hours talk time, 72 hours standby AMPS mode 2.5 hours talk time, 14 hours standby
Volume	400 cc
Weight	370 grams
Dimensions	177mm H x 57mm W x 48mm D

*All measurements for height and volume assume the Globalstar antenna is stowed.

**Service provider activation required.



GSP-1600



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