

THE QUALCOMM GLOBALSTAR PHONE



Globalstar

The Qualcomm Globalstar Tri-Mode Phone is the premier phone for the 21st Century. Both the hand-held & vehicle-mounted phones access three phone systems: analog cellular, digital (CDMA) cellular, and Globalstar (CDMA) networks.

SERVICES AVAILABLE

- Voice service
- Short message service (SMS)
- Voice mail service

HAND-HELD PHONE FEATURES

- Weight: 370 grams
- Dimensions (w/satellite antenna stowed) - 117mm x 57mm x 48mm
- Automatic mode select-programs the phone to solely operate on one network, i.e. choose satellite-only where you know you have spotty cellular coverage and want to avoid dropped calls.
- Four-line, 48-character display shows battery level, voice mail status, short messages received, and satellite signal quality
- Accessories include: Cigarette Lighter Adapter/Charger, Universal Travel Charger, and Leather Cases

VEHICLE-MOUNTED TERMINALS / VEHICLE KIT

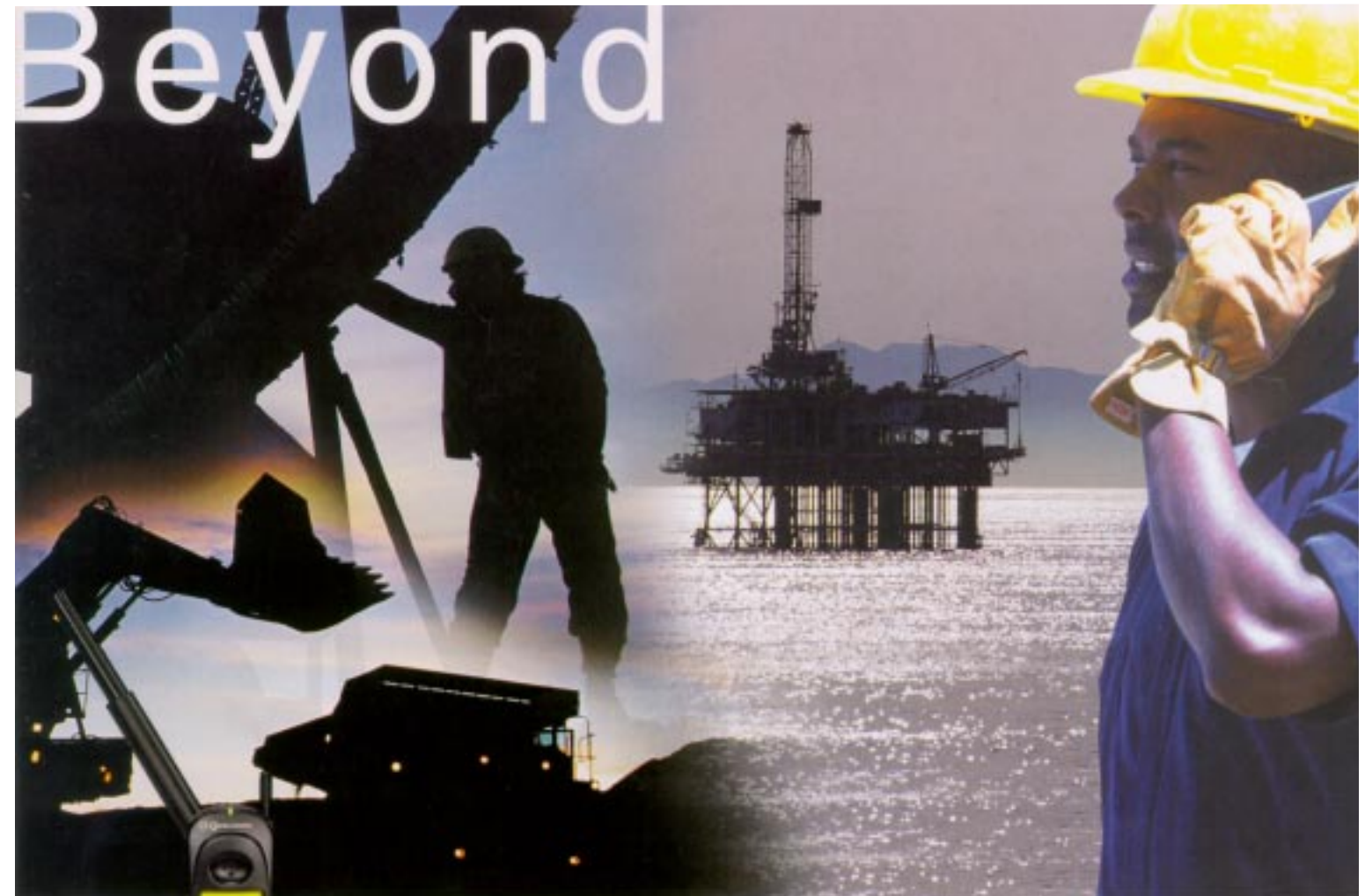
- Cradle provides hands-free operation inside the vehicle
- Rooftop-mounted antenna provides clear view of sky
- Similar features and services as tri-mode phone

TALK TIMES

- | | |
|--------------------------------|-----------------------------------|
| • Globalstar (CDMA) mode | 3.5 hr. talk time, 9 hr. standby |
| • Digital (CDMA) cellular mode | 4.5 hr. talk time, 72 hr. standby |
| • AMPS analog cellular mode | 2.5 hr. talk time, 14 hr. standby |

FUTURE SERVICES

- Data transmission (up to 9.6 kbps throughput) expected second half of 2000
- Fax service- expected at end of 2000
- E-mail access capability- expected in 2000



Cellular



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Globalstar Phone

The Globalstar phone uses digital CDMA technology to provide the highest voice quality. So, whether you use the CDMA cellular or Globalstar service, you will enjoy the same call clarity. CDMA also encodes calls for greater privacy and allows for longer talk times.



Globalstar Car Kit

The Globalstar vehicle-mounted phone allows you to make calls while in your vehicle. The "handsfree" kit has a cradle to hold the handset so you can travel safely and make calls at the same time. A rooftop antenna keeps the satellites in direct sight for Globalstar satellite calls.



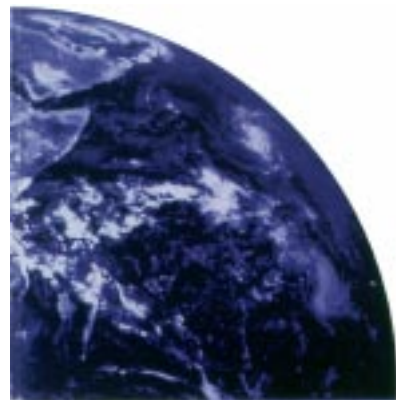
The Dependable Way to Communicate

Only Globalstar gives you access to at least 2 and up to 4 satellites at the same time to make or receive calls. The multiple satellites combine their signals to ensure maximum service quality. As satellites constantly move in and out of view, they seamlessly pick up and transfer calls in progress, reducing the possibility of dropped or blocked calls.



The Cell Towers in the Sky

Globalstar uses a 48-satellite constellation that takes advantage of proven satellite technology. The satellites simply receive call signals and relay them back to Globalstar gateways. There is no voice delay when using Globalstar service due to the satellites' low-earth orbit.



The Difference Between a Cellular Call and a Globalstar Satellite Call

Globalstar satellite service is specifically designed for use in locations where there is no other type of phone service. For example, inside a building in an urban city, you use standard cellular phone service. When at work or play in a remote area, you utilize the Globalstar satellite service.

To make or receive calls on the Globalstar system, you must be outside in an unobstructed area with clear visibility to the sky. This position provides the necessary line-of-sight to the satellites so you can make and receive Globalstar calls.