

Advanced Communications

A satellite telephone, satellite phone, or satphone is a type of mobile phone that connects to orbiting satellites instead of terrestrial cell sites. They provide similar functionality to terrestrial mobile telephones; voice, short messaging service and low-bandwidth internet access are supported through most systems.

Depending on the architecture of a particular system, coverage may include the entire Earth or only specific regions.

Mobile satellite service (MSS), also known as global mobile personal communications by satellite (GMPCS), is a powerful communications transmission service that uses satellites. Utilizing portable terminals, MSS includes land mobile, maritime mobile and aeronautical mobile satellite services. It also provides a variety of voice, data, fax and messaging services anywhere on the globe.

Smart is the only company in the Philippines offering mobile satellite services through Smart Link, a service that allows subscribers to make calls anywhere in its coverage area, whether on land or at sea. Smart Link is the communication of choice of Filipino seafarers, who use the service even while onboard vessels, and for those who travel or live in remote areas of the Philippines.

The ACeS system is comprised of a geosynchronous satellite, a Satellite Control Facility, a network Control Center, gateways that interconnect with terrestrial telecommunications network worldwide and the end-user terminal. The ACeS system is owned by ACeS International Ltd., a consortium that includes Philippine Long Distance Telephone Company through its wholly-owned subsidiary ACeS Philippines Cellular Satellite Corporation (APCSC), Pasifik Satelit Nusantara of Indonesia (PSN), Jasmine International of Thailand, and Lockheed Martin of the USA.

Globalstar is the affordable choice when it comes to mobile satellite phones and fixed-site voice and data communications equipment, with some of the lowest hardware prices in the industry, and a range of monthly and pre-paid plans. Whether its voice calling, or basic data for email or other applications, Globalstar gives you reliable satellite connectivity from remote regions of the globe at affordable prices. With Globalstar you get:

The lowest cost equipment and service plans in the industry

Ruggedly-built, compact satellite phones and fixed-site equipment

Quality voice calling and data connectivity in most regions of the globe (see coverage maps)

Data speeds up to 9.6 kbps (faster than comparable Iridium handheld devices)

A range of flexible service plans to help you save money



NEXEDGE® digital mobile radio, the NX-720HG/820HG. This fine radio provides conventional and trunking operation, and provides 6.25 kHz digital narrowband operation. NEXEDGE® was designed to provide advanced communication solutions that meet the needs of private enterprise and public sectors today and in the future. NEXEDGE® includes features such as FM Analog @ 25 and 12.5 kHz channels, NXDN® digital @ 12.5 and 6.25 kHz channels, compliance with current frequency assignments, and NEXEDGE® will easily convert to very narrow bandwidths in the future.

- 136-174 MHz, 30 & 50W
- 450-520, 400-470 MHz, 30 & 45W
- 260 CH-GID /128 Zones
- 10-Character Alphanumeric LCD
- Dash & Remote Mount
- NXDN® Digital Air Interference
- 6.25 & 12.5 kHz Channels
- Over-the Air Alias
- Over-the Air Programming
- Paging Call / Emergency Call
- All Group Call
- Status Messaging
- Remote Stun/Kill & Check
- FleetSync® II, MDC-1200
- Short & Long Data Messages
- GPS Location with Voice
- NXDN® Scrambler Included



Kenwood's newest NEXEDGE® model, the NX-420, is a high performance 800 MHz 3 Watt portable in an ultra-compact, rugged MILSTD 810 & IP54/55 platform. The NX-420 has exceptional yet practical user interface with four PF (programmable) control keys, an ergonomic 12-button keypad and a bright, widely viewable 8-character alphanumeric LCD.

FEATURES

- 806-870 MHz, 3W
- 260 CH-GID / 128 Zones
- 14-Character Alphanumeric LCD
- NXDN® Air Interface
- 6.25 & 12.5 kHz Channels
- Over-the Air Alias
- Over-the Air Programming
- Paging Call / Emergency Call
- All Group Call
- Status Messaging
- Remote Stun/Kill & Check
- FleetSync® II, MDC-1200
- Short & Long Data Messages
- GPS Location with Voice
- NXDN® Scrambler Included



TKB-6900 Series Low Band Base Stations are built around the TK-690 high performance 110W radio. The TK-690 transceiver is mounted in a 2 RU enclosure which includes forced air cooling and option bays for two peripheral circuit boards. The basic configuration includes a 2 channel tone termination panel (2 or 4 wire audio). Equipment may be mounted in a cabinet enclosure or open rack, and may be used either by itself (50W continuous duty or 110W at 20% duty cycle) or as a driver for an external continuous duty RF amplifier (100W or 300W).



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Government agency
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Local Government
Mayor
Barangay officials