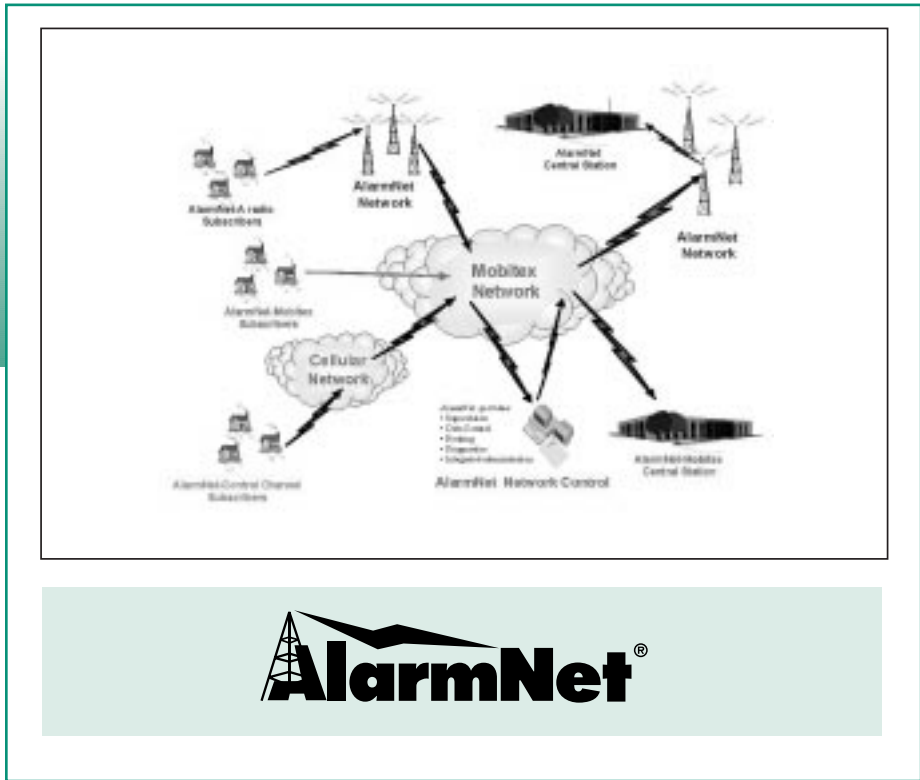




Long Range Radio



AlarmNet is the security industry's only nationwide communications service provider delivering a wide range of products and services for supervised alarm signal transport applications. Since 1986 the company has continually demonstrated its commitment to delivering new products while providing customers access to all past, current and future communication technologies through a single service connection.

FUNCTIONAL DESCRIPTION

AlarmNet is a service which enables security dealers to connect radio transmitters to security systems and to transmit alarms and supervisory signals by radio to monitoring stations virtually any place in the nation. This service, which is used in parallel with wireline telephone service, assures that emergency information is transmitted to the monitoring station when telephone service is interrupted. The service is listed by the Underwriters Laboratories (UL), Factory Mutual (FM), California Fire Marshall (CFM) and the NYC Board (MEA).

AlarmNet-A, Classic AlarmNet operates networks in 22 major metropolitan areas. Each functions independently and is supported from AlarmNet headquarters on Long Island, New York. A network is comprised of five to 30 base stations, depending on the size and topography of the coverage area. It operates on exclusive licensed frequencies in the 900 MHz band. The network is designed with overlapping coverage so that typically subscriber radios are in communication with two or more. If a subscriber loses communication with the network, the monitoring station is notified.

The supervision windows range from six minutes to 48 hours, depending on the service selected. One-way radios (7720, 7720ULF and 7820) check in at regular intervals, two-way radios (7920SE) are polled by the network.

Radios are hardwired to control panel zone outputs. When a zone alarm is initiated, the radio transmits the reported condition into the network. Reliability is assured by repeating the transmission 60 times. The network determines the ID of the radio and the central station to which it belongs. The network relays the alarm to the base station responsible for the central station, which then transmits it to the central station. The entire process is fully automated and typically takes a few seconds. The message is received on the central station receiver and is delivered to the operator for appropriate action. The networks are monitored around the clock and the base station availability exceeds 99.5%.

ALARMNET-M EXPANDS COVERAGE

AlarmNet coverage has been supplemented by integrating it with networks operated by Bell South) to provide expanded coverage. This service is designated AlarmNet-M. It is a packet-switched network with over 900 base stations and growing. All facilities and communication links are remotely monitored around the clock. The networks are based upon a hierarchical architecture comprised of intelligent base stations and switches. This distributed intelligence enables networks to route messages through the shortest path to serve millions of subscribers.

The model 7830R transceiver that is interfaced to the control panel generates alarms which are delivered to the AlarmNet - Network Control Center on Long Island, where their central station destination is determined and they are delivered. The end to end communication is accomplished in a few seconds.

ALARMNET-C CONTROL CHANNEL CELLULAR

In 1998, the most exciting product ever to reach the security industry will be unveiled. ADEMCO will launch a new Cellular Transport Network...a new technology for a new millennium. Its coverage is virtually limitless. The strength of its core capabilities is boundless.

This new technology is ready to transform the security industry...and, as in the past, ADEMCO will be leading the way. With AlarmNet, as always, you can pick the technology that works best for you.

DETERMINING WHICH ALARMNET TECHNOLOGY TO USE

To determine the type of coverage available in your area, contact AlarmNet @ 1-800-222-6525 to obtain a zipcode list and coverage map or visit our home page: www.ademco.com/alarmnet/_private/default.htm. Select the "Coverage" button. You can search by zipcode or State. Once you know which technology is available in your area, you can order the appropriate radio through your local distributor. Refer to the following product pages to see which part number to order.

Once the central station makes a connection to AlarmNet, they are able to monitor radios from any system - Alarmnet-A, Classic Alarmnet, AlarmNet-M, Mobitex technology and AlarmNet-C, control channel cellular technology.

AlarmNet Services		
A	◆ AlarmNet - A	Original AlarmNet
M	◆ AlarmNet - M	Mobitex System
C	◆ AlarmNet - C	Control Channel Cellular

Ask your provider for the AlarmNet technology used in your area.



**7835KT CONTROL
CHANNEL CELLULAR
TRANSMITTER**

Wireless, seamless, limitless connectivity through cellular control channel network. Dealers can connect the 7835C to almost any security system to transmit alarms and supervisory signals to the central station in the event the telephone service is interrupted.

- Subscriber transmitter for use in AlarmNet-C service area
- Nationwide cellular system coverage
- Interfaces with virtually any alarm control to the AlarmNet radio network for alarm signal transmission
- Fully supervised by AlarmNet
- Six zones standard
- Programmable with 7720P or 7715DF
- Supports ECP protocol with contact ID reporting over radio

**See AlarmNet Services Chart on page 76*



7820-XXKT Mass Market **

The 7820 long range radio transmitter makes long range radio affordable in any alarm installation.

- Subscriber transmitter for use in AlarmNet-A
- Four zones of information
- Provides telephone line back-up at an affordable price
- Integral control panel interface
- Built-in power supply, powered from alarm panel or 12VDC power source
- UL Listed Class A Burglary
- Supports ECP protocol with contact ID reporting over radio

**See AlarmNet Services Chart on page 76*

***Shown with optional 7825DP-DiPole Antenna*

HOW TO ORDER:

-Antennas

- 7625-3dB - 3dB omni-directional
- 7825DP - Di-Pole
- 7825 - Outdoor
- 7674-6dB directional
- 7674-13 13dB directional

-Extension Cables

- 7625-5 - 5'
- 7625-12 - 12'
- 7625-25HC - 25'
- 7625-50HC - 50'

-Cable Connectors & Brackets

- 7670F - Antenna bracket
- 7720-ANT - Connector
- 7820-ANT - Connector

Contact your local distributor for channel used in your area.



7720PLUS-XXKT
INTEGRATED SUBSCRIBER RADIO



The 7720 Plus AlarmNet Subscriber Radio is a state of the art FCC approved FM transmitter which is virtually self-installing.

- Subscriber transmitter for AlarmNet-A service area
- UL Grade A Listed with digital dialer
- Fully compatible with existing installations, including all ADEMCO panels
- Fully integrated transmitter, interface, antenna, power supply, and back-up battery in one small unit
- Supports ADEMCO ECP protocol with “Contact ID” reporting over radio or discrete four zone contact closures
- Powered from the alarm control panel
- Low cost vertical mount antenna option available
- No relay module required to trigger separate fire and burglary zones from bell output - now done through programming “pulse”

**See AlarmNet Services Chart on page 76*

HOW TO ORDER:

-Antennas

- 7625-3dB - 3dB omni-directional
- 7825DP - Di-Pole
- 7825 - Outdoor
- 7674-6dB directional
- 7674-13 13dB directional

-Extension Cables

- 7625-5 - 5'
- 7625-12 - 12'
- 7625-25HC - 25'
- 7625-50HC - 50'

-Cable Connectors & Brackets

- 7670F - Antenna bracket
- 7720-ANT - Connector
- 7820-ANT - Connector

Contact your local distributor for channel used in your area.



7830RKT TRANSCEIVER

The 7830RKT Transceiver provides alarm signal transmission for use in locations outside AlarmNet-A service area.

HOW TO ORDER:

-Antennas

- 7625-3dB - 3dB omni-directional
- 7825DP - Di-Pole
- 7825 - Outdoor
- 7674-6dB directional
- 7674-13 13dB directional

-Extension Cables

- 7625-5 - 5'
- 7625-12 - 12'
- 7625-25HC - 25'
- 7625-50HC - 50'

-Cable Connectors & Brackets

- 7670F - Antenna bracket
- 7720-ANT - Connector
- 7820-ANT - Connector

Contact your local distributor for channel used in your area.

- Subscriber transceiver for use in AlarmNet-M
- Looks, feels and programs like 7720/7820
- Four zones standard
- Interfaces with any alarm control
- Fully supervised
- UL Grade A, UL Grade AA
- Optional battery back-up
- Automatic antenna and tamper protection

**See AlarmNet Services Chart on page 76*



**7720ULF-XXKT
FIRE CONTROL/COMMUNICATOR**

The AlarmNet 7720ULF is a self-contained fire control and long-range radio transmitter that is UL Listed for property protection and life safety. It is designed to provide compliance with fire code at a cost less than a system that communicates by two separate telephone lines.

HOW TO ORDER:

- Antennas
 - 7625-3dB - 3dB omni-directional
 - 7825 - outdoor
 - 7674-6dB directional
 - 7674-13 13dB directional
- Extension Cables
 - 7625-5 - 5'
 - 7625-12 - 12'
 - 7625-25HC - 25'
 - 7625-50HC - 50'
- Antenna Brackets
 - 7670F

Contact your local distributor for channel used in your area.

- Subscriber radio for use in AlarmNet-A
- Built-in Long Range Radio and fire control in one simple box
- UL Listed for property protection and life safety
- Six style B (Class B) and two style D (Class A) supervised zones
- Zones can also be used for water-flow switches, supervisory switches and smoke detectors
- Style Y (Class B) indicating output circuit provides maximum of 500 mA at 12VDC for notification appliances
- All zones can be used with voltage triggers or dry contact inputs
- 18V AC-to-DC power supply provides 24-hour backup and minimum five minute bell when battery is added

*See AlarmNet Services Chart on page 76



MEA



**7920SEPK3
Two-Way Radio**



The 7920SE Two-Way Radio is so sophisticated, it is virtually self-installing. When connected to a computer terminal or ADEMCO 7720P, the 7920SE guides the installer to the best location for antenna placement.

- Subscriber transceiver for use in AlarmNet-A service area
- UL AA, UL Fire Listed, MEA, CFM Approved
- Fully compatible with existing installations, including all ADEMCO panels
- Fully integrated transmitter, receiver, interface and power supply in one compact unit
- Self installing FAST mode operation optimizes installation time
- Real time poll response supervision by AlarmNet SuperStations
- LED indications of transmit, receive, message waiting and message acknowledged, antenna or transmitter fault
- UL A, B, and fire applications
- “High Security Test” checks integrity of the circuitry including the antenna and cable

HOW TO ORDER:

- Antennas**
 7625-3dB - 3dB omni-directional
 7825 - outdoor
 7674-6dB directional
 7674-13 13dB directional

- Extension Cables**
 7625-5 - 5'
 7625-12 - 12'
 7625-25HC - 25'
 7625-50HC - 50'

- Antenna Brackets**
 7670F

Contact your local distributor for channel used in your area.

*See AlarmNet Services Chart on page 76

**LONG RANGE
RADIO**



7715DFKT MicroFAST INSTALLATION TOOL

The 7715DF MicroFAST is a low cost, hand-held signal strength meter that enables alarm sales and installation personnel to determine signal strength for AlarmNet radio from installation site to the network.

- Low cost, compact, easy to use; enables all sales and installation personnel to carry unit
- Alphanumeric display indicates real time signal strength and stations being communicated with at the desired quality level
- Programmer - Can be used to program select AlarmNet transmitters
- User can customize minimum acceptable signal strength
- Install mode allows installers to test transmitter without contacting the central station
- Tests cable and antenna

**See AlarmNet Services Chart on page 76*