

Description

The Secure-Com™ cellular package allows you to connect a full function cellular phone system as either the primary or backup communications link to DMP panels. The cellular units connect to the panel's battery terminals and the backup connector of the 893 Dual Phone Line Module making installation simple.

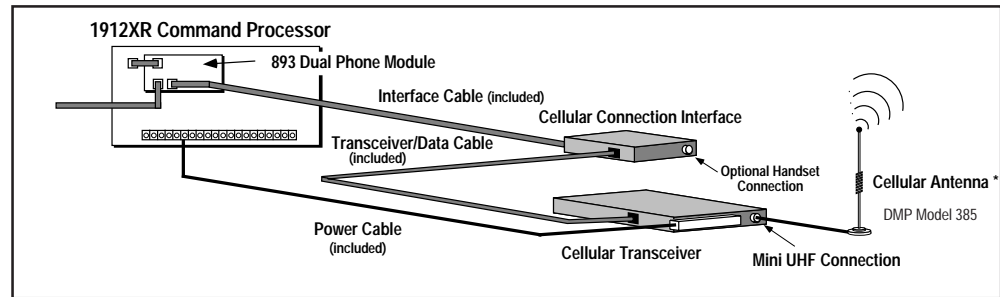


Figure 1: Secure-Com™ cellular system.

What's included

The Secure-Com™ package consists of the following:

- 3 watt cellular transceiver
- interface module to accept the panel's data
- power cable for the transceiver
- all necessary phone cables

A cellular antenna and optional handset can be purchased separately from DMP. See chart on back.

Hardware installation

1. Plug the Transceiver/Data cable from the cellular interface module into the transceiver.
2. Connect the Interface Cable between the 4-wire RJ11 jack on the interface module and the backup connector on the 893 Dual Phone Line Module.
3. Connect the antenna cable (not supplied) to the mini-UHF connector on the transceiver.
4. Install both units into the panel enclosure. See Figure 2.
5. Connect the black wire on the power cable to the battery negative terminal on the panel.
6. Connect the red wire on the power cable to the battery positive terminal on the panel.
7. Plug the power cable connector into the transceiver.

The Secure-Com system draws 200mA standby current and up to 2 Amps of current while transmitting.

Red power LED

After applying power to the Secure-Com package, the red power LED on the cellular interface module lights steady and then flashes for five seconds. After this time, the LED goes back to steady to indicate the equipment is sensing the cellular network through the antenna and that there is sufficient power from the panel's battery.

Turning off the cellular phone

To turn off power to the cellular phone equipment, press the red LED button on the cellular interface module. Pressing it again restores power.

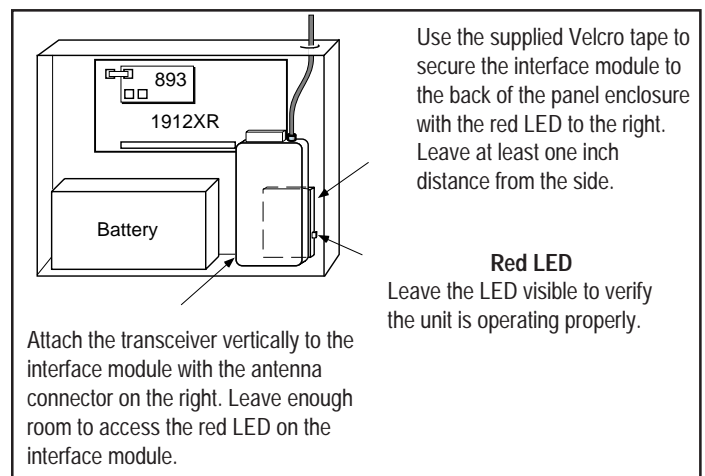


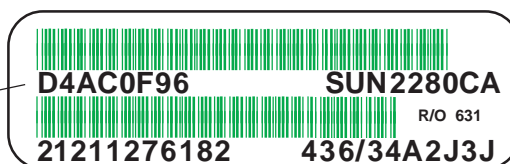
Figure 2: Installing modules in panel enclosure.



Activating cellular service

To activate the cellular service with a cellular provider, you'll need to supply the Electronic Serial Number from the transceiver. See Figure 3. The provider will assign you a cellular ID number and an area code and phone number for the cellular system. This information must be programmed into the transceiver.

Figure 3: ESN on transceiver module.



Follow the instructions in the NAM Programming Guide supplied with the cellular equipment to program the transceiver. To program a transceiver you'll need the DMP Model 380 or 381 Handset. See the chart below for the correct handset model.

About Cell-Miser™ operation

1912XR panels (firmware version 111 or higher) and all XR200 panels support the cellular call restriction feature known as Cell-Miser™. This programming option limits those calls made over a backup cellular phone line to zone alarms, Ambush, Phone Line 1 trouble, Abort, Recall Tests, and delayed events.

To use the 1912XR panel without the Cell-Miser option, program the panel's second line for **DD** (digital dialer). All event information will be sent over the cellular phone when the Line 1 analog line is inoperable. To use the 1912XR or XR200 panel with Cell-Miser, program the panel's second line for **CELL**.

Cellular Products Cross Reference Chart

The following lists compatible handsets and interfaces that can be used with Secure-Com™ transceivers.

Approximate Release Date	Standard Motorola Transceivers	Approved Motorola Handsets		Approved Motorola Interfaces
May 1995	19029NASBA	SCN2498A or SCN2497B	DMP Model 380	S1936C or S1936D
May 1995	19031WASBB	SCN2498A or SCN2497B	DMP Model 380	S1936C or S1936D
May 1995	19029WASBA	SCN2498A or SCN2497B	DMP Model 380	S1936C or S1936D
Authenticating Motorola Transceivers				
July 1996	19031WASBD (SUN183OUA)	SCN2498A or SCN2497B	DMP Model 380	S1936D
December 1996	SUN2280BA or SUN2280CA	SLN3601A or SCN2462A	DMP Model 381	S1936D

Programming the panel

Once the cellular equipment is installed and programmed, you'll need to program the DMP panel to configure it for cellular operation. Refer to the 1912XR Programming Guide (LT-0171) or the XR200 Programming Guide (LT-0196) for complete programming information.

Digital Monitoring Products

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