CP-90 SUPERVISED WIRELESS SECURITY CONTROL/COMMUNICATOR

Installation Outline

The following outline is intended to guide the installing alarm dealer through the complete installation and programming of a CP-90 system.

The following documents are included with the CP-90 system:

✓ **CP-90 Installation Instructions (P/N 207416)**
Complete installation and programming instructions for the CP-90 system.

✓ **CP-90 Programming Key (P/N 207418)**
Multi-color fold out sheet summary of each CP-90 programming function, selector, value ranges and value defaults.

✓ **CP-90 Programming Worksheet (P/N 207744)**
Worksheet for the installer to enter the programming values for the CP-90 system. Blank spaces are provided to write in programmed values for later reference.

✓ **CP-90 User's Guide (P/N 207417)**
An end-user's guide detailing system operation. This manual is to be left at the installation site for the system user.

✓ **CP-90 Registration Card (P/N 207847)**
Postage paid card for the installing dealer to fill out and mail.

✓ **CP-90 Sensor Number Card (P/N 208248)**
A card with spaces to fill in sensor types and locations. This chart is to be left at the installation for end user reference.

Use the following outline in conjunction with the CP-90 Installation Instructions to guide you through the CP-90 installation. The outline follows the Table of Contents.

1. Unpack the system.
   A. Scan and identify the above listed documents.
   B. Identify the system components (transformer, cable, antenna, etc.)

2. Plan the installation by creating an installation floor plan.

3. Mount the CP-90 control panel on the wall.

4. Connect the antenna.

5. Connect wire runs to the CP-90 terminals.
   A. Install a ground stake and run the ground wire.
   B. Install the telephone jack and run the phone line.
   C. Install any hardwired switch contacts and end-of-line resistors, run loop wires.
   D. Install alarm bell or siren and connect to auxiliary relay(s).
   E. Wire control output connector to auxiliary relay triggers.
   F. Mount keypads and run wires to CP-90 control station terminals.
   G. Mount any powered devices (PIR's, smokes) and run wires to CP-90 auxiliary, fire and smoke power terminals.
   H. Turn CP-90 MASTER POWER switch off and connect the plug-in transformer.
   I. Install the backup battery.
   J. Install the AUD-1 2-way audio board (optional).

6. Hold MASTER RESET switch down and turn MASTER POWER switch on. Continue to hold down the MASTER RESET switch for 10 seconds.

7. Check that all of the keypads are running, the green POWER light should be lit on each one.

8. Press STATUS 97 to clear trouble displays.

9. Review the "Control Station Operation", "Basic System Information" and "Basic Keypad Operation" sections of the CP-90 Installation Instructions to learn how to work the system.

10. Program the CP-90.
    A. Fill out the "CP-90 Programming Worksheet" with the desired values for the system.
    B. Thoroughly review the "Programming the CP-90" section of the CP-90 Installation Instructions.
    C. Execute program Function 21 to install all wired keypads.
    D. Program the keypad(s) lighting and sound levels using the "Accessory Installation" Table (Functions 24-35).
    E. Program the first part of the communicator using the "General Communicator Operation" table (Functions 50-51). Leave the communicator turned off (Function 050.001) until installation is complete.
    F. Program any special reporting codes (if different from the defaults). Use the correct "Reporting Codes" table (Functions 70, 72, 74, 75, 77 & 79) for the communicator format(s) being used.
    G. Program the rest of the communicator using the "Communicator Routing, Telephone #'s and Account #'s" table (Functions 60-69).
    H. Program the personal access codes (PAC) using the "Personal Access Code (PAC) Installation" table (Functions 90-101).
    I. Program the exit/entry delays and other options using the "Control Panel Configuration" table (Functions 120-121).
    J. Program the wireless and hardwired sensors using the "Sensor Installation" table (Functions 0-17).
    K. Fill out the user's "Sensor Number Card" with types and locations of sensors.

11. Test the system locally.

12. Turn the communicator on by programming Function 050.001 to a value of 1. (If system is monitored).

13. Test the system again, verifying that the central station receives the correct report codes.

14. Instruct the user on system operation.

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