Secure Care Products®, Inc.

Please contact your
Distributor /
Installer for service ...

Tel.: _____

Installation Manual

135DE System

39 Chenell Drive
Concord, NH USA 03301-8501
Phone: (800) 451-7917 / (603)223-0745
Fax: (603) 227-0200
http://www.securecare.com

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SECTION 1 IMPORTANT NOTICES

PLEASE READ THIS MANUAL BEFORE BEGINNING THE INSTALLATION OF A SECURE CARE SYSTEM

This installation manual is provided for reference by purchasers and installers of Secure Care Products, Inc.'s ("Secure Care's") systems. This manual is not intended as a catalog of warnings for the protection of anyone or as a substitute for obtaining professional training or assistance in the design of a facility's security procedures and systems, or in the installation, set-up, testing, support, operation, maintenance, repair or use of Secure Care's systems. Nothing in this manual modifies the terms of Secure Care's General Product Warranty Statement or of any written agreement signed by Secure Care or creates further warranties or extends benefits of any sort to anyone beyond those already expressly established in Secure Care's General Product Warranty Statement and in any written contract signed by Secure Care.

1. Secure Care is Not Responsible for the Locks

   ALL LOCKS USED WITH SECURE CARE'S SYSTEM ARE DESIGNED, MANUFACTURED, LABELED AND DELIVERED SOLELY BY AN INDEPENDENT VENDOR OVER WHOM SECURE CARE HAS NO CONTROL AND FOR WHOSE ACTIONS OR FAILURES TO ACT SECURE CARE DISCLAIMS ALL RESPONSIBILITY. REGARDLESS OF WHETHER THE LOCKS CARRY SECURE CARE'S LOGO OR NAME OR ANY OTHER TRADEMARK, SERVICE MARK OR TRADE NAME USED OR CLAIMED BY SECURE CARE, SECURE CARE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE LOCKS AND/OR THEIR USE WITH OR OPERATION IN THE SECURE CARE SYSTEM, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND/OR NON-INFRINGEMENT. SECURE CARE ALSO DISCLAIMS ALL OBLIGATIONS WITH RESPECT TO THE LOCKS AND/OR THEIR USE WITH OR OPERATION IN THE SECURE CARE SYSTEM THAT MIGHT OTHERWISE ARISE OR BE IMPLIED FROM THE FACT THAT SUCH LOCKS CARRY SECURE CARE'S LOGO OR NAME OR ANY OTHER TRADEMARK, SERVICE MARK OR TRADE NAME USED OR CLAIMED BY SECURE CARE OR FROM THE DELIVERY OR INSTALLATION OF THE LOCKS WITH SECURE CARE SOFTWARE, PARTS AND/OR PRODUCTS OR FROM A COURSE OF DEALING OR USAGE IN TRADE. ALL RESPONSIBILITY FOR DESIGNING, MANUFACTURING, LABELING AND WARNING OF HIDDEN DEFECTS OR DANGERS IN THE LOCKS AND/OR THEIR USE WITH AND OPERATION IN THE SECURE CARE SYSTEM RESTS EXCLUSIVELY WITH THE INDEPENDENT VENDOR, AND ANY CLAIMS, COSTS, DAMAGES OR LIABILITIES ARISING FROM THE LOCKS AND/OR THEIR USE WITH OR OPERATION IN THE SECURE CARE SYSTEM SHALL BE MADE SOLELY AGAINST THE INDEPENDENT VENDOR.

2. Secure Care Is Not Responsible for The Computer Hardware.

   IF YOU PURCHASE COMPUTER HARDWARE THROUGH SECURE CARE AND REQUEST THAT SECURE CARE SOFTWARE BE INSTALLED AND TESTED ON THAT HARDWARE AT THE FACTORY, SECURE CARE WARRANTS ONLY THAT THE HARDWARE AND THE SOFTWARE PACKAGES WERE INSTALLED, SET-UP AND TESTED PRIOR TO SHIPMENT IN ACCORDANCE WITH ALL SECURE CARE PRODUCT MANUALS AND THAT, AT THE TIME THE HARDWARE AND THE SOFTWARE PACKAGES WERE FINALLY INSPECTED AT THE FACTORY, THEY WERE PERFORMING (SUBJECT TO SECURE CARE'S SPECIFIED TOLERANCES) IN ACCORDANCE WITH SECURE CARE'S SPECIFICATIONS. SECURE CARE WILL NOT BE RESPONSIBLE FOR ANY DEFECTS IN OR PROBLEMS CAUSED BY THE HARDWARE, ALL CLAIMS FOR WHICH MUST BE MADE TO THE HARDWARE MANUFACTURER AND/OR VENDOR. SECURE CARE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE HARDWARE AND/OR ITS USE WITH OR OPERATION IN THE SECURE CARE SYSTEM, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND/OR NON-INFRINGEMENT. SECURE CARE ALSO DISCLAIMS ALL OBLIGATIONS WITH RESPECT TO THE HARDWARE AND/OR ITS USE WITH OR OPERATION IN THE SECURE CARE SYSTEM THAT MIGHT OTHERWISE ARISE OR BE IMPLIED FROM THE FACT THAT SUCH HARDWARE CARRIES SECURE CARE'S LOGO OR NAME OR ANY OTHER TRADEMARK, SERVICE MARK OR TRADE NAME USED OR CLAIMED BY SECURE CARE OR FROM THE DELIVERY OR INSTALLATION OF THE HARDWARE WITH SECURE CARE SOFTWARE, PARTS AND/OR PRODUCTS OR FROM A COURSE OF DEALING OR USAGE IN TRADE. ALL RESPONSIBILITY FOR DESIGNING, MANUFACTURING, LABELING AND WARNING OF HIDDEN DEFECTS OR DANGERS IN

THE HARDWARE AND/OR ITS USE WITH AND OPERATION IN THE SECURE CARE SYSTEM RESTS EXCLUSIVELY WITH THE HARDWARE MANUFACTURER AND/OR VENDOR, AND ANY CLAIMS, COSTS, DAMAGES OR LIABILITIES ARISING FROM THE HARDWARE AND/OR ITS USE WITH OR OPERATION IN THE SECURE CARE SYSTEM SHALL BE MADE SOLELY AGAINST THE HARDWARE MANUFACTURER AND/OR VENDOR.

3. Several Factors Outside the Secure Care System Can Affect its Performance

Secure Care's software, parts and products are designed for operation in a wireless system. However, the range, performance, and predictability of any wireless system, including Secure Care's, is dependent on several factors, including, but not limited to, the following: building structure; environmental extremes (e.g., temperature, earth tremors, air pollution, etc.); the proximity of other wireless devices; the presence of variable speed products; sources of Radio Frequency Interference (RFI); physical orientation and positioning of the equipment; and sources of Electro Static Discharge (ESD). Secure Care is not responsible for the effect of these types of factors on operation of its software, parts and products and disclaims all responsibility for any claim relative thereto.

4. The Secure Care System Must be Properly Installed

Secure Care's system must be installed, set-up, tested, supported, operated, maintained, repaired and used only in accordance with all manuals and instructions (including the user, installation, technical and other manuals) issued by Secure Care (the "Product Manuals"). It is your responsibility to assure that any person who might be installing, setting-up, testing, supporting, maintaining or repairing the Secure Care system knows the contents of and has access to the Product Manuals and has successfully completed Secure Care technical training. It is also your responsibility to assure that any person who might be operating or using this Product knows the contents of and has access to the Product Manuals and has successfully completed Secure Care in-service training. Secure Care can not be responsible for performance problems caused by a failure to follow prescribed and appropriate procedures for installation, set-up, testing, support, operation, maintenance, repair and use.

All adjustable features on new and repaired Secure Care software, parts and products are shipped with "factory default" settings. These "factory default" settings may not comply with building and life safety codes or other applicable laws and regulations in the location where they are installed or operated. Secure Care strongly recommends, therefore, that the settings on all Secure Care software, parts and products be checked and, if necessary, reset to comply with local building and life safety codes and other applicable laws and regulations at the time of any installation, set-up, testing, support, maintenance or repair.

5. Performance of the Secure Care System Software Depends on Proper Maintenance

Secure Care's system is driven by software. However, the performance and reliability of any software-driven system depends on adequately maintaining the recommended minimum configuration of computing platform, operating systems and applications programs and on regularly performing industry-standard and application-specific backup processes. If recommended minimum configurations of computing platform, operating systems, and applications programs are not adequately maintained, or if appropriate backups are not regularly performed, the software may not drive the system as intended. Secure Care is not responsible for operational problems caused by a failure to perform these maintenance and backup procedures and disclaims all responsibility for any claim relative thereto.

6. Only a Qualified Service Technician Should Work on a Secure Care System

Secure Care does not authorize, and strongly recommends against, any installation or field replacement of software, parts or products by untrained contractors or facility staff. Such work can be hazardous, can render the system ineffective and will void any Secure Care warranty or liability that might otherwise relate to the system.

Before any software, parts or products which have been designed and manufactured by Secure Care can be safely installed, set-up, tested, supported, maintained or repaired, technical training in accordance with standards established by Secure Care is required. Regardless of how Secure Care's software, parts or products are obtained, they should not be installed, set-up, tested, supported, maintained or repaired by any person who has not satisfactorily completed that technical training (a "qualified service technician".) When Secure Care's software, parts or products are sold separately from installation services, it is assumed that only a qualified service technician

will conduct any installation, set-up, testing, support, maintenance or repair involving that software, part or products.

7. Any Work Must Comply with Electrical and Life Safety Codes

It is important that any installation, set-up, testing, support, operation, maintenance, repair or use involving the system comply with all local and national electrical and life safety codes. If you have any questions about compliance with those codes, please contact your local authorities.

8. Immediately Have Replacements or Repairs Checked On-Site by a Qualified Service Technician

Secure Care receives and responds to telephone and dial-in inquires (the "Help Line") about its software, parts and products for the purpose of discussing users' experiences with Secure Care's system, helping users better understand how their systems work, and providing ideas about what may be causing difficulties. However, Secure Care cannot accurately diagnose the cause of any problems or give complete instructions on how to fix problems over the telephone or Internet. The only way to assure that software, parts or products are installed, set-up, tested, supported, maintained or repaired correctly or that a Secure Care system is functioning properly is to have it examined on site by a qualified service technician. In addition, Secure Care software, parts and products cannot be operated or used correctly by anyone who has not successfully completed Secure Care in-service training. Secure Care's Help Line is not a substitute for on-site diagnosis and servicing by a qualified service technician or for successful completion of Secure Care in-service training. Secure Care strongly recommends that any installation, set-up, testing, support, maintenance or repair of a system that is performed by a person who has not satisfactorily completed technical training in accordance with standards established by Secure Care be immediately checked on-site by a qualified service technician.

WARNING: EVEN SLIGHT MODIFICATIONS TO THE SYSTEM OR CHANGES IN THE OPERATING ENVIRONMENT MAY CAUSE SECURE CARE'S SYSTEM TO MALFUNCTION. THE ONLY WAY TO ASSURE THAT SECURE CARE'S SYSTEM HAS BEEN INSTALLED, SET-UP, TESTED, SUPPORTED, MAINTAINED AND REPAIRED CORRECTLY IS TO HAVE A QUALIFIED SERVICE TECHNICIAN DO THE WORK.

9. The Secure Care System is not a Substitute for Careful Identification and Monitoring by Professional Staff

Secure Care's software, parts and products have been designed to augment a facility's reasonable procedures for protecting residents, patients, and infants. However, no system or combination of procedures and equipment can eliminate all risk or assure complete security. Secure Care's system is not intended as a substitute for the careful identification and monitoring of residents, patients, and infants by a facility's professional staff.

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A01350691, Rev. A

Fig. 2

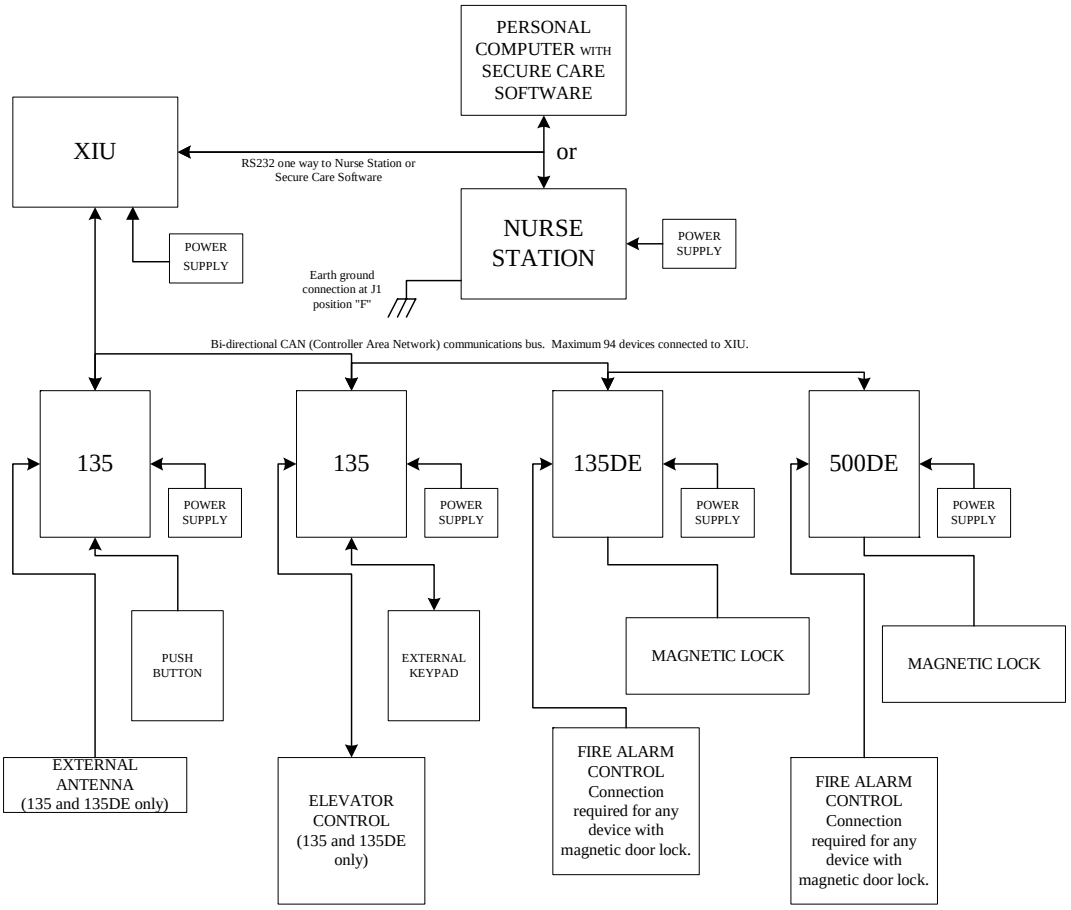


Figure 2-1 System Block Diagram

NOTE: This diagram is UL required. Do not remove or change Part Number or Figure #.

SECTION 3 POWER AND GROUNDING REQUIREMENTS

Each Exit Panel will require a 110/220/230VAC duplex outlet specific to regional or country options (minimum 2 Amp) within ten cable feet of the intended installation location. The use of emergency power circuits is highly recommended due to possible facility power failures.

NOTES:

- Power Wire: 14/2 stranded, unshielded (SCP Part # C60008473). Power wire is a UL requirement. Failure to use this wire removes the UL listing.
- Power Supply: SCP Part # C40006008. For overseas 230VA Power Supply refer to Appendix B.
- Do not connect to a receptacle controlled by a switch.
- Do not extend the power supply cord provided. The maximum distance the duplex outlet should be from the Exit Panel is ten cable feet.

- Risk of shock
- Dry location use only
- For indoor use only

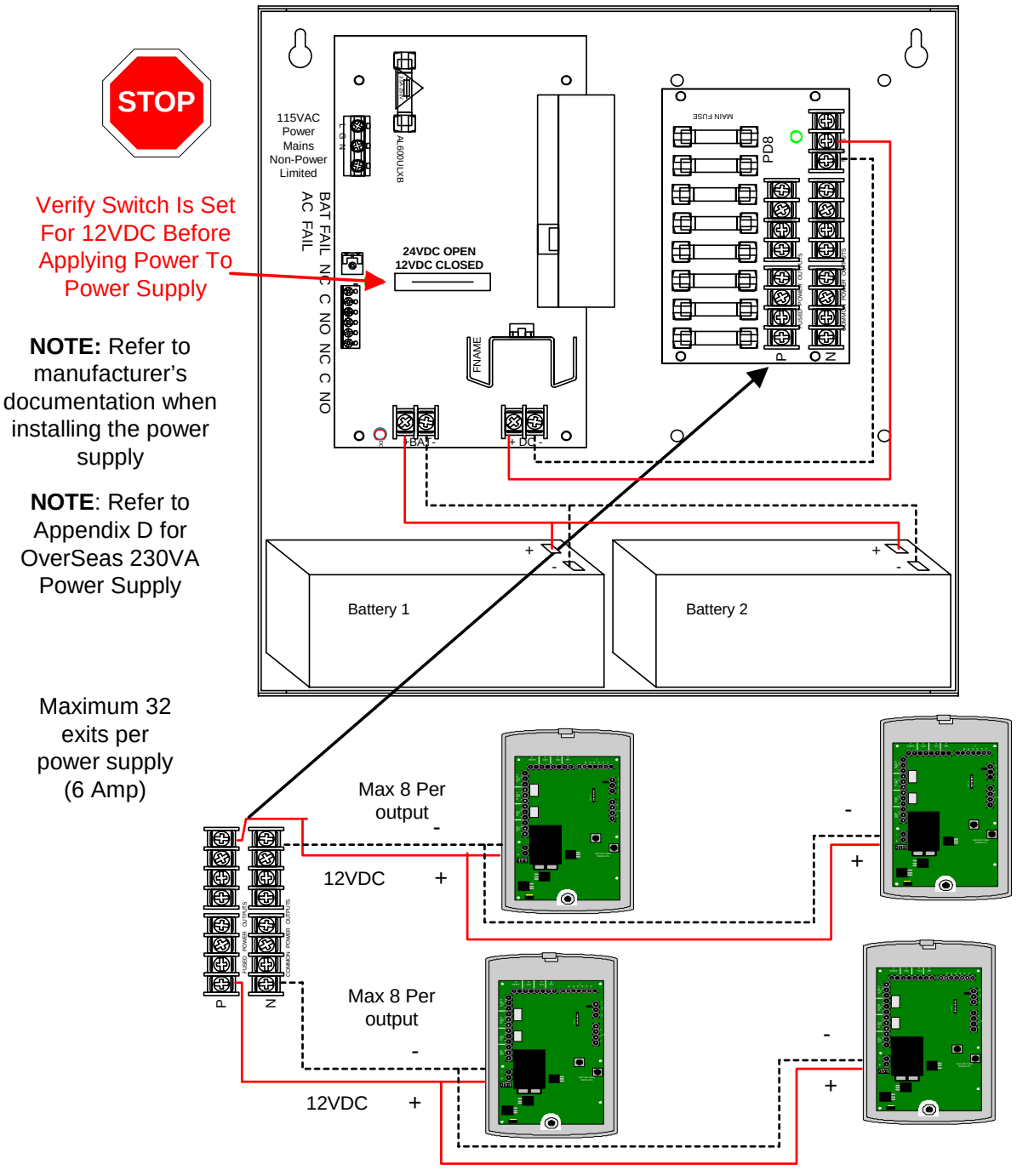


Figure 3-1 Power Supply to Exit Connection

SECTION 4 TYPICAL SYSTEM INSTALLATION

As with any Wandering Monitoring System, each application can be different. Use the guidelines below as a basic understanding of what a standard application would be like.

- Identify all the equipment that is to be installed. Inspect for any damage that may have resulted during shipment. If damage is found, notify the shipping carrier immediately and arrange for an inspection. Be sure to retain all shipping and packing materials.

- Install all communication wires from each exit system to the remote system annunciator location.

- Determine the location of the Exit Control Panel, making sure to accommodate for any local, state, or federal codes or guidelines including ADA requirements, and mount as required. Standard applications would place this equipment on the wall at the center of the door height on the latch side.

- Mount the Electromagnetic Lock in strict accordance with the manufacturer installation instructions. Be sure to comply with all Life Safety and Electrical Codes as required.

- Mount the Magnetic Door Contacts provided with the Exit Kit on the latch side of the door. These contacts provide a method of monitoring the open or closed status of the door.

- Route all necessary peripheral connection wires into the Exit Control Panel mounting box. These would include wires such as communication, magnetic contacts, exit power, magnetic lock power, etc.

- Prepare all wires and make connections to the exit system. Special care should be taken to prevent loose connections and shorts.

- Proceed to the remote system annunciator location to mount as required. This device should be easily visible by staff for monitoring of the system. Common locations are centralized nurse stations or staffed reception areas.

- Make all necessary wiring connections as shown on the following pages.

- Plug in all power supplies and batteries. The system is now ready for testing.

Device Electrical Specifications

XIU, 500DE, 135, 135DE & ID Exit Panels

- Input Power: 12VDC/1A
- Relay Specifications: Max. 30VDC (only) 1 Amp
- Battery Back Up: Rechargeable 9VDC Ni-MH battery
- Battery Back Up Time: Approximately 30 minutes

Nurse Station SCP P/N A02280903

- Input Power: 12VDC/500mA
- Battery Back Up: Rechargeable 9VDC Ni-MH battery
- Battery Back Up Time: Approximately 30 minutes

Magnetic Lock

- Input Power: 12VDC/1A
- Battery Back Up: None

UL Product Listings

- UL 294
- UL 1069

135DE Exit Panel

NOTE: Not all exit panels will have every feature set or all components populated. Refer to specific part number or exit panel model name for available feature sets.

Panel Information
135DE Exit Panel

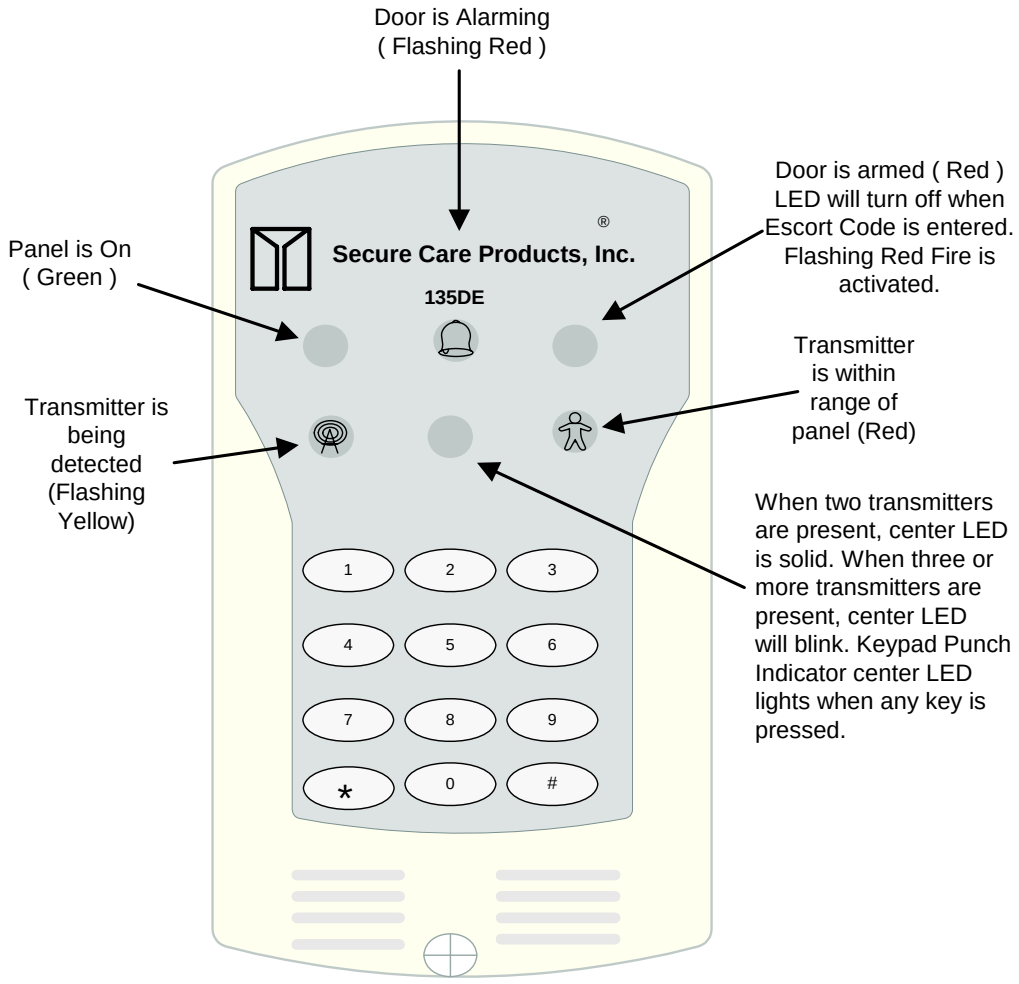


Figure 6-1 Front View of 135DE Exit Panel

LEGEND

1. Electromagnetic lock Delayed Egress connection
2. Normally Closed door contact connection
3. Momentary Push Button or Non-latching Key Switch
4. Fire alarm Normally Open dry alarm relay connection (field selectable)
5. Controlled area network (CAN) connection
6. Remote Internal/External Keypad connection (seven pin)
7. Electromagnetic lock relays , one and two connections
8. Auxiliary relays (one and two connections)
9. DC power input connections.
10. CAN Bus termination jumper
11. External Model 135Receiver connection. See Appendix D at the end of this manual.
12. Dipswitches Power/Volume

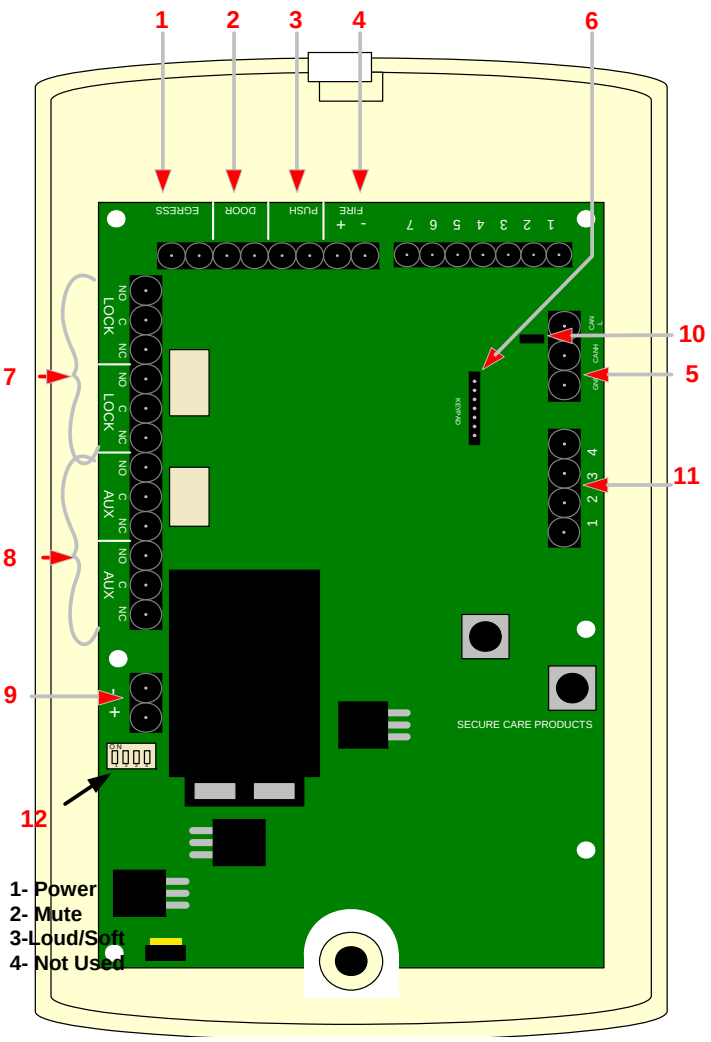


Figure 6-2 Rear View of 135DE Exit Panel

XIU

LEGEND

1. XIU to XIU (Only used with Cutband System. Refer to ID with Stat Manual)
2. RS-232 connection to Nurse Station or SCP Software
3. Controlled area network (CAN)
4. Back up battery holder
5. DC power input connection
6. Auxiliary relay connection (Form C Relays that activate during a cutband alarm)

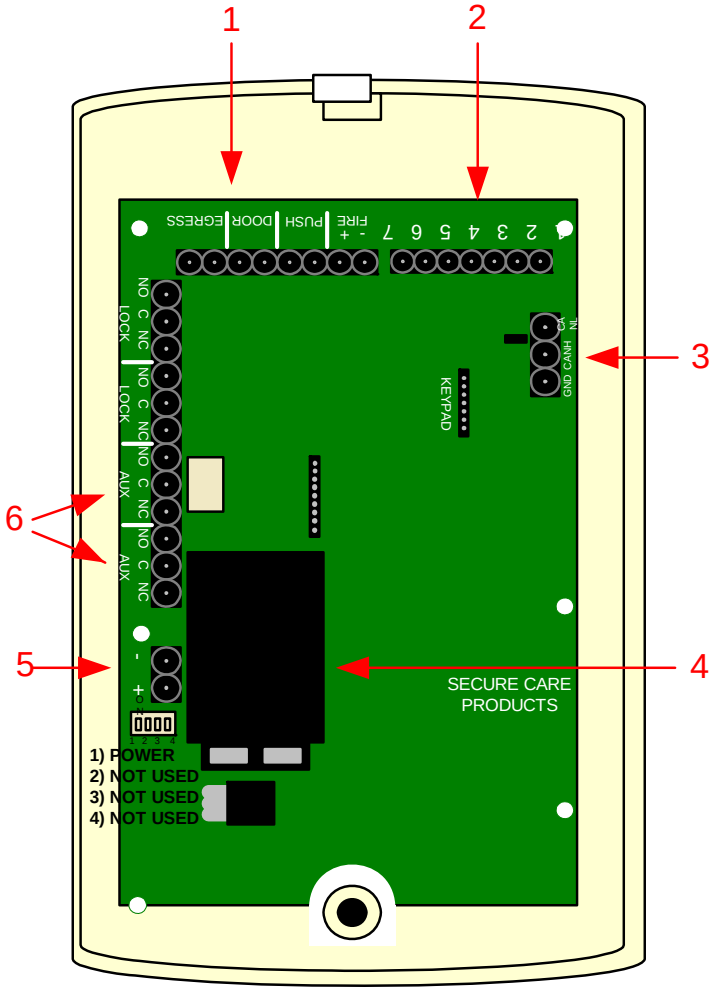


Figure 6-3 Rear View of XIU

ID Nurse Station Console

LEGEND

1. Non-volatile RAM storage
2. RS-232output chip
3. RS-232 output connector
4. Software EPROM
5. RS-232 device input connections (Term. 9-16)
6. RS-232 input chip (Term. 13-16)
7. RS-232 input chip (Term. 9-12)
8. Dry contact device input (Term. 1-8)
9. DC input power connector
10. DC power regulator and heat sink
11. Power / Volume control switches
12. Back up battery holder

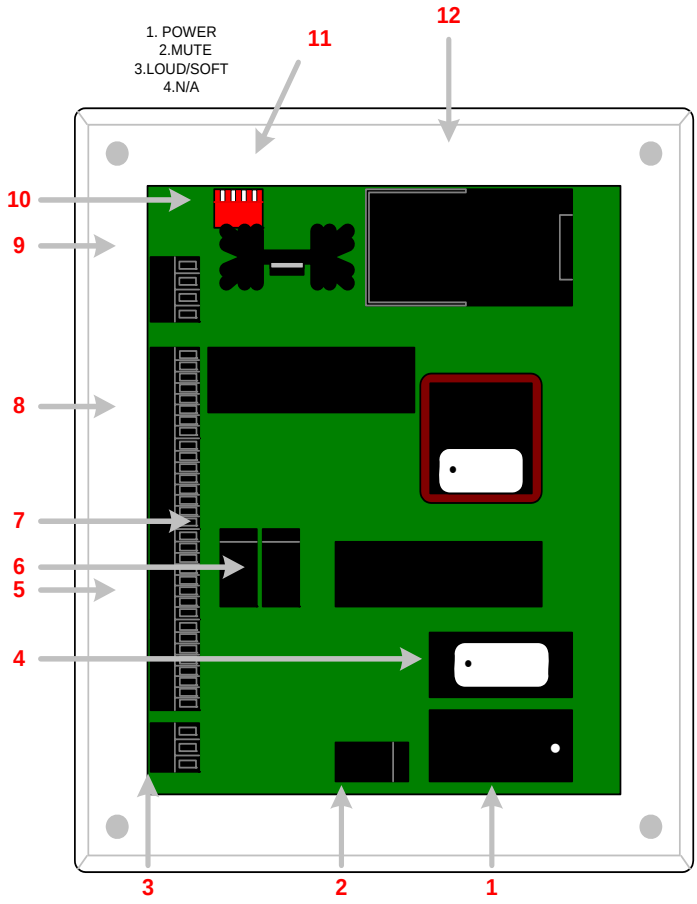


Figure 6-4 Rear View of ID Nurse Station Console

203/204 LED Nurse Station Annunciator

NOTE: Actual Nurse Station connections may differ from figures below.

LEGEND

1. Form C output relay
2. DC power input
3. Dry contact position inputs (1-4)
4. Volume adjustment

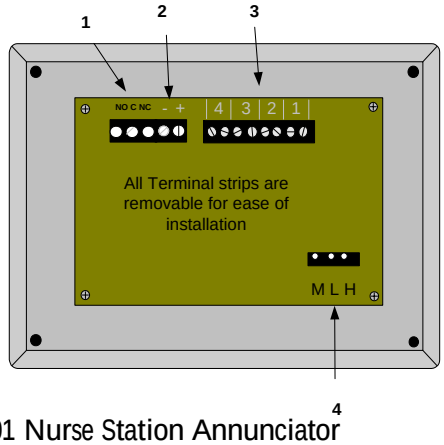


Figure 6-5 New A02030901 Nurse Station Annunciator

LEGEND

1. Form C output relay
2. DC power inputs
3. Dry contact position inputs (1-4)
4. Volume adjustment
5. Dry contact position inputs (5-8)
6. DC power inputs
7. Shield drain ground connection
8. Volume adjustment

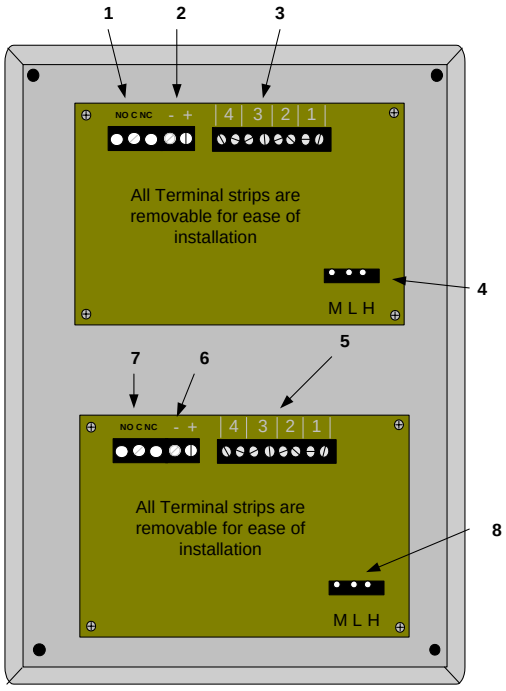


Figure 6-6 New A02040901 Nurse Station Annunciator

Indoor/Outdoor Remote Keypad Layout

LEGEND

1. Mounting screw holes
2. Seven pin connector for seven conductor ribbon cable
3. Steel faceplate

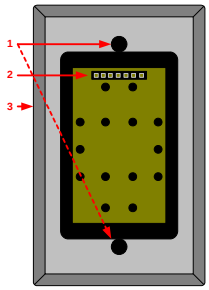


Figure 6-7 Rear View of Remote Keypad

Indoor/Outdoor (N/O) Push Button Layout

LEGEND

1. Mounting screw holes
2. Spade lug terminal connectors (Normally Open – Activated Closed)
3. Steel Faceplate

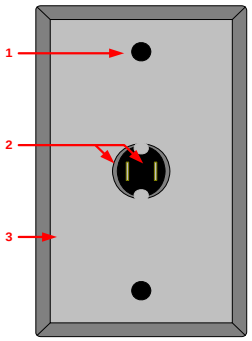


Figure 6-8 Rear View of Push Button

SECTION 7 STANDARD FEATURES

The selective monitoring system is designed to augment your policy regarding security of infants, small children, or residents. If used and tested properly, the system will provide many years of trouble free operation. The standard system consists of an Exit Panel, the electromagnetic lock, the Receiver/Antenna, magnetic door contacts, and an active Transmitter.

The standard mode of operation for the Exit System allows free access of the door by nurse staff members and visitors but quietly locks the door when a transmitter approaches the door. When the transmitter leaves the monitored area, the door unlocks and access is again available for the nurse staff and visitors. If a nurse staff member is required to escort a transmitter out of the protected area, an escort code can be entered into the Exit Panel keypad to allow both the nurse staff member and the transmitter to pass through the perimeter without creating an alarm.

Other key features are described below and can be activated at the time of installation or at any time afterward by a trained technician.

Primary Reset (Escort) Code – This code is used to reset an alarm condition or escort a monitored transmitter through a door without creating an alarm condition. In the Advanced Security Mode, the primary reset (escort) code will not allow access through a monitored door location. This code should not be given to family members or visitors. Only nurse staff members should be allowed to reset an alarm condition or escort a transmitter out of the building without creating an alarm.

Tertiary Reset (Escort) Code - This code is used to reset an alarm condition or escort a monitored transmitter through a door without creating an alarm condition. In the Advanced Security Mode, the tertiary reset (escort) code will not allow access through a monitored door location. This code should not be given to family members or visitors. Only nurse staff members should be allowed to reset an alarm condition or escort a transmitter out of the building without creating an alarm.

Secondary Reset (Programming) Code –In the Advanced Security Mode, the secondary code is used to escort a transmitter through a monitored door. This code is also used to enter the programming mode of the system. This code should only be given to authorized nursing staff members.

Selectable Delayed Egress Timing – This feature allows the Exit Panel to be programmed for either a 15 or 30 second release on activation of the delayed egress function. Per NFPA Life Safety Code 101, local life safety officials must be contacted for guidance on requirements for local jurisdictions prior to being programmed.

Latching Delayed Egress – Enabling the latching delayed egress function of the Exit Panel allows the electromagnetic lock to remain unlocked whenever the delayed egress cycle has released the door and a monitored transmitter has exited the perimeter. A valid reset (escort) code entered by an authorized staff member is required before the door is available to lock again.

Software Verification – The software verification feature allows the user to determine which software version is installed in the Exit Panel. The Exit Panel will blink the LED's and chirp the sounder located on the front of the panel in specific sequences that are to be counted for identification.

PM Mode – This feature allows the Exit Panel to be programmed to lock and unlock automatically at certain times of the day whether a transmitter is near a monitored area or not.

Loiter Alarm – When activated, this feature will create an alarm condition whenever a monitored transmitter remains within the detection range of an exit for a predetermined period of time.

SECTION 8 THEORY OF OPERATION

135DE Exit Panel

The 135DE Exit Panel is a microprocessor-based unit that recognizes pulse signals sent from Secure Care Transmitters. This control panel can allow for traffic to pass normally, but can engage an optional magnetic lock when a Secure Care Transmitter is within detection range. The 135DE should create an audible and visual alarm when a transmitter is in detection range and the door is open. The system can trigger an alarm at either an A02030901/A02040901 LED Annunciator, ID Nurse Station Console, or a PC based Secure Care Software Graphic Annunciator in a specified remote location. The escort feature allows adults to be escorted without alarm when an authorized, user programmable, four digit code is entered. The anti-tailgate feature should immediately re-arm the system when the door has closed to prevent an unauthorized exit. The PM feature allows the system to lock or alarm for exit/entry during specified time periods.

XIU (Exit Interface Unit)

The XIU communication hub is designed to provide a method of message control for all field installed devices using the CAN bus architecture for supervision and event message transmission. Up to 94 total devices may be connected to one XIU unit. Each device will require its own uniquely programmed addressable ID. The XIU passes the input messages through to either an ID Nurse Station Console or a PC based Secure Care Software Graphical Annunciator. The XIU is equipped with two auxiliary relays (Form C relays) which activate during a cutband alarm.

ID Nurse Station Console

The A02280903 ID Nurse Station Console can be used to monitor activities occurring at exit locations. When an alarm sounds at the exits the ID Nurse Station Console will display the location of the alarm in the LCD display. The ID Nurse Console has eight dry contact inputs, and eight RS232 style communication inputs. With this system only the dry contact inputs can be used to interface with the 135DE Exit Panel, security systems or any dry contact device. The ID Nurse Console's non-volatile memory can store up to 40 non-ID exit location names.

Indoor/Outdoor Remote Keypad

The A05030900 Remote Keypad is used to perform all of the functions of the Exit Panel keypad at an additional location. Typically, the Remote Keypad is mounted on the opposite side of the wall from the Exit Panel to allow for escort and reset functions from either side of the door. The Remote Keypad receives its power from the Exit Panel connected to it. The keypad only offers an input to the Exit Panel. It does not offer any internal relays or timers.

The Indoor/Outdoor (N/O) Push Button

The A04150900 Normally Open Push Button can be interfaced to the 500DE, 135, 135DE Exit Panel. It is used to bypass the panel. Usually the Push Button is mounted on the other side of the door to allow access from the other side of the door. The Push Button can only reset an alarm condition in advanced push button mode.

SECTION 9 INSTALLATION AND CONNECTIONS

Basic Installation of Mounting Enclosures

Surface Mount Enclosure (XIU, 135DE)

The surface mount enclosure is designed to be mounted on the wall adjacent to the exit to be monitored. It mounts using the screws, anchors, and strain relief provided with the enclosure. Wiring may be routed through one or more of the three provided knockout locations or through surface mounted non-metallic conduit into the knockouts on the top of the enclosure. The center of the enclosure should be mounted 48" above the floor in accordance with ADA requirements.

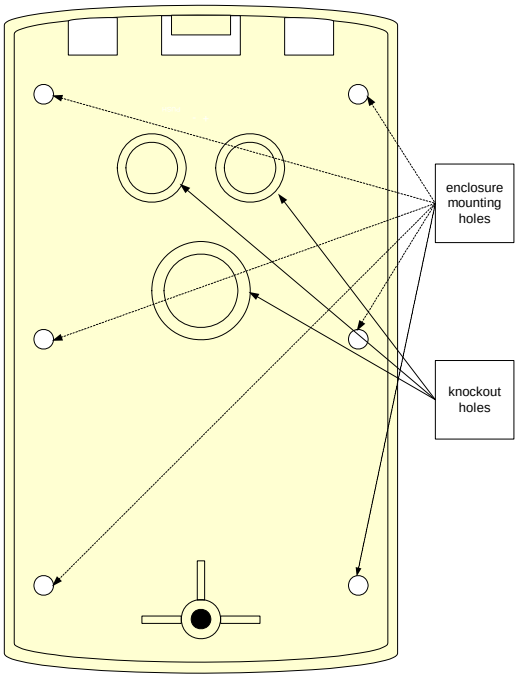


Figure 9-1 Surface Mount Enclosure for Exit Panels

After routing wires appropriately to the enclosure location, use the enclosure as a template to mark and drill for the six anchor locations. Drill a ¼" hole for each anchor location and install plastic anchors provided. Apply strain relief connectors to the required knockout locations. Route wires through the strain relief connector. Tighten strain relief connector around the wires. Wires should withstand 35 pounds of pull force without slipping through connector. Use the #10 X 1" stainless steel, pan head, sheet metal screws provided to mount the enclosure to the wall.

NOTE: Strain relief of routed cables is required to retain UL product listing. If above instructions are not followed, product listing is subject to removal.

Flush Mount Enclosure (XIU, 135DE)

The flush mount enclosure is designed to be mounted in the wall adjacent to the exit to be monitored. It mounts using the screws, washers, retainers, and strain relief provided with the enclosure. Wiring may be routed through one or more of the four provided knockout locations on the back, sides, or top of the enclosure. The center of the enclosure should be mounted 48" above the floor in accordance with ADA requirements.

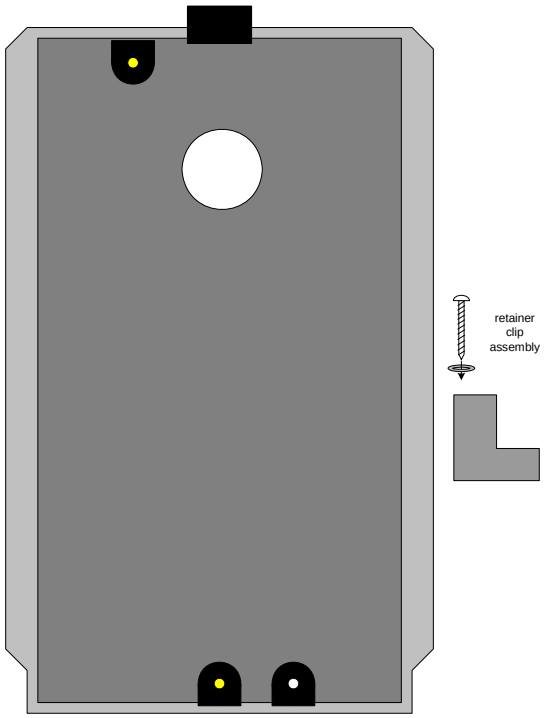


Figure 9-2 Flush Mount Enclosure for Exit Panels

After routing wires to the enclosure location, use the enclosure as a template to mark and cut the wallboard for inserting the enclosure. Apply strain relief connector to required knockout locations. Route wires through strain relief connector. Tighten strain relief connector around the wires. Wires should withstand 35 pounds of pull force without slipping through connector. Insert the enclosure into the wall.

Use the screws, washers, and retainer clips provided to mount the enclosure securely in the wall. Review the diagram above for assembly of the retainer clip. Insert the retainer clip assembly into the slots located on the top and bottom of the enclosure. Keeping pressure on the enclosure inside the wall, tighten the screws of the retainer clip assembly in the forward most position until the enclosure is secure.

NOTE: Strain relief of routed cables is required to retain UL product listing. If above instructions are not followed, product listing is subject to removal.

Flush Mount Enclosure (ID Nurse Station Console, A02040901 LED Nurse Station Annunciator)

This flush mount enclosure should be mounted in a convenient location for monitoring by facility staff. It mounts easily using the Madison clips provided. Knockouts for wire entry are available in all four sides and back of the enclosure. Use the strain relief cable clamp provided for wire entry.

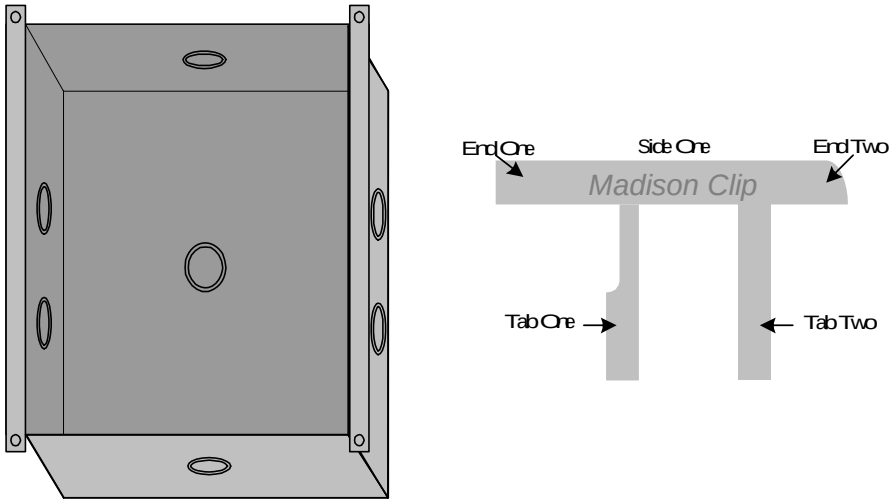


Figure 9-3 Flush Mount Enclosure for Nurse Stations

Use the enclosure as a template and cut a hole in the wallboard for inserting the enclosure. Pull the wires through the cable clamp and install the enclosure in the wall. A maximum of six wires may be pulled through each ½" cable clamp. Tighten the strain relief connector around the wires. The wires should withstand 35 pounds of pull force without slipping through the connector. Use the two Madison clips on the top and bottom to secure the enclosure as follows. Bend end two up at a 45° angle. Insert side one into the gap (keeping end two up) between the wallboard and the enclosure top. Slide end one of the Madison clip left or right until clip meets the far extent of enclosure hole. Keeping outward pressure on the Madison clip, bend tab one and tab two 180° into the enclosure and flatten with pliers. Follow the same procedure on the bottom of the enclosure with the second Madison clip, but slide the clip to the opposite side of the enclosure hole and keep end two down.

NOTE: Strain relief of routed cables is required to retain UL product listing. If above instructions are not followed, product listing is subject to removal.

Surface Mount Enclosure (ID Nurse Station Console, A02040901 LED Nurse Station Annunciator)

This surface mount enclosure should be mounted in a convenient location for monitoring by facility staff. It mounts easily using the Madison clips provided. Knockouts for wire entry are available in all four sides and back of the enclosure. Wiring may be routed through one or more of the six provided knockout locations or through surface mounted non-metallic conduit into the knockouts on the top or bottom of the enclosure. Use the strain relief cable clamps provided for wire entry.

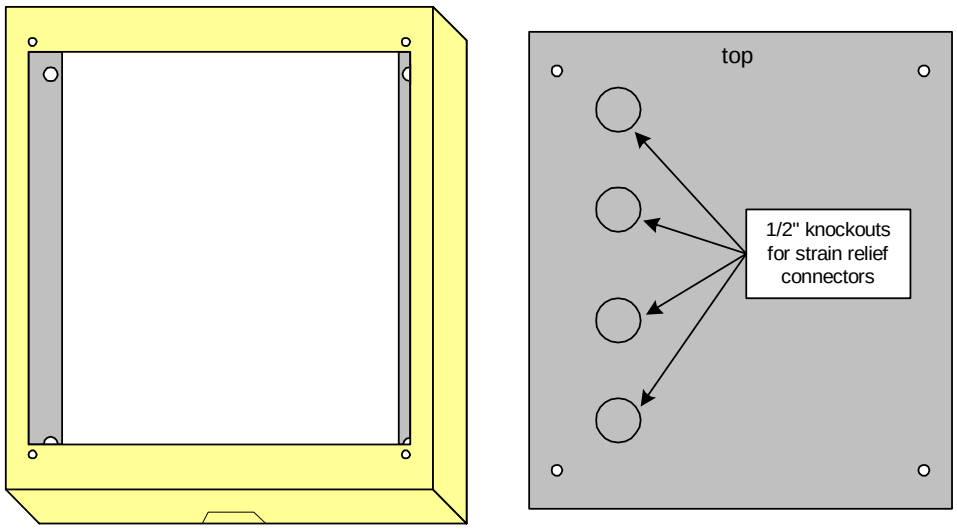


Figure 9-4 Surface Mount Enclosure for Nurse Stations

Use the backplate as a template and mark four mounting holes. Drill a ¼" hole for each anchor location and install the plastic anchors provided. Apply the strain relief connector to required knockout locations. Route the wires through strain relief connector. A maximum of six wires may be pulled through each ½" cable clamp. Tighten the strain relief connector around the wires. The wires should withstand 35 pounds of pull force without slipping through the connector. Use the #10 X 1" stainless steel, pan head, sheet metal screws provided to mount the enclosure and backplate to the wall. (Note orientation of backplate).

NOTE: Strain relief of routed cables is required to retain UL product listing. If above instructions are not followed, product listing is subject to removal.

Remote Annunciation

Remote annunciation provides a method of displaying conditions of the installed system to varying degrees in other locations of the facility as required by the policies and procedures in place. These locations can include, but are not limited to, security offices, risk management offices, centralized staffing locations, and facility operator offices. The amount of information provided at a remote location will vary by product purchased and installed. At a minimum, the location of an alarm can be identified by each remote annunciator.

The following diagrams and text references will guide you through the application of the different products available with the system. Contact your Sales Representative if there are any questions in regards to adding or changing your remote annunciation product.

A02030901 (A02040901) Nurse Station Annunciator

The A02030901 (A02040901) Nurse Station Annunciator is a basic dry contact driven series of LED's and piezo sounders designed to provide a specific location of a device in alarm. The device in alarm can include, but is not limited to, 500DE, 135, 135DE or a panic button. There are no communication requirements from the field device to the annunciator. The field device can provide a dry contact closure during an alarm event. If each field device is wired properly to the remote annunciation location, the closure will provide an alarm on one of four (or eight) LED locations on the face of the unit.

Each field device requires a two conductor shielded home run (single length of wire from beginning point to end point) without any breaks or splices.

The A02030901 Nurse Station Annunciator requires a mounting box A10000210 for flush mounted applications and mounting box 401 for surface mounted applications. The A20240901 Nurse Station Annunciator requires a mounting box 449 for flush mounted applications and mounting box 448 for surface mounted applications.

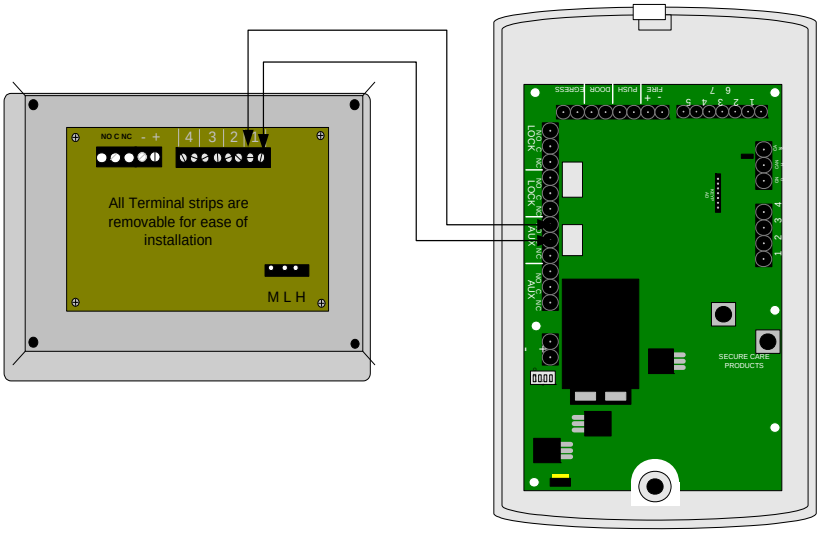


Figure 9-5 Connection Between the A02030901/A02040901 and the 135DE Exit Panel

Connection should be made using the Normally Open (NO) and Common © on the back of the 135DE Exit Panel.

Each A02030901 (A02040901) Nurse Station Annunciator has a series of LED's located on the front of the panel and a Form C relay that will change state when any of the four channels alarm. There is a green LED and a red LED for each device position. When the connected device is in a stand-by mode, the green LED will be illuminated and no sound will be present. If a connected device is in an alarm condition, the red LED will begin to flash and an audible sound will be present. This alarm condition on the A02030901 (A02040901) Nurse Station Annunciator will remain active until the field device is reset and the condition satisfied. A place for labeling the field device is located between the LED's and the piezo sounders. This label should closely identify the device connected to that position.

Secure Care Software to XIU Connection

Secure Care Software provides central monitoring of the Secure Care Product's security devices installed in a facility. The software runs on ordinary Windows-based personal computers. Secure Care Software shows all activities on detailed floormaps of the facility. Device images on a floormap are mapped to the devices they represent so that Secure Care Software can manipulate the image in response to events and status changes involving the device.

The software receives communications from field installed devices via a communication hub device known as an "XIU". The XIU (discussed later in this section) provides two-way communication to and from field devices using an RS-485 architecture. This architecture will be referred to the "CAN bus" throughout this Manual. The CAN bus will be discussed in further detail in the XIU section of this manual. The XIU should be connected to the COM port on the back of the computer loaded with the SCP Software. To make the connections to the XIU connect the ORANGE wire coming from the exits to the screw terminal marked CANH. Connect the BLUE wire to the screw terminal marked CANL, and last connect the ground wire to the screw terminal mark GND.

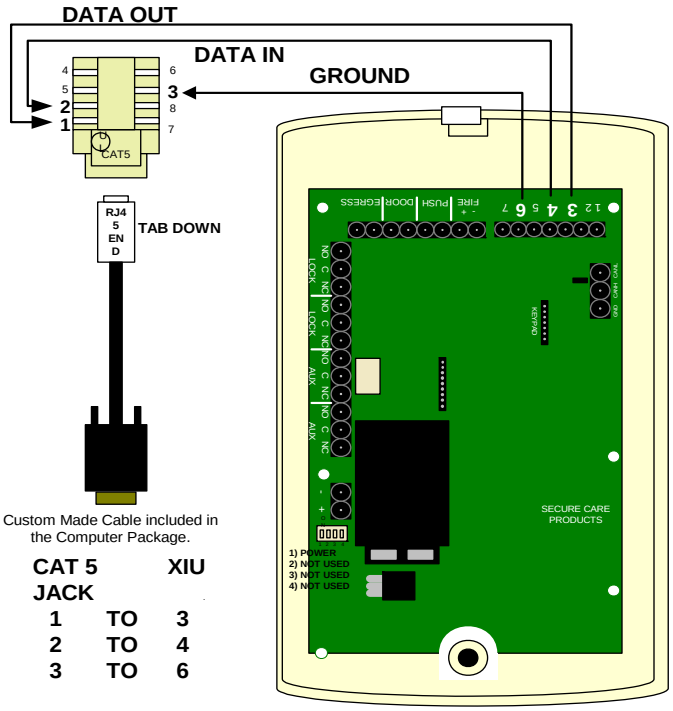


Figure 9-6 XIU to Computer Connection

To make the connections to the computer connect the ORANGE wire to pin 3 on the back of the XIU and pin 1 on the RJ 45 jack. Connect the BLUE wire to pin 4 on the back of the XIU and pin 2 on the RJ 45 jack. Connect the BLUE/WHITE wire to pin 6 on the back of the XIU and pin 3 of the RJ 45 jack. For the XIU to computer/software connection, use the bank of seven screw terminals. The connection between the RJ 45 jack and the computer COM ports is made with the custom made cable provided in SCP Part #821 Computer Cable Kit.

Interfacing Magnetic Locks

The 135DE Exit Panel can be interfaced with a magnetic lock. The connections to the locks should be made as shown in Fig. 9-7. The 135DE Exit Panel can also be interfaced to two locks.

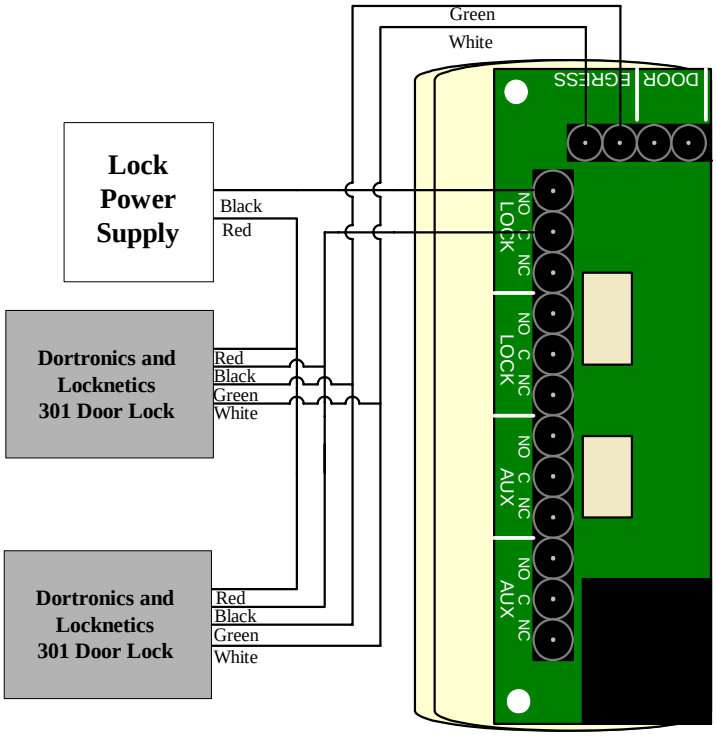


Figure 9-7 135DE Exit Panel to Dortronics Lock Connections

Interfacing the Magnetic Solutions Lock

The 135DE Exit Panel can be interfaced with a magnetic lock. The connections to the locks should be made as shown in Fig. 9-8.

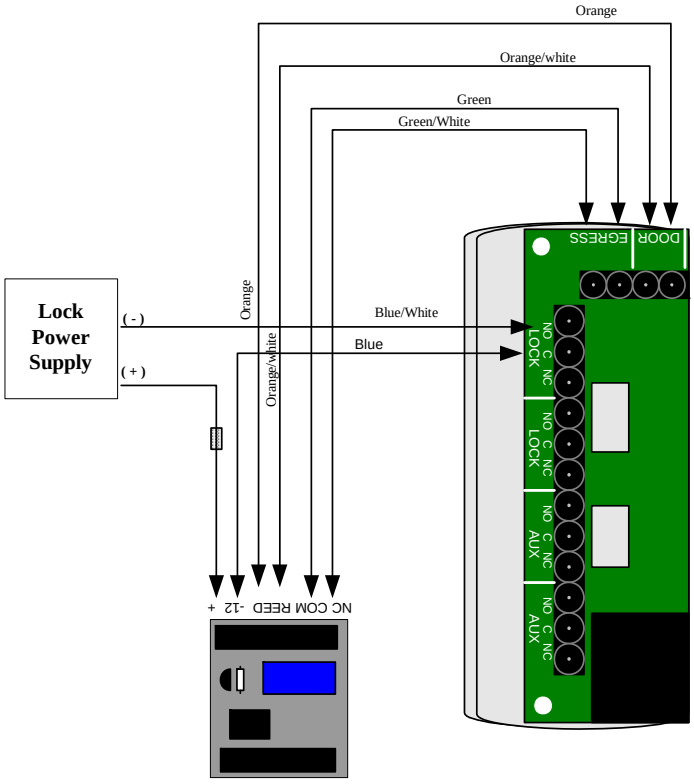


Figure 9-8 135DE Exit Panel to Magnetic Solutions Lock Connections

Interfacing Two Magnetic Solutions Locks

The 135DE Exit Panel can also be interfaced to two Magnetic Solutions locks. Make connections as shown in Fig. 9-9. The two locks should be wired in series not in parallel.

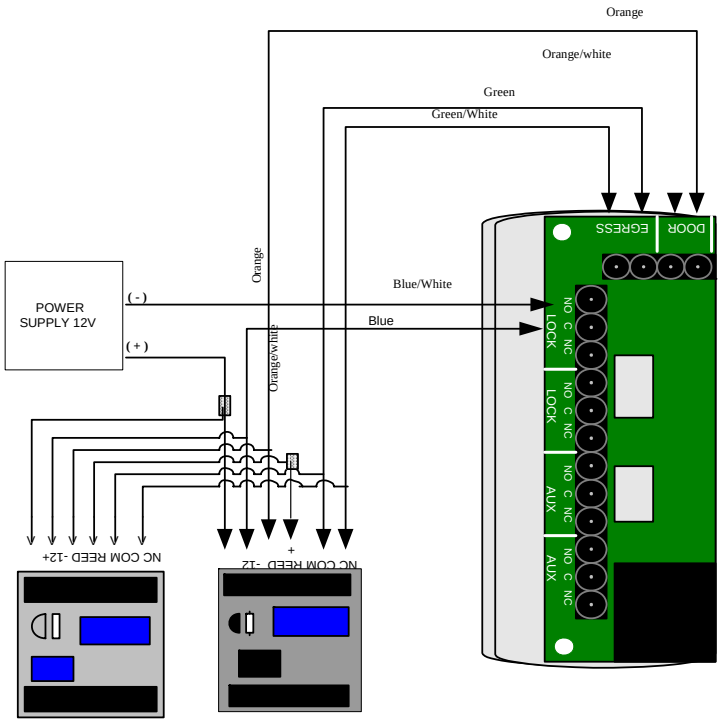


Figure 9-9 135DE Exit Panel to Two Magnetic Solutions Locks Connections

Interfacing the Push Button and Remote Keypad

The 135DE Exit Panel can be interfaced with a normally open non-latching Push Button and or a SCP provided Remote Keypad. The connections should be made as shown in Fig. 9-10.

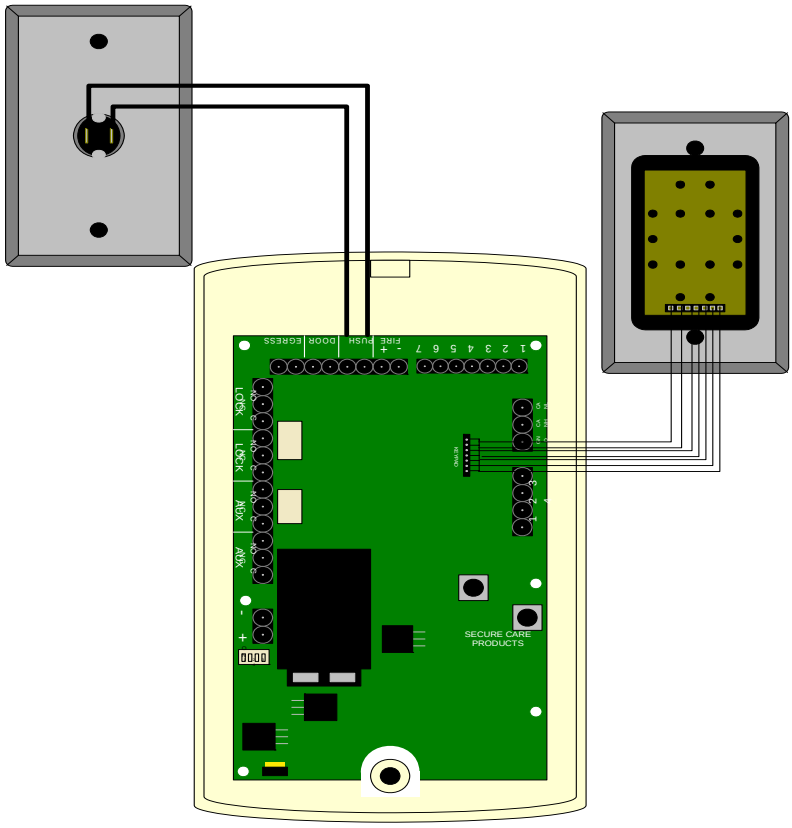


Figure 9-10 Push Button and Remote Keypad to 135DE Exit Panel Connection

Delayed Egress and Fire Alarm Connections

Each of our panels has a delayed egress connection and a fire alarm connection per Life Safety Code 101 and NFPA code 101. The fire alarm panel connection is designed to disengage the magnetic lock in the event of a fire alarm. The delayed egress connection will sense when pressure is applied to the door, releasing the magnetic lock 15 seconds later. Connect the positive lead from your fire alarm panel to the positive termination on the panel; connect the negative lead from your fire panel to the negative termination on the panel. When connecting the delayed egress (1), simply connect both leads from the lock to the panel. Polarity does not matter. Connections are shown in Fig. 9-11.

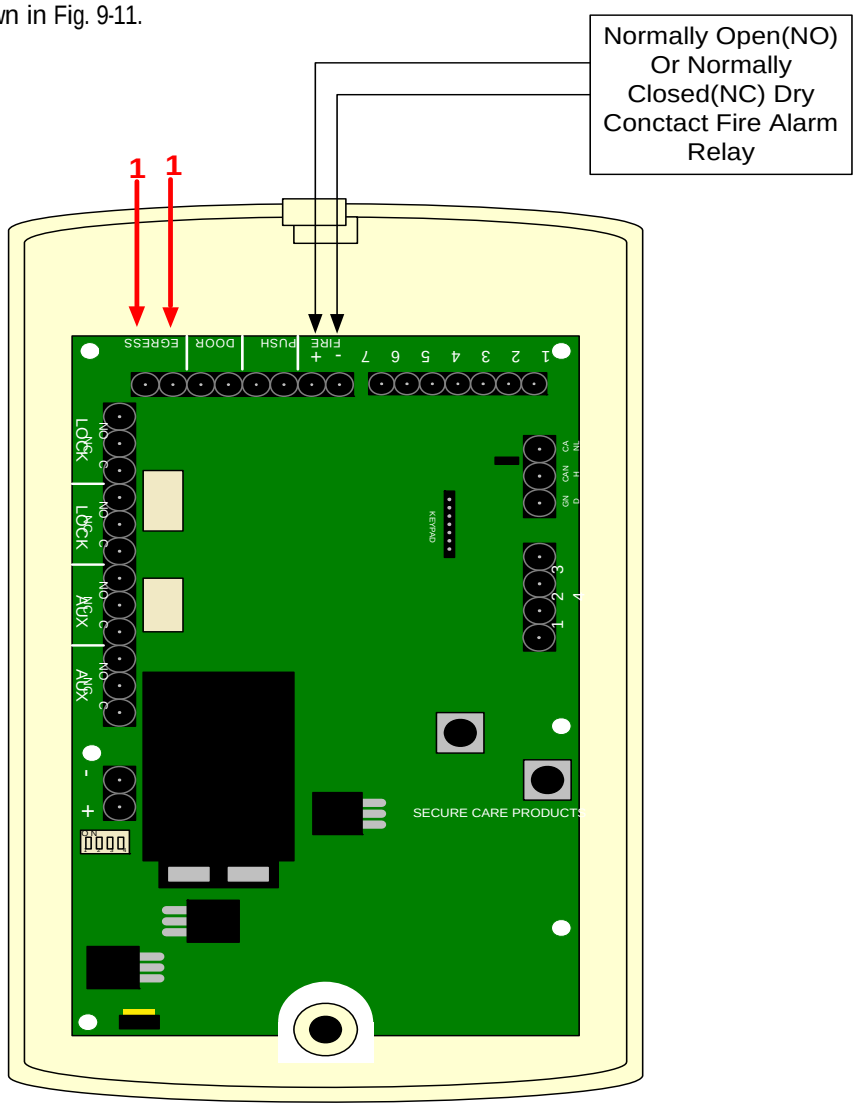


Figure 9-11 Delayed Egress and Fire Alarm Connections

135DE Exit Panel to External Receiver Connections

Enabling the External Antenna or range adjustment is done through the keypad on the Exit Panel.

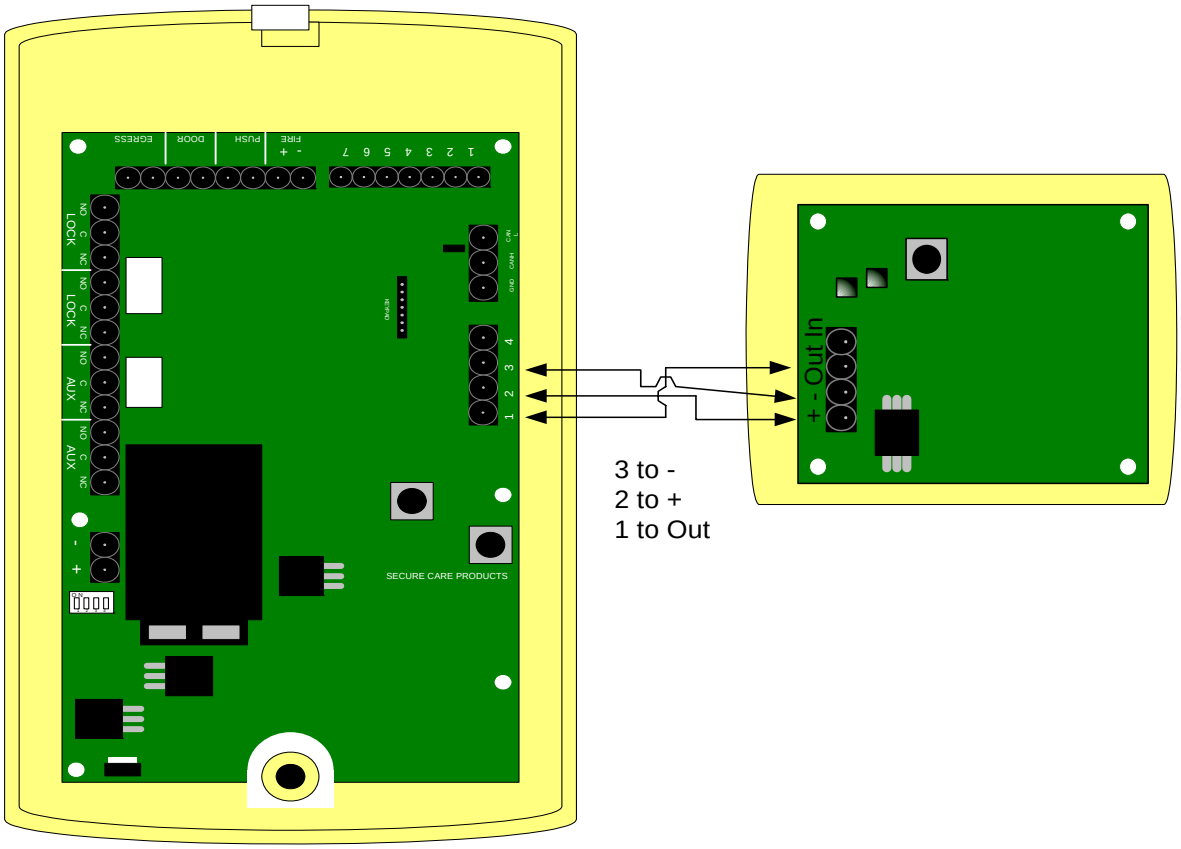
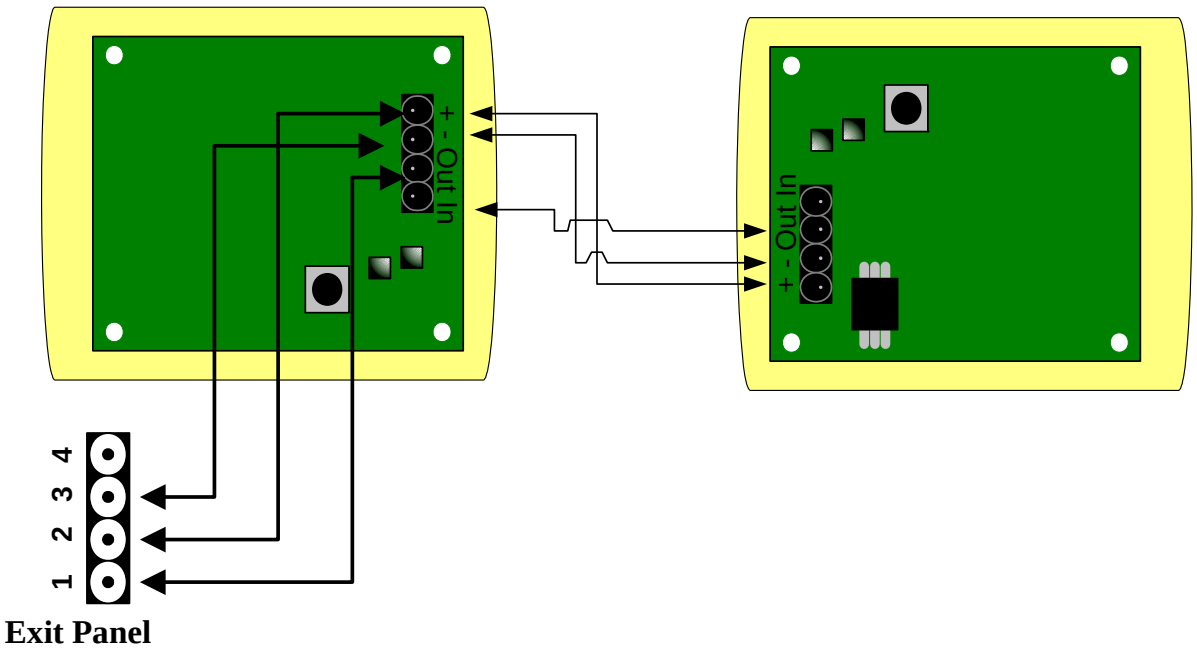


Figure 9-12 Exit Panel to External Receiver Connection

Second External Receiver Connections

First Receiver is wired directly to the Exit Panel

Second Receiver is wired from the First Receiver



Exit		Receiver 1		Receiver 2
3	TO	-	TO	-
2	TO	+	TO	+
1	TO	OUT		
		IN	TO	OUT

Figure 9-13 Connecting Two External Receivers

Reset (Escort) Codes

NOTE: The PM mode must be disabled to make any programming changes to the panel. (See *Section 10* of this manual)

NOTE: All Programming is stored in nonvolatile memory, which means that if the panel looses power the programming will remain in memory.

NOTE: To reset the panel to factory settings enter *309 *9876543214.

Each Exit Control Panel offers three separate four digit codes for escorting transmitters legally through a protected doorway or hallway or resetting an alarm condition created by the presence of a transmitter while the exit door is open or hallway perimeter is breached. These three codes are referred to as the Primary, Secondary, and Tertiary. The Primary and Tertiary codes allow for resetting alarm conditions and escorting transmitters through protected areas when the Advanced Security Mode is not used (refer to the section on Advanced Security Mode for more operation details of that feature). The Secondary code allows for resetting, escorting, and programming in all conditions. This code allows transmitters to be escorted through a protected area while Advanced Security Mode is active (refer to the section on Advanced Security Mode for more operation details of that feature).

Primary Code (any three digits proceeded by *). Factory Default *234

To change the Primary code, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed Secondary code
2. Enter *9876543210#
3. Enter new three digit code. One beep = Change accepted

Secondary Code (any three digits preceded by *) Factory Default - *567

To change the Secondary code, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed Secondary code
2. Enter *9876543211#
3. Enter new three digit code. Two beeps = Change accepted

Secondary Code Reset

This will allow you to reset the secondary code to factory setting (*567) .

1. Enter *309 *9876543212

Tertiary Code (any three digits proceeded by *). Factory Default - *751

To change the Tertiary code, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed Secondary code
2. Enter *9876543212#
3. Enter new three digit code. Three Beeps = Change Accepted

Escort Time Factory Default 30 Seconds

Each Exit Panel has a time period for passing through a door without creating an alarm.

To change the Escort code, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543215#
3. Enter new three digit time in seconds (up to a maximum of 900 seconds but not less then 15 seconds) followed by #
4. Two beeps = Change accepted; One beep = Change not accepted

Delayed Egress Release Time

Each Exit Panel controlling an electromagnetic lock has a required time period for pressure applied to a door to release the locking feature as required by NFPA 101. Refer to the NFPA 101 Life Safety Code or your local fire Marshall/safety inspector for guidance on local requirements.

Delayed Egress Release Time

Factory Default 15 seconds

To change the release time from 15 to 30 seconds, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#030
3. Multiple confirmation beeps = change accepted
4. Single confirmation beep = change not accepted

To change the release time from 30 to 15 seconds, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or currently programmed secondary code
2. Enter *9876543217#015
3. Multiple confirmation beeps = change accepted
4. Single confirmation beep = change not accepted

Egress Activation for Nuisance Silent

Default disabled

Currently a beeping will sound for the first 3 seconds when there is pressure applied to the door. With the Nuisance Silent Feature enabled, it will silence the 3 second nuisance sound and will activate the egress process.

To enable Nuisance Silent enter *567*9876543217#777
To disable Nuisance Silent enter *567*9876543217#707

Delayed Egress Activation Time

Each Exit Panel controlling an electromagnetic lock has a required time period for pressure applied to a door to activate the delayed egress release feature as required by NFPA 101. Refer to the NFPA 101 Life Safety Code or your local fire Marshall/safety inspector for guidance on local requirements. This feature allows you to modify the time necessary to apply the constant even pressure upon the door to activate the delayed egress alarm mode. The four options below are 3 sec., 2 sec., 1 sec., and 0 sec. Changing the activation time from factory default should be done only after permission is granted by the local Authority having jurisdiction.

Delayed Egress Activation Time

Factory Default 3 Seconds

To change the activation time to 3 seconds, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#753
3. Three confirmation beep = change accepted
4. No confirmation beep = change not accepted

To change the activation time to 2 seconds, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#852
3. Two confirmation beeps = change accepted
4. No confirmation beep = change not accepted

To change the activation time to 1 second, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter*567 or the currently programmed secondary code
2. Enter *9876543217#951
3. One confirmation beeps = change accepted
4. No confirmation beep = change not accepted

To change the activation time to 0 seconds, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#580
3. Four confirmation beeps = change accepted
4. No confirmation beep = change not accepted

Latching Delayed Egress

Each Exit Panel controlling an electromagnetic lock has a required time period for pressure applied to a door to release the locking feature as required by NFPA 101. This feature, when enabled, allows the door to remain unlocked once the delayed egress feature is activated until an authorized reset code is entered into the Exit Panel.

Latching Delayed Egress

Factory Default Disabled

To enable the latching delayed egress feature, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#999
3. Four confirmation beeps = change accepted

To disable the latching delayed egress feature, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#909
3. Three confirmation beeps = change accepted

One Second Irreversible Latching Delayed Egress

The 135DE Exit Panel has a special one second irreversible latching delayed egress feature. When enabled, in the presence of a transmitter and the activation of the nuisance alarm, the delayed egress cycle will unlock the door and keep it unlocked with an audible alarm until a reset code is entered. Once the delayed egress cycle has been activated, the door will not reset itself even if the transmitter is taken out of the detection range.

One Second Irreversible Latching Delayed Egress

Factory Default Disabled

To enable the one second irreversible latching delayed egress feature, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#888
3. Four confirmation beeps = change accepted

To disable the one second irreversible latching delayed egress feature follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543217#808
3. Three confirmation beeps = change accepted

Fire Alarm Input Selection

Fire Alarm Input

Factory Default Normally Open

To change to input of the Fire alarm relay enter the following:

Normally Closed fire alarm contact active

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543216#000
3. Two confirmation beeps = change accepted
4. One confirmation beep = change not accepted

Normally Open fire alarm contact active

1. Enter *567 or the currently programmed secondary code
2. Enter *9876543216#001
3. Three confirmation beeps = change accepted
4. One confirmation beep = change not accepted

Latching Fire Alarm

To Enable the Latching Fire Alarm

1. Enter *567*9876543216 #999
2. Four confirmation beeps = change accepted
3. One confirmation beep = change not accepted

To Disable the Latching Fire Alarm

1. Enter *567*9876543216 #909
2. Five confirmation beeps = change accepted
3. One confirmation beep = change not accepted

Life Safety Lock

You can lock all Life Safety 101 features. This will lock the delayed egress and fire alarm settings. This feature is NON REVERSIBLE and cannot be undone by initializing the panel. Make sure the Life Safety 101 features are correct and meet your local authorities requirements before locking the feature .To undo this feature the panel will have to be sent back to Secure Care Products, Inc. to be reprogrammed.

To LOCK Life Safety Features: Enter *309*9876543219

Panel ID Code

Each Exit Panel requires its own unique ID code for reporting purposes on the CAN bus (if used). Any event message will be transmitted on the CAN bus beginning with the Exit Panel ID code followed by the message string. The Exit Panel ID is also supervised by the XIU for power.

Panel ID Code

Factory Default 255

To change the panel ID code, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or the currently programmed Secondary code
2. Enter *9876543213#XXX (XXX = three digit number)
3. Multiple confirmation beeps = change accepted
4. Single confirmation beep = change declined

To view the Exit Panel ID code, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter*567 or the currently programmed Secondary code
2. Enter *9876543213#999
3. Three series of blinks (# of blinks for number in the code, i.e. one blink = 1) separated by pauses.

PM Mode Feature

The PM Mode feature allows the user to select a single event, (one lock time and one unlock time) to automatically lock and unlock the door system for every day of the week. This will allow more control of unauthorized traffic through the protected door during those times.

PM Mode

Factory Default Disabled

To program the panel to arm and disarm at a selected time

1. Enter *567 *987654321 hold the one until one beep is heard
2. Enter current time of the day in military time
3. Enter unlock time in military time
4. Enter lock time in military time

To enable the PM mode feature:

1. Enter*567*987654321 hold the one until one beep is heard
2. Then enter 9999
3. Four confirmation beeps = change accepted

To disable the PM mode

1. Enter *567*987654321 hold the one until one beep is heard
2. Then enter 9009
3. One confirmation beep = change accepted

Software Version

To verify the software version:

1. Enter *567*2 and hold
2. Count the beeps. It should be a four digit number (10 beeps=0)

Elevator Mode

Elevator Mode

Factory Default Disabled

In normal operation the AUX relay will operate normally, the NO relay will close during alarms and the NC relay will OPEN during alarms. When the Exit Panel loses all power, the NC relay will remain Closed and the NO will remain OPEN. This feature only affects the AUX relays when the power is powered down

To enable the elevator mode: Enter *567 *0 hold the 0 until 1 beep is heard

To disable the elevator mode: Enter *567 *0 hold the zero until 2 beeps are heard. When the elevator mode feature is enabled the AUX relays will change to the alarm state when the panel loses power. (Relays will change state).

Loiter Alarm

This feature, when programmed and enabled, allows the 135DE Exit Panel to create a unique audible alarm to report that a transmitter is in the proximity of a monitored door for too long. If the transmitter were to leave the monitored area after the alarm sounds, the alarm would reset automatically without staff intervention.

Loiter Alarm

Factory Default Disabled

To change the time of the loiter alarm feature in seconds follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or currently programmed secondary code
2. Enter *9876543218#XXX (where "XXX" = time in seconds; example -30 sec. = "030", 3 min. = "180")
3. Two confirmation beeps = change accepted
4. One confirmation beep = change not accepted

To enable the loiter alarm feature follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or currently programmed secondary code
2. Enter *9876543218#999
3. Four confirmation beeps = change accepted

To disable the loiter alarm feature follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or currently programmed secondary code
2. Enter *9876543218#909
3. Three confirmation beeps = change accepted

Advanced Security Mode

In Advanced Security Mode the Primary Reset Code (*234 or equivalent) and Tertiary Reset Code (*751 or equivalent) will not allow the escort of a monitored resident. The Primary Reset Code may still be used to reset an alarm condition. If a Push Button is used in Advanced Security Mode, it will not allow access while a monitored resident is within the detection range. An audible alarm will sound while the Push Button is pressed and a monitored resident is nearby. In the absence of a monitored resident the Push Button and Primary Reset Code will work as usual. Enabling the Advanced Security Mode feature has no affect on the Secondary Reset Codes (*567 or equivalent) operation.

Advanced Security Mode

Factory Default Enabled

To enable the advanced security mode, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or Currently Programmed Secondary code
2. Enter *9876543215#999
3. Four confirmation beeps = change accepted

To disable the advanced security mode, follow the three listed steps without pausing for greater than one second between keystrokes.

1. Enter *567 or Currently Programmed Secondary code
2. Enter *9876543215#909
3. Three confirmation beeps = change accepted

Antenna Selection

Each 135DE Exit Panel has an integrated antenna system in the unit. However, due to special requirements of certain installations, you may be inclined to add an external antenna to the 135DE Exit Panel. In order to choose the external antenna solely for coverage or choose both antennas, the following steps will allow you to choose the proper setup for your installation needs.

Antenna Selection

1. To change the selection of antennae:
2. Enter *567 (or Currently Programmed Secondary Code) Enter *5 and hold the 5
3. One beep = board antenna is active
4. Two beeps = remote antenna is active
5. Three beeps = both the on board antenna and remote antennas are active
6. Four beeps = neither antennas are active

Antenna Range Adjustment

Each door system installation will be unique in many ways. Consider all of the local environmental factors of construction around the system location - the types of materials used, the construction methods used, and amount of foot traffic around and through the door
area. Each system will require tuning for the required coverage at each location independently. The following steps will guide you during the adjustment.

Antenna Range Adjustment

1. Enter *567 or currently programmed secondary code *9876543219
   Five beeps indicate that you are in range adjustment mode

2. Enter "1" and the current threshold will be given via a series of beeps.
   1-9 beeps indicate its numeric value.
   Ten beeps indicate a value of zero.

3. Enter "*" followed by three digits of desired threshold value
   Higher the value = shorter range
   Lower the value = longer range

4. Enter "0" to select the on board antenna or remote antenna
   Four beeps = adjust the remote antenna
   Two beeps = adjust the onboard antenna

5. Enter "#" to get out of the range change mode or wait one minute.
   Three beeps = end of range adjustment mode.

Recommended Weekly Testing

Testing Wandering Patient Monitoring with Lock

Patient Escort Feature Test

Enter the monitoring zone with a transmitter on your ankle. The red LED will turn on and the door will quietly lock. Now enter the primary reset code into the keypad. The red LED will turn green, the door will unlock and you will be able to open the door without the alarm sounding.

Anti-Tailgate Feature Test

Now close the door. The green LED will turn red and the door will immediately relock.

Delayed Egress Feature Test

With the door locked, apply pressure on the opening hardware of the door. The 135DE Exit Panel will begin to alarm and the red LED will remain on. The LED will remain red and the audible alarm sound will be short beeps. After 15 seconds, the audible alarm will become a continuous tone, the red LED will be on, and the door will release. Open the door. The LED will begin flashing red/green/red/green and the audible alarm will change to the seagull sound. Now close the door and enter the primary reset code. The panel will stop alarming, the door will relock and the red LED will be on. (The transmitter is still in the monitoring zone).

Remote Keypad Test

If a Remote Keypad has been installed with the 135DE Exit Panel, repeat the steps above using the Remote Keypad.

Push Button Test

If a remote Push Button has been installed with the 135DE Exit Panel, pass through the door from the Exit Panel side to the Push Button side using the reset code on the Exit Panel keypad. Close the door. Depress the Push Button. Open the door. No alarm condition will be activated and the LED will turn green.

Advanced Security Mode Test

Bring a transmitter into the monitoring zone. The green LED will turn red; the yellow LED will blink. Now enter the primary reset code. The red LED will flash green momentarily indicating a valid code was entered while a monitored resident was nearby. Next, try to gain access via the Push Button if one is installed on your system. With a transmitter in range, the door will remain locked and an audible alarm will sound. Only by entering the Secondary Reset Code (*567 or equivalent) will access be granted in this situation.

Recommended Monthly Testing

Fire Alarm Release Feature Test

Place the fire alarm system into the alarm mode and verify that all locks release. The 135DE Exit Panels should be in the fire alarm release alarm condition.

Recommended Annual Service

Battery Replacement

The battery should be replaced annually with a rechargeable 9VDC NI-MH battery (Secure Care Part # B15360501).

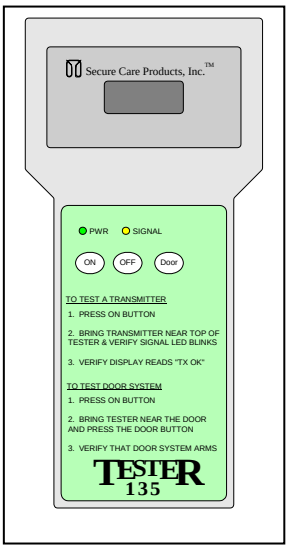
Using a Transmitter/System Tester

Testing a Transmitter Using the 135 Tester:

1. Press the ON button.
2. Bring the transmitter near the top of the Tester and verify the signal LED blinks.
3. Verify the display reads “TX OK”.

Testing a Door System Using the 135 Tester:

1. Press the ON button.
2. Bring the tester near the door and press the DOOR button.
3. Verify the door system arms (if the door is closed) or alarms (if the door is open).



Symptom 1: LED's on the 135DE Exit Panel are off and system does not alarm.

Potential causes and corrective actions:

- Power switch on the 135DE Exit Panel is in the OFF position.
- Check the power supply for proper output voltage. Verify output voltage is approximately 12VDC.
- Verify that the AC outlet power supply is connected and has an output of 110-120VAC.
- The problem may be in the 135DE Exit Panel. Replace the Exit Panel.

Symptom 2: The 135DE Exit Panel will not reset when the code is entered.

Potential causes and corrective actions:

- The incorrect reset code is being entered into the keypad.
- The Remote Keypad pins may be shorted.
- Initialize the panel programming and try the default reset codes.
- The problem may be in the 135DE Exit Panel. Replace the Exit Panel.

Symptom 3: The 135DE Exit Panel has no range with transmitters present. (Signal LED is NOT flashing or solid with no transmitter in range).

Potential causes and corrective actions:

- Verify that the transmitter being used is not expired or damaged. .
- Verify that the same transmitter works at another exit location.
- Verify that the Exit Panel is set for the proper antenna.
- Verify that the faceplate of the Exit Panel is not damaged.
- The gain setting may not be adjusted properly. Adjust the gain and retest (Do NOT over adjust the gain).
- The problem may be in the 135DE Exit Panel. Replace the Exit Panel.

Symptom 4: The 135DE Exit Panel will not alarm when a monitored transmitter goes through the door.

- Check the magnetic door contact for proper operation - open loop when door is open and closed loop when door is closed.
- Verify that the transmitter is not expired. .
- The gain setting may not be adjusted properly. Adjust the gain and retest (Do NOT over adjust the gain).
- RF interference may be affecting performance. Locate the source of the interference and remove or filter it.
- There may be a problem with the Push Button interface. The Push Button input may be shorted. Disconnect any wires connected to the Push Button input and retest.

Symptom 5: The 135DE Exit Panel has a flickering or solid yellow signal LED when no transmitter is present.

Potential causes and corrective actions:

- RF interference may be affecting performance. Locate the source of the interference and remove or filter it.
- Verify that no other transmitters are within adjusted range of door location.
- Verify that all unapplied transmitters are stored in appropriate metal containers.

Symptom 6: The Nurse Station Annunciator is alarming constantly, but the 135DE Exit Panel is NOT in alarm.

- Reverse the wire conductors in AUX relay connector for the Nurse Station on the back of the panel. If the problem persists, disconnect the Nurse Station wire from the back of the Nurse Station. If the Nurse Station stops alarming, check the wire for shorts and replace the wire run from the exit location to the Nurse Station location.
- The problem is in the Nurse Station. Replace the Nurse Station panel.

Symptom 7: The 135DE alarms when a monitored transmitter approaches the door. (The door is NOT open when this occurs.)

Potential causes and corrective actions:

- The door may not be physically closing completely, leaving a gap too large for the magnetic contacts to activate.
- Visually inspect the magnetic contacts for damage. If damage is found, replace the magnetic contacts.
- Verify that the magnetic door contacts are installed on the door and door frame. (Has the door or frame been replaced and contacts were not re-installed?)

Symptom 8: When a monitored transmitter approaches the door, the red LED turns on and the door locks but three seconds later the panel starts to beep rapidly. The lock releases twelve or twenty-seven seconds later.

Potential causes and corrective actions:

- The panel is going into delayed egress mode because the micro-switch in the magnetic lock has been activated. Make sure the door is completely closed and latched.
- The lock has been installed or adjusted incorrectly. Proper alignment of the lock during installation is very important. If the lock is not aligned properly, the delayed egress switch may activate the delayed egress.
- Test the delayed egress switch with a multi-meter. The switch should open and close as the switch is depressed and released.
- There may be a problem with the lock armature alignment. Verify proper installation of all appropriate hardware.

Symptom 9: When a monitored transmitter approaches the door, the red LED turns on and the door locks but delayed egress can NOT be activated.

Potential causes and corrective actions:

- Verify the wiring of delayed egress switches. The switches should be wired in parallel.
- Verify that the lock is installed and adjusted properly. Improper alignment of the lock and armature can cause this problem.
- Test the delayed egress switches for proper operation. The switch should open and close as the switch is depressed and released.
- Disconnect the delayed egress switches from the panel. Apply a short on the input connection for three seconds. The panel should respond with rapid beeping and release the lock within twelve or twenty-seven seconds.
- If the problem persists, the problem may be in the 135DE Exit panel. Replace the Exit Panel. If the problem does not go away, the problem resides within the wiring or lock(s).

Symptom 10: When a monitored transmitter approaches the door, the red LED turns on but the door does NOT lock. (No audible alarm exists and the door has not opened.)

Potential causes and corrective actions:

- The door is not fully closed. Pull the door closed and retest.
- Loss of lock power. Verify the lock power is plugged in to a working 110-120VAC outlet. Verify that the output power from the power supply is approximately 12VDC.
- Check the lock relays on the Exit Panel using a multi-meter. The relay should be open with no transmitter present, and closed with transmitter present.
- Verify proper wiring of lock power. Break one leg of lock power through the lock relay on the Exit Panel.
- The problem may be in the lock. Replace the lock.

Symptom 11: The 135DE Exit Panel is beeping at one second intervals when a monitored resident is within range of the door and the lock will NOT lock.

Potential causes and corrective actions:

- There may be a problem with the fire alarm relay in the fire alarm control panel. Verify that the 135DE Exit Panel is connected to the proper fire alarm relay NO or NC.
- The Fire alarm system has been activated into an alarm condition. Remove the fire alarm wire from the 135DE Exit Panel. The beeping should stop. If the beeping continues, replace the 135DE Exit Panel. If the beeping stops, replace the fire alarm wire.
- If multiple Exit Panels are connected to an individual fire alarm relay, all panels must be turned on and wire polarity must be identical on all panel connections.

Symptom 12: The 135DE Exit Panel does not release the lock when the fire alarm system is activated.

Potential causes and corrective actions:

- The fire alarm relay is not connected or not working properly.
- There is a possible open circuit in the fire alarm interface. Disconnect the fire alarm wire from the fire alarm relay and the 135DE Exit Panel. Test the cable for an open circuit. If no open is found, test the fire alarm test the fire alarm interface on the 135DE Exit Panel. Provide a short on the panel interface input. The door should release and the Exit panel should beep.
- Verify that the 135DE Exit Panel is programmed for the proper fire alarm relay, NO or NC.

Symptom 13: The Remote Keypad with the 135DE Exit Panel does not work. (All functions of the 135DE integrated keypad work properly.

Potential causes and corrective actions:

- Verify proper wiring and connections to the Remote Keypad from the Exit Panel.
- Reverse the connection of the ribbon cable on the Remote Keypad.
- There may be a broken or shorted keypad connector. Inspect the connector on the Remote Keypad and the 135DE Exit Panel.
- There may be a broken or loose conductor in the ribbon cable. Test each conductor for continuity.
- There may be a bad Remote Keypad button. Replace the Keypad.

Symptom 14: The 135DE Exit Panel does not lock out the elevator when the Exit Panel is in alarm and the elevator door is open.

Potential causes and corrective actions:

- Verify that wiring to the elevator control is connected in the Exit Panel.
- Remove the wire from the elevator interface connectors, Test for open and close. The relay should be open with no alarm present and closed when there is an alarm present.
- If the relay tests OK, the problem is within the wire run to the elevator controls or in the elevator contols.
- If the relay does not work properly, replace the 135DE Exit Panel.

Symptom 15: The 135DE Exit Panel is operating properly but the PM program does not seem to be working, The Exit Panel does not arm at the programmed time.

Potential causes and corrective actions:

- The Exit panel programming has been initialized and all memory has been erased. Reprogram and enable this feature.
- The Exit Panel programming has been turned off. Refer to the programming section in this manual to enable this feature.
- The Exit Panel has been programmed incorrectly. Reprogram for the correct times.
- Reprogram the Exit Panel for change in Daylight Savings Time.

Symptom 16: The 135DE Exit Panel is in PM mode and armed, but when the door is opened, the alarm does NOT sound.

- Check the magnetic door contacts for proper operation.: Open loop when the door is open and closed loop when door is closed.
- If the magnetic contacts are working properly, replace the 135DE Exit Panel. .

Symptom 17: The 135DE Exit Panel has been working properly. Now the system seems to have short range.

- There may be a loose or broken antenna inside the Exit Panel. Inspect for physical damage to the Exit Panel faceplate. Replace the Exit Panel.
- Verify that the gain adjustment has not been changed. Readjust the gain for proper performance. .

SECTION 13 GENERAL PRODUCT WARRANTY STATEMENT

SECURE CARE PRODUCTS, INC.
GENERAL PRODUCT WARRANTY STATEMENT

BY PERMITTING INSTALLATION OR BY MAKING USE OF ANY PRODUCT OR SERVICE DESIGNED OR MANUFACTURED BY SECURE CARE PRODUCTS, INC. ("SECURE CARE") (INCLUDING SUPPORT SERVICES, MAINTAINED SOFTWARE AND MAJOR RELEASES, WHETHER OR NOT IT IS COVERED BY ANY SOFTWARE MAINTENANCE OR LICENSE AGREEMENT) ("THIS PRODUCT"), YOU ACKNOWLEDGE THAT YOU HAVE READ ALL THE TERMS AND CONDITIONS OF THIS GENERAL PRODUCT WARRANTY STATEMENT, THAT YOU UNDERSTAND THEM, AND THAT YOU AGREE TO BE BOUND BY THEM. YOU UNDERSTAND THAT, IF YOU PURCHASED THIS PRODUCT FROM ANY AUTHORIZED DISTRIBUTOR OF SECURE CARE, THAT DISTRIBUTOR IS NOT SECURE CARE'S AGENT AND IS NOT AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTIES OR TO AGREE TO ANY TERMS OR CONDITIONS WHICH ARE DIFFERENT FROM ANYTHING EXPRESSLY SET FORTH IN THIS GENERAL PRODUCT WARRANTY STATEMENT.

If you do not agree to the terms and conditions of this General Product Warranty Statement, do not permit the installation or make use of this Product and promptly return this Product to the place where you obtained it for a full refund. If you have any difficulty obtaining a refund, please contact Secure Care at the telephone number provided in Section 2.B below.

1. Notices

A. ALL LOCKS USED WITH THE SECURE CARE SYSTEM ARE DESIGNED, MANUFACTURED, LABELED AND DELIVERED SOLELY BY AN INDEPENDENT VENDOR OVER WHOM SECURE CARE HAS NO CONTROL AND FOR WHOSE ACTIONS OR FAILURES TO ACT SECURE CARE DISCLAIMS ALL RESPONSIBILITY. REGARDLESS OF WHETHER THE LOCKS CARRY SECURE CARE'S LOGO OR NAME OR ANY OTHER TRADEMARK, SERVICE MARK OR TRADE NAME USED OR CLAIMED BY SECURE CARE, SECURE CARE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE LOCKS AND/OR THEIR USE WITH OR OPERATION IN THE SECURE CARE SYSTEM, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND/OR NON-INFRINGEMENT. SECURE CARE ALSO DISCLAIMS ALL OBLIGATIONS WITH RESPECT TO THE LOCKS AND/OR THEIR USE WITH OR OPERATION IN THE SECURE CARE SYSTEM THAT MIGHT OTHERWISE ARISE OR BE IMPLIED FROM THE FACT THAT SUCH LOCKS CARRY SECURE CARE'S LOGO OR NAME OR ANY OTHER TRADEMARK, SERVICE MARK OR TRADE NAME USED OR CLAIMED BY SECURE CARE OR FROM THE DELIVERY OR INSTALLATION OF THE LOCKS WITH SECURE CARE SOFTWARE, PARTS AND/OR PRODUCTS OR FROM A COURSE OF DEALING OR USAGE IN TRADE. ALL RESPONSIBILITY FOR DESIGNING, MANUFACTURING, LABELING AND WARNING OF HIDDEN DEFECTS OR DANGERS IN THE LOCKS AND/OR THEIR USE WITH AND OPERATION IN THE SECURE CARE SYSTEM RESTS EXCLUSIVELY WITH THE INDEPENDENT VENDOR, AND ANY CLAIMS, COSTS, DAMAGES OR LIABILITIES ARISING FROM THE LOCKS AND/OR THEIR USE WITH OR OPERATION IN THE SECURE CARE SYSTEM SHALL BE MADE SOLELY AGAINST THE INDEPENDENT VENDOR.

B. IF YOU PURCHASE COMPUTER HARDWARE THROUGH SECURE CARE AND REQUEST THAT SECURE CARE SOFTWARE BE INSTALLED AND TESTED ON THAT HARDWARE AT THE FACTORY, SECURE CARE WARRANTS ONLY THAT THE HARDWARE AND THE SOFTWARE PACKAGES WERE INSTALLED, SET-UP AND TESTED PRIOR TO SHIPMENT IN ACCORDANCE WITH ALL SECURE CARE PRODUCT MANUALS AND THAT, AT THE TIME THE HARDWARE AND THE SOFTWARE PACKAGES WERE FINALLY INSPECTED AT THE FACTORY, THEY WERE PERFORMING (SUBJECT TO SECURE CARE'S SPECIFIED TOLERANCES) IN ACCORDANCE WITH SECURE CARE'S SPECIFICATIONS. SECURE CARE WILL NOT BE RESPONSIBLE FOR ANY DEFECTS IN OR PROBLEMS CAUSED BY THE HARDWARE, ALL CLAIMS FOR WHICH MUST BE MADE TO THE HARDWARE MANUFACTURER AND/OR VENDOR. SECURE CARE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE HARDWARE AND/OR ITS USE WITH OR OPERATION IN THE SECURE CARE SYSTEM, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND/OR NON-INFRINGEMENT. SECURE CARE ALSO DISCLAIMS ALL OBLIGATIONS WITH RESPECT TO THE HARDWARE AND/OR ITS USE WITH OR OPERATION IN THE SECURE CARE SYSTEM THAT MIGHT OTHERWISE ARISE OR BE IMPLIED FROM THE FACT THAT SUCH HARDWARE CARRIES SECURE CARE'S LOGO OR NAME OR ANY OTHER TRADEMARK, SERVICE MARK

OR TRADE NAME USED OR CLAIMED BY SECURE CARE OR FROM THE DELIVERY OR INSTALLATION OF THE HARDWARE WITH SECURE CARE SOFTWARE, PARTS AND/OR PRODUCTS OR FROM A COURSE OF DEALING OR USAGE IN TRADE. ALL RESPONSIBILITY FOR DESIGNING, MANUFACTURING, LABELING AND WARNING OF HIDDEN DEFECTS OR DANGERS IN THE HARDWARE AND/OR ITS USE WITH AND OPERATION IN THE SECURE CARE SYSTEM RESTS EXCLUSIVELY WITH THE HARDWARE MANUFACTURER AND/OR VENDOR, AND ANY CLAIMS, COSTS, DAMAGES OR LIABILITIES ARISING FROM THE HARDWARE AND/OR ITS USE WITH OR OPERATION IN THE SECURE CARE SYSTEM SHALL BE MADE SOLELY AGAINST THE HARDWARE MANUFACTURER AND/OR VENDOR.

C. Secure Care's software, parts and products are designed for operation in a wireless system. However, the range, performance, and predictability of any wireless system, including Secure Care's, is dependent on several factors, including, but not limited to, the following: building structure; environmental extremes (e.g., temperature, earth tremors, air pollution, etc.); the proximity of other wireless devices; the presence of variable speed products; sources of Radio Frequency Interference (RFI); physical orientation and positioning of the equipment; and sources of Electro Static Discharge ("ESD"). Secure Care cannot be responsible for the effect of these types of factors on operation of its software, parts and products.

D. This Product must be installed, set-up, tested, supported, operated, maintained, repaired and used only in accordance with all manuals and instructions (including the user, installation, technical and other manuals) issued by Secure Care (the "Product Manuals"). It is your responsibility to assure that any person who might be installing, setting-up, testing, supporting, maintaining or repairing this Product knows the contents of and has access to the Product Manuals and has successfully completed Secure Care technical training. It is also your responsibility to assure that any person who might be operating or using this Product knows the contents of and has access to the Product Manuals and has successfully completed Secure Care in-service training. If you do not have the Product Manuals or if you have any questions regarding this Product and/or its installation, set-up, testing, support, operation, maintenance, repair or use, please call Secure Care at the telephone number provided in section 2.B below. Secure Care cannot be responsible for performance problems caused by a failure to follow published and appropriate procedures for installation, set-up, testing, support, operation, maintenance, repair and use.

All adjustable features on new and repaired Secure Care software, parts and products are shipped with "factory default" settings. These "factory default" settings may not comply with building and life safety codes or other applicable laws and regulations in the location where they are installed or operated. Secure Care strongly recommends, therefore, that the settings on all Secure Care software, parts and products be checked and, if necessary, reset to comply with local building and life safety codes and other applicable laws and regulations at the time of any installation, set-up, testing, support, maintenance or repair.

E. Secure Care's system is driven by software. However, the performance and reliability of any software-driven system depends on adequately maintaining the recommended minimum configuration of computing platform, operating systems and applications programs and on regularly performing industry-standard and application-specific backup processes. If recommended minimum configurations of computing platform, operating systems, and applications programs are not adequately maintained, or if appropriate backups are not regularly performed, the software may not drive the system as intended. Secure Care cannot be responsible for operational problems caused by a failure to perform these maintenance and backup procedures.

F. Secure Care does not authorize, and strongly recommends against, any installation or field replacement of software, parts or products by untrained contractors or facility staff. Such work can be hazardous, can render the system ineffective and will void any Secure Care warranty or liability that might otherwise relate to the system.

Before any software, parts or products, which have been designed and manufactured by Secure Care can be safely installed, set-up, tested, supported, maintained or repaired, technical training in accordance with standards established by Secure Care is required. Regardless of how Secure Care's software, parts or products are obtained, they should not be installed, set-up, tested, supported, maintained or repaired by any person who has not satisfactorily completed that technical training (a "qualified service technician".) When Secure Care's software, parts or products are sold separately from installation services, it is assumed that only a qualified service technician will conduct any installation, set-up, testing, support, maintenance or repair involving that software, part or products.

G. It is important that any installation, set-up, testing, support, operation, maintenance, repair or use involving the system comply with all local and national electrical and life safety codes. If you have any questions about compliance with those codes, please contact your local authorities.

H. Secure Care receives and responds to telephone and dial-in inquires (the "Help Line") about its software, parts and products for the purpose of discussing users' experiences with Secure Care's system, helping users better understand how their systems work, and providing ideas about what may be causing difficulties. However, Secure Care cannot accurately diagnose the cause of any problems or give complete instructions on how to fix problems over the telephone or Internet. The only way to assure that software, parts or products are installed, set-up, tested, supported, maintained or repaired correctly or that a Secure Care system is functioning properly is to have it examined on site by a qualified service technician. In addition, Secure Care software, parts and products cannot be operated or used correctly by anyone who has not successfully completed Secure Care in-service training. Secure Care's Help Line is not a substitute for on-site diagnosis and servicing by a qualified service technician or for successful completion of Secure Care in-service training. Secure Care strongly recommends that any installation, set-up, testing, support, replacement, maintenance or repair of a system that is performed by a person who has not satisfactorily completed technical training in accordance with standards established by Secure Care be immediately checked on-site by a person who has completed that technical training.

WARNING: EVEN SLIGHT MODIFICATIONS TO THE SYSTEM OR CHANGES IN THE OPERATING ENVIRONMENT MAY CAUSE SECURE CARE'S SYSTEM TO MALFUNCTION. THE ONLY WAY TO ASSURE THAT SECURE CARE'S SYSTEM HAS BEEN INSTALLED, SET-UP, TESTED, SUPPORTED, MAINTAINED, AND REPAIRED CORRECTLY IS TO HAVE A QUALIFIED SERVICE TECHNICIAN DO THE WORK.

I. Secure Care's software, parts and products have been designed to augment a facility's reasonable procedures for protecting residents, patients, and infants. However, no system or combination of procedures and equipment can eliminate all risk or assure complete security. Secure Care's system is not intended as a substitute for the careful identification and monitoring of residents, patients, and infants by a facility's professional staff.

2. Limited Warranty

A. Subject to the limitations set forth in this general product warranty statement (as amended from time to time by Secure Care in its absolute discretion), and unless a different period is specified in writing by Secure Care for a particular product or service, Secure Care warrants that this product (subject to Secure Care's specified tolerances and excluding any expendable items), if sold by Secure Care to an authorized Secure Care distributor, shall conform to the specifications which accompany this product for a period of one (1) year from the date of delivery of this product by Secure Care to a common carrier, f.o.b. Secure Care's manufacturing facility in Concord, New Hampshire or, in the case of services, from the date of first provision of such services. This warranty does not extend to and is not for the benefit of any person other than an authorized Secure Care distributor who purchases this product from Secure Care, any sub-distributor thereof and/or the customer to whom this product is first provided for use, by Secure Care, an authorized Secure Care distributor or any sub-distributor thereof. In the event that this product does not comply with this warranty, Secure Care will, at its option, either repair or replace this product or refund the purchase price, provided that this product is returned as provided in section 2.b below. Replacement of this product under warranty will not extend the original warranty period.

Secure Care will also, at its option, either repair or replace this Product after the warranty has expired, for an additional charge, provided that this Product is returned as provided in Section 2.B below. If Secure Care repairs or replaces this Product after the warranty has expired, the terms of the warranty set forth in this Section 2.A for a new Product will apply to the repaired or replaced Product, with the exception that the term will run for ninety (90) days from the date of repair or replacement.

Repair may include the replacement of parts and products with functionally equivalent, reconditioned parts or products. Any part or product replaced by Secure Care will become the property of Secure Care upon replacement.

B. Warranty service is available by contacting Secure Care at 800-451-7917 and obtaining a Return Authorization Number. No Product may be returned to Secure Care without first obtaining a Return Authorization Number. When this Product is returned to Secure Care, please include the Return Authorization Number and a detailed written description of the problem. Issuance of a Return Authorization Number by Secure Care will not constitute an admission that there is a problem with the Product being returned, that any problem is covered by warranty or that Secure Care has any responsibility to repair, replace, make refunds for or pay claims, costs, damages or liabilities connected with the Product being returned.

NOTE: Transmitters are not repaired, nor is the warranty extended, beyond the expiration date.

If this Product is returned to Secure Care for any reason, you will retain title (unless and until a part or product is replaced, in which case you will obtain title to the replacement part or product at the time of replacement), the risk of loss, and the obligation to pay all costs of shipping, storage and other charges and obligations relating to this Product.

C. Except as stated in this section 2, Secure Care disclaims all warranties, express or implied, with respect to the whole or any part of this product, including, without limitation, all implied warranties of merchantability, fitness for a particular purpose, title and/or non-infringement. Secure Care also disclaims all obligations that might otherwise arise or be implied from a course of dealing or usage in trade.

3. Limitations of Liability

A. Regardless of the form of any claim or action, Secure Care's total liability to all persons, whether singly or together, for all occurrences combined, for claims, costs, damages or liabilities based on any cause whatsoever and arising from or in connection with this product, or the manufacture, distribution, promotion, sale, installation, set-up, testing, support, maintenance, operation, servicing, use or performance of this product, or from or in connection with any delay or failure in providing this product, shall not exceed the aggregate price (without interest) paid to Secure Care for this product.

B. In no event shall Secure Care be liable to anyone for any loss of data, loss of profits or loss of use of this product or any equipment, or for any special, incidental, consequential, exemplary, punitive, multiple, or other damages, arising from or in connection with the manufacture, distribution, promotion, sale, installation, set-up, testing, support, maintenance, operation, servicing, use or performance of this product or from or in connection with any delay or failure in providing or delivering this product.

C. In no event shall Secure Care be liable to anyone for any claims, costs, damages or liabilities caused by: (i) any distributor's failure to perform its obligations and responsibilities under a distributor agreement with Secure Care; (ii) improper or defective promotion, distribution, sale, installation, set-up, testing, support, maintenance or repair of this product, including work performed, without Secure Care's prior written consent in its absolute discretion, by a person who has not satisfactorily completed Secure Care technical training, or in a manner not consistent with Secure Care technical training; (iii) improper or defective operation or use of this product by a person who has not successfully completed Secure Care in-service training, or in a manner not consistent with Secure Care in-service training; (iv) supply of this product by a distributor for use in, or the use of this product in, any system or configuration not designed to Secure Care standards or in which a distributor or any third party has substituted materials and/or goods not specified by Secure Care; or (v) deterioration of this product during storage.

D. You agree to indemnify and hold Secure Care harmless from all claims, costs, damages and liabilities asserted by anyone for any damages that are excluded and waived, or are intended to be excluded and waived, by this section 3, or which are imposed by law on behalf of anyone but which are not expressly stated in this general product warranty statement.

E. The exclusions, waivers and limitations on claims, costs, damages and liabilities and any rights of indemnification set forth in this Section 3 shall be enforceable to the maximum extent allowed by law and shall not be expanded or negated in any respect by Secure Care's operation of a "help line" to receive and respond to telephone or dial-in inquires about this product, by any communications through that "help line" or by any actions taken by anyone following communications with Secure Care over such "help line."

4. Governing Law and Arbitration

A. This General Product Warranty Statement, and all questions arising out of or relating to it, shall be governed by and construed in accordance with the laws of the State of New Hampshire, without giving effect to the conflict of laws provisions thereof, and excluding the United Nations Convention on contracts for the international sale of goods, the 1974 convention on the limitation period on the international sale of goods (the "1974 convention"), and the protocol amending the 1974 convention, done at Vienna April 11, 1980.

B. Any dispute, controversy or claim arising out of or relating to this general product warranty statement shall be resolved by arbitration. Regardless of the amount in dispute, the arbitration shall be conducted by a single arbitrator selected by the parties or, if they cannot agree, by a single arbitrator selected in accordance with the commercial arbitration rules of the American Arbitration Association without regard to the amount in dispute. The arbitration shall be conducted in English, in accordance with the commercial arbitration rules of the American Arbitration Association, in Concord, New Hampshire. The decision of the arbitrator shall be binding and enforceable by any state or federal court in New Hampshire, and you hereby consent to the personal jurisdiction of any state or federal court in New Hampshire for that purpose. The expense of the arbitration (excluding each side's own attorneys' fees, costs, and related expenses) shall initially be paid in

equal shares by each side, but the total of such expenses plus any award of attorneys' fees, cost and expenses shall finally be paid by the parties as the arbitrator determines. Nothing in this section 4.b shall preclude Secure Care from seeking provisional or equitable relief from any appropriate court to protect its rights prior to, pending or in the absence of such arbitration proceedings.

5. Severability

The invalidity or unenforceability of any provision of this General Product Warranty Statement shall not affect the validity or enforceability of any other provision hereof.

6. Waiver

No term or condition of this General Product Warranty Statement may be waived except in writing signed by Secure Care. A waiver on one or more occasions of any term or condition of this General Product Warranty Statement shall not constitute or be deemed to be a waiver of such term or condition on any other occasion. No delay or failure of Secure Care to exercise any right or remedy under this General Product Warranty Statement will operate as a waiver thereof; no failure to enforce or insist upon compliance with any provision of this General Product Warranty Statement on any one occasion shall be deemed to be a waiver of Secure Care's right to do so on another occasion; and no course of dealing will constitute a waiver, alteration, limitation or expansion of any of the parties' rights and obligations under this General Product Warranty Statement.

Revised 11/16/07

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference and
(2) This device must accept any interference received,
including interference that may cause undesired operation

Canadian RFI Equipment Requirement

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la classe A prescrites dens le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

INFORMATION TO USER

This equipment has been tested to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Secure Care Products, Inc.
Concord, New Hampshire USA

Compliance Information Statement

Conforming Product Name :	**135DE EXIT PANEL**
Conforming Model or Part Number :	**A01350900** **A01350902**
Manufacturer and Responsible Party :	Secure Care Products, Inc. 39 Chenell Drive Concord, New Hampshire 03301 USA

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Michael McHugh
Name of Responsible Person

Director of Engineering .
Company Title or Position

Michael McHugh
Authorized Signature

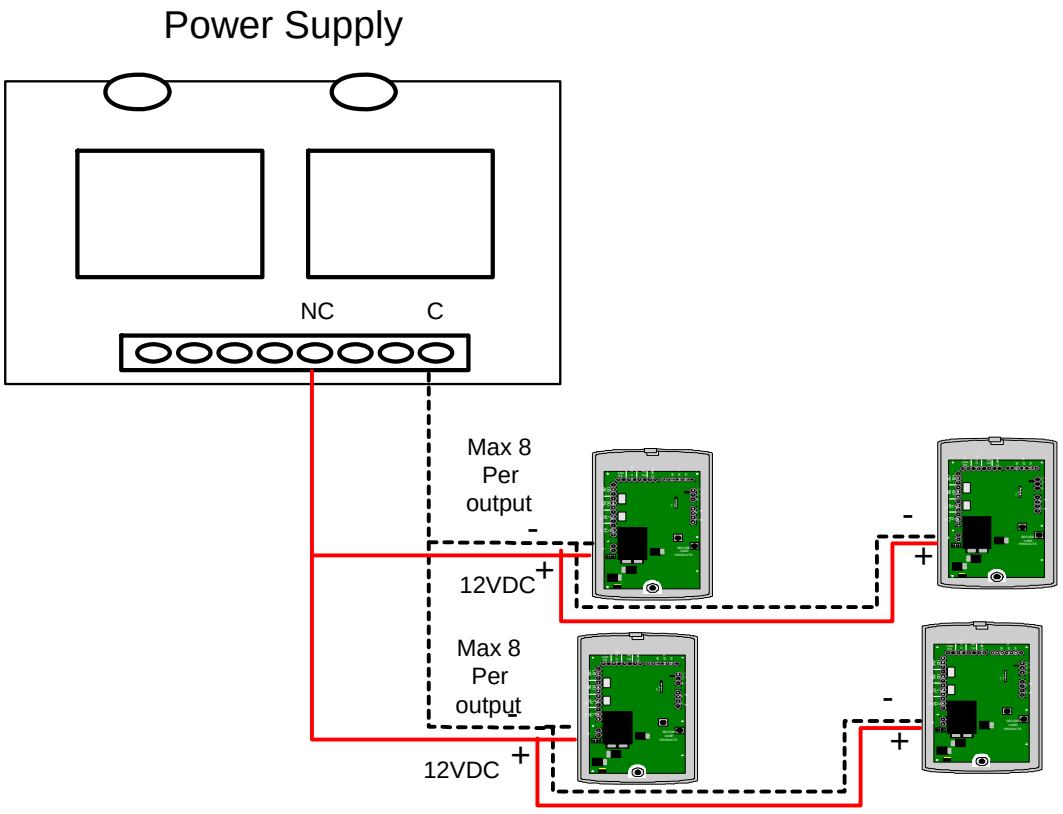
06/28/06
Date:

APPENDIX A UL LISTING REQUIREMENTS

This system has passed all the requirements for UL listing. In order for the system to be listed, exits panels, UL listed wire, strain relieves and knockout holes covers must be used. All the components shipped with the kits and boxes must be used in order for the system to keep its UL Listing.

APPENDIX B 230 VAC INPUT POWER SUPPLY CONNECTION

- Risk of shock
- Dry location use only
- For indoor use only



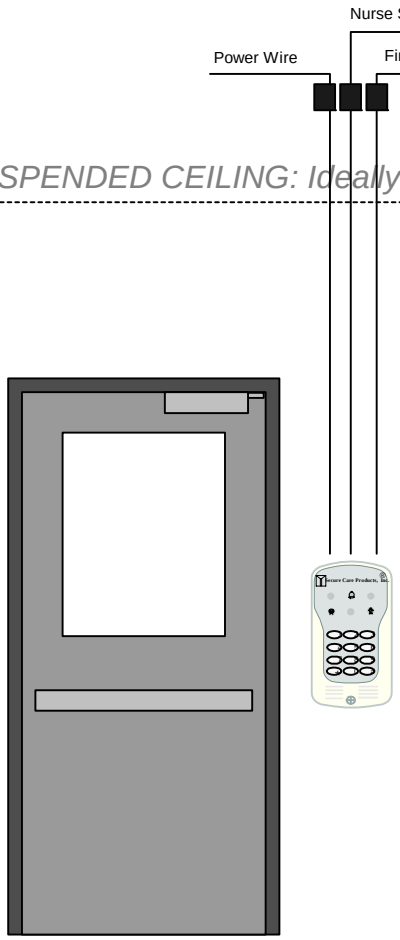
Power Supply for Overseas 230VAC Input Application, Exit Panel Connection

- Up to 32 exits can be connected in a daisy chain using the 12V 5 Amp power supply, a maximum of 8 exits per power loop.
- Exit power wire: 14/2 stranded, unshielded (SCP Part # C60008473)
- Specified power wire is a UL requirement. Failure to use this wire removes UL listing.
- When using the SCP power supply, Part # C40000600, verify the voltage setting is at 12V.
- The power distribution board is SCP Part # C40006008.
- For detailed connections and installation please refer to manufacturer's documentation

Recommended Ferrite Placement

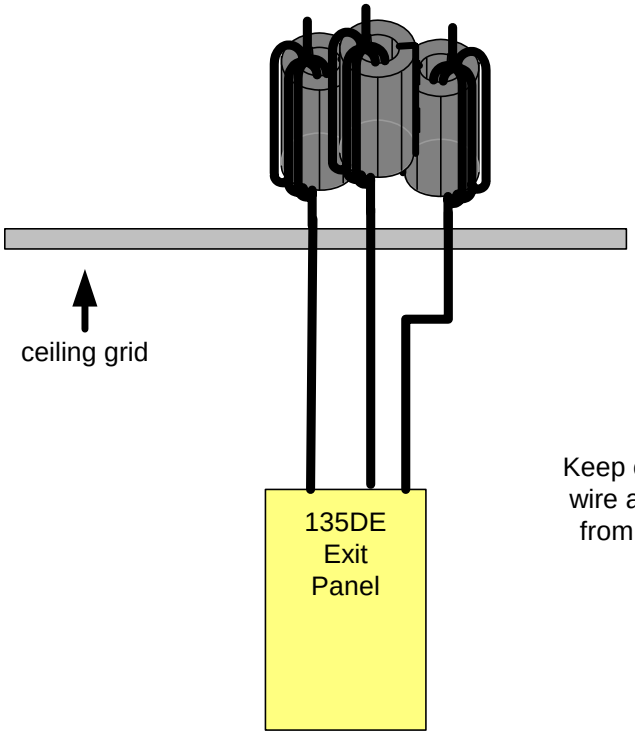
Each 135DE Exit Kit ships with two big ferrites and one small ferrite. Install ferrites on all fire, nurse, and power wires.

Ideally there should be about 3-4 feet distance from the exit to the ferrite (above suspended ceiling tiles). Ferrites must be parallel to each other on the wires as shown in the drawings down below, not staggered. If in conduit, install a junction box above the ceiling to install the ferrites. See next page for the correct and incorrect way to install the ferrites.



If more than one ferrite is needed install them in parallel as shown in the picture. The wire should be wrapped around the ferrite as many times as possible

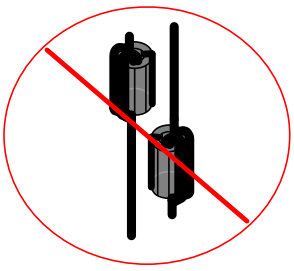
Correct and Incorrect Ferrite Installation

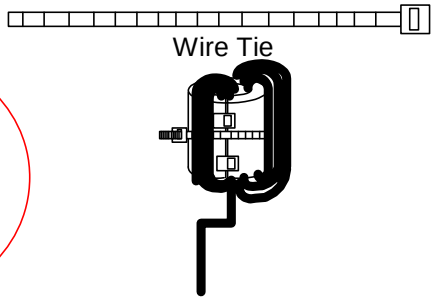


Install ferrites at least 3 feet away from panel. or just above ceiling.
Loop the wire through ferrite as may times as possible.
Install ferrites all at the same location grouping them together.
Install ferrites on all wires

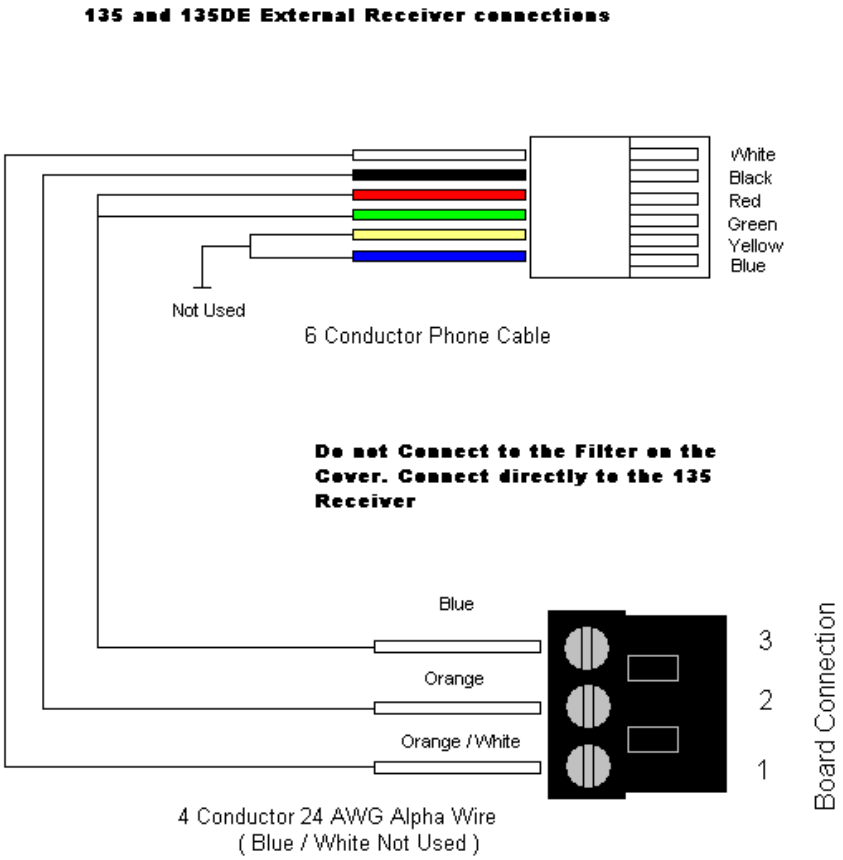
Keep other building wire at least 1 foot from panel wires

Incorrect method.
noise will jump from the other cable onto cable after ferrite.





After the wires are wound into the Ferrite use a wire tie to secure tightly, this will help reduce noise



ID, 135DE, and 135 External Receiver Connection