

Fire Egress Lighting Control DSC-003

Application

The security system will trigger designated light(s) to turn on following the fire alarm condition.

Benefit

To provide lighting during a fire alarm, enhancing life safety and increase ease of egress from premises.

To assist in upselling monitored smoke detectors to clients.

Equipment Required:

- Appropriate alarm panel with 5580 Escort Module;
- X-10 PRO PSC04 Powerline Interface;
- X-10 PRO Lamp Receiver (XPD3, XPDI3, XPS3, XPFM, XPDF, PLM, and/or PLW);
- Length of 4 conductor telephone cable
See important "Note" in Installation Section below
- Optional, but recommended, XPTT & XPTR Testers to evaluate signal strength within premises;
- PHC01 Mini Controller, essential in your kit, to transmit X-10 codes during final set up and verification of receiver operation

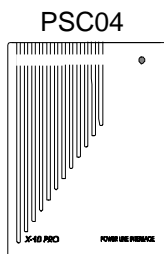
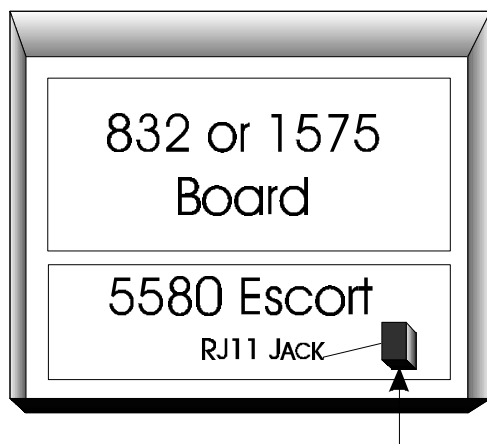
Installation:

Step 1: Locate available AC outlet near panel

Step 2: Plug PSC04 into outlet, connect phone cord between Escort 5580 and PSC04 Powerline Interface;

Note: The PSC04's red LED will be illuminated in its idle state if the interconnecting cord is the correct one. If the LED does not illuminate when the 5580 is connected to the PSC04, then the phone cord is likely the wrong type.

Step 3: Follow installation instructions for **X-10 PRO** Light Receivers supplied with respective switch



Things to watch for:

- Do premises require either a Passive Phase Coupler, Coupler Repeater, or Blocking Coupler Filter?
- Sources of AC electrical noise to determine whether any filters (XPPF) may be required: i.e.- Baby Monitors, PC's, Lap Top PC's, TV's, refrigeration units, etc.

NOTE: Be advised that X-10 PRO equipment uses the building's own wiring to communicate, therefore an *unpolluted* electrical environment is essential. Specific knowledge and training are required to design and install X10 PRO systems. Should questions arise, please contact your local X-10 PRO Regional Manager or X-10 PRO's Technical Support at 1-800-832-4003.

It is understood that the choice of components is not to be relied upon as final and is provided for informational purposes only. The user acknowledges that the application of any X-10 PRO equipment should be performed by trained installers adhering to all electrical codes, principally due to the fact each electrical system they encounter is unique and performance may be different at each site. Nothing contained herein is to be construed as creating any liability or engineering responsibility from X-10 PRO and its staff. See instruction sheets supplied with each product for more specific application and wiring information.

DSC 832 & Escort 5580 Programming Information:

The Bare Essentials

Refer to DSC PC5010 Programming Worksheet Booklet, to configure the PGM for the event which the X-10 PRO device will follow:

- Ensure all connections are correct and all other security system programming is complete;
- In this example it is assumed that you are utilising the first available PGM (PGM3) for an X-10 device to follow, (however you could select any PGM between PGM3 & 14)
- Select PC5010 Programming Section [010]
- Enter 10 (this will configure PGM3 for latched system event)
- Press “#” to exit Section [010]
- NOTE - Refer to Section [143] and disable all attribute except attribute #2 (this will configure PGM3 to activate on fire only).

Refer to Escort 5580 Installation Manual, for details regarding programming the Escort 5580 to control X-10 PRO device(s):

- Refer to Section [002], Option 03 must be “On” to enable home automation
- In this example you are programming Automation Item 01, therefore Section [130] would be programmed with [080] which corresponds to X-10 Address “F1” (as shown in Appendix B) and the suggested address on the X-10 PRO switch controlling egress lighting should be set to House Code “F” and Unit Number “1”
- Section [131] must have Option 01 “On” to enable the automation item
- Section [134] must be programmed as [01], to enable PC5010 output control
- Section [401] must be programmed as 03 for the Automation Item to follow PGM3