

## Garage Door Control w/Keyfob DSC-007

### Application

The security system keyfob will trigger garage door to open & close

### Benefit

To provide additional functional control with DSC's 900MHz keyfob

To assist in upselling panel remote control capabilities to clients.

### Equipment Required:

- Appropriate alarm panel with 5580 Escort Module;
- X-10 PRO PSC04 Powerline Interface;
- X-10 PRO Universal Module Receiver (PUM01)  
(Set switches to Momentary and Relay Only);
- Length of 4 conductor telephone cable  
See important "Note" in Installation Section below
- Optional, but highly recommended, XPTT & XPTR Testers to enable evaluation of X-10 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

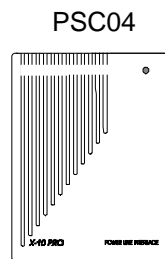
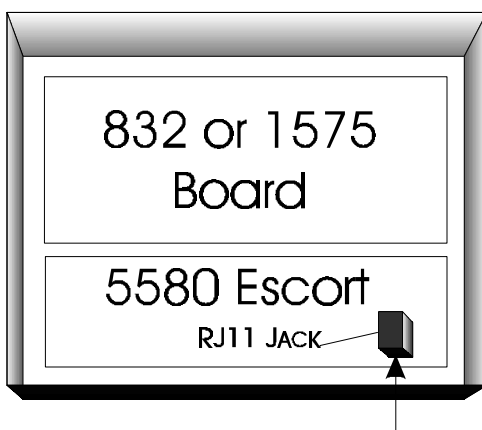
### Installation:

**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. The LED will blink "Off" when the PSC04 is transmitting signals onto the power line and return to its idle "On" state when transmissions are complete.*

**Step 3:** Install X-10 Pro Receiver as per the supplied instructions.



### 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 X-10 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:**

**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 utilizing 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 03 (this will configure PGM3 for sensor reset)
- Press “#” to exit Section [010]
- NOTE - Refer to Section [143] if you wish to have a particular Partition control this event

**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 [000] which corresponds to X-10 Address “A1” (as shown in Appendix B) and the suggested address on the X-10 PRO PUM01 Universal Module controlling Garage Door Opener should be set to House Code “A” and Unit Number “1”
- Section [131] must have Option 01 “On” to enable the automation item
- Section [131] Option 06 may optionally be “On” if the Automation Item is to be turned on for a pre-programmed time (selectable from 1 to 255 seconds), the time is programmed in Section [301]; if not, the Automation Item will simply follow the sensor reset pulse time (5 seconds is *Default*)
- 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

**Refer to PC5132-RS (Version 2.1) Installation Manual for details regarding programming function keys to control X-10 PRO devices via the Escort 5580:**

- Refer to Section[804], Keyfob Serial Numbers are entered from Section[41] to [56]
- In this example Button 4 (Function Key 4) will control the X-10 PRO device; Program Section[68] with “14” to assign this function to Partition 1 or program Section [72] with “14” to assign this function to Partition 2.
- Assign the Keyfob(s) to a Partition in Sections [91] & [92]