

## Time Schedule Lighting Control DSC-004

### Application

The security system will trigger designated circuit(s) to be activated or de-activated based upon a programmable time schedule

### Benefit

To provide specified lighting control in and around a home, thereby enhancing total security with the "lived-in look"

Scheduled control of central heat/cooling systems for energy management and comfort

### Equipment Required:

- Appropriate alarm panel with 5580 Escort Module;
- X-10 PRO** PSC04 Powerline Interface;
- Appropriate **X-10 PRO** Lamp Receiver(s) (XPD3, XPDI3, XPS3, XPFM, XPDF, PLM, and/or PLW);
- Length of 4 conductor telephone cable;  
*See important "Note" in Installation Section below*
- Optional, but highly recommended, XPTT & XPTR Testers to evaluate 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

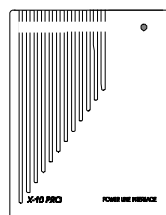
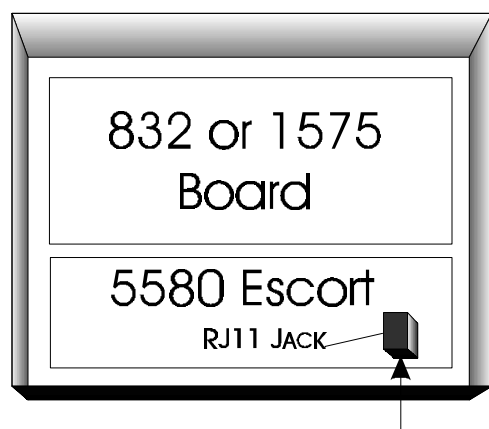
### Installation:

**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 Receivers as per their 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:**

### **The Bare Essentials**

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
- Refer to “Automation Schedules” in the Automation Programming Section. In this example you are programming Schedule 1 (however you could select any Schedules between 1 and 16 - remember, any X-10 PRO device can be controlled by any one Time Schedule or combination of Time Schedules)
- In this example you are programming Automation Item 01, therefore Section [130] would be programmed with [176] which corresponds to X-10 address “L1” (as shown in Appendix B). Set the address on the X-10 PRO device controlling specified lighting to House Code “L” and Unit Code “1”
- In Section [030] program the On Time to turn on the X-10 device as you desire.
- In Section [031] program the Off Time to turn off the X-10 device as you desire.
- In Section [032] program the day or days of the week in which automation control is to occur (enable or disable Options 01 to 07 to select Sunday to Saturday)
- Section [131] must have Option 01 “On” to enable the automation item
- Section [132] must have Option 01 enabled to have Schedule 1 control the device
- Section [134] must be programmed as [02], to enable PC5010 output control