

- Motion Activated Light During Specified Time -

Objective

Provide lighting when motion is detected during a specified time period.

Equipment List

- ◆ Apex Destiny 6100 control panel, rev. 8.05 or greater
- ◆ Hardwire Motion Detector
- ◆ X-10 PRO Power Line Interface Module, PSC05
- ◆ X-10 PRO Incandescent Wall Switch Module, PLW01

Sequence of Operation

When motion is detected during a specific time of day period the system will turn on a light and turn it off after a programmed countdown time. If motion is detected again within the timed turn-off period then the light will remain on and the countdown will restart.

System Sequence of Events

- 1) When motion is detected Zone 1 will be activated and the system will speak "Motion Detected".
- 2) Auxiliary Output pin 1 (control channel 34) is linked to Zone 1 and will provide a ground signal to the normally open contact of the on-board relay (Auxiliary Output 8, Control Channel 33) whenever Zone 1 is activated.
- 3) The on-board relay will energize every day during a specified time period and this will allow the ground signal from Auxiliary Output pin 1 to activate Zone 2.
- 4) The X-10 light (Control Channel 35) is linked to Zone 2 and will turn on whenever Zone 2 is activated and remain on until the programmed countdown time is over. If Zone 2 is activated again within the countdown time the light will remain on and the countdown will restart.

Required Programming

Location	Value	Function
4865	097	Enable control channel 33 with off and on time-of-day schedule
4866	127	Enable days of week operation (7 days selected)
4887	008	Auxiliary output 8
9992	33	On time = 2100(9 PM), off time = 0700(7 AM)
4889	001	Enable control channel 34
4911	001	Auxiliary output 1
4913	013	Enable control channel 35 with automatic turn-off and countdown restart
4917	005	On units (minutes)
4934	096	X-10 output signal = A1
0901	009	Zone – control channel link option (open = on, closed = off)
0902	034	Zone – control channel link channel (zone 1, channel 34)
0917	001	Zone – control channel link option (open = on)
0918	035	Zone – control channel link channel (zone 2, channel 35)
9940	01	Zone type = 000, Option 1 = 080, Option 2 = 033, Hardware device = 000, Input = 01
9940	02	Zone type = 011, Option 1 = 000, Option 2 = 001, Hardware device = 000, Input = 02
9920	001	109(Motion), 056(Detected)

Application Diagram

