

### - Visual Confirmation of Arm/Disarm - - Garage Door Open/Close and Open with Lighted Entry -

#### Objective

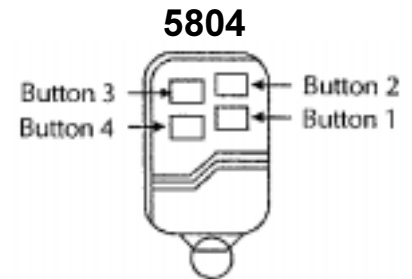
Provide remote arming/disarming with visual confirmation and provide remote garage door opening with automatic lighted entry.

#### Equipment List

- ◆ Apex Destiny 6100 control panel, rev. 8.05 or greater
- ◆ Apex Wireless Receiver/Bridge, WL500-M
- ◆ Ademco Wireless Key Transmitter, 5804
- ◆ X-10 PRO Power Line Interface Module, PSC05
- ◆ X-10 PRO Universal Module, PUM01
- ◆ X-10 PRO Incandescent Wall Switch Module, PLW01 (qty 3)
- ◆ X-10 PRO Lamp Module, PLM01

#### Sequence of Operation

The system is armed to Away by pressing button 3 and disarmed by pressing button 2 on the 5804 wireless key transmitter. Both arming and disarming will cause the garage floodlight to turn on and off for visual confirmation. Pressing button 1 will open the garage door, turn on the garage overhead light and the entry hall light for five minutes, and turn on the living room lamp and have it dim to a preset level. Pressing button 4 will either open or close the garage door depending on its present state.



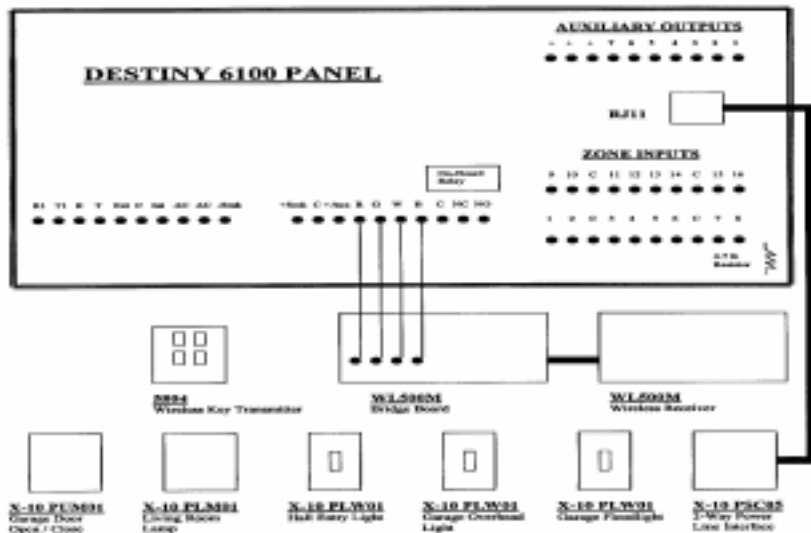
#### System Sequence of Events

- 1) Arming the system to Away by pressing button 3 or disarming the system by pressing button 2 on the 5804 wireless transmitter activates Control Channel 38 for two seconds turning the garage floodlight on and off.
- 2) Pressing button 1 activates Output Control assignment 1.
- 3) Output Control assignment 1 activates Control Channel 33 (Chain Channel 1) and suppresses speech.
- 4) Chain Channel Group 1 activates Control Channels 34, 35, 36, and 37.
- 5) Control Channel 34 transmits X-10 output signal "A1 ON" activating the X-10 universal module and after two seconds transmits "A1 OFF" restoring the module. This momentary signal will open the garage door. *Note: Only press button 1 to open the garage door and start the lighting sequence described below. If the door is already open then it will be closed and the lighting sequence described below will begin.*
- 6) Control Channel 35 transmits X-10 output signal "A2 ON" turning on the garage overhead light. After five minutes it will transmit "A2 OFF" turning off the garage overhead light.
- 7) Control Channel 36 transmits X-10 output signal "A3 ON" turning on the hall entry light. After five minutes it will transmit "A3 OFF" turning off the hall entry light.
- 8) Control Channel 37 transmits X-10 output signal "A4 ON" turning on the living room lamp and then dims the lamp to level 3.
- 9) Pressing button 4 will activate Output Control assignment 2.
- 10) Output Control assignment 2 activates Control Channel 34 and suppresses speech. This opens or closes the garage door as described in step 5 above.

# Required Programming

Location	Value	Function
4865	001	Enable control channel 33
4867	001	Activate chain channel
4886	001	Chain channel 1
4889	011	Enable control channel 34 with automatic turn-off
4893	002	On units (seconds)
4910	096	X-10 output signal = A1
4913	009	Enable control channel 35 with automatic turn-off
4917	005	On units (minutes)
4934	097	X-10 output signal = A2
4937	009	Enable control channel 36 with automatic turn-off
4941	005	On units (minutes)
4958	098	X-10 output signal = A3
4961	017	Enable control channel 37 with dimming from remote control
4964	002	Enable preset dimming
4982	099	X-10 output signal = A4
4984	003	Preset dimming level = 3
4985	011	Enable control channel 38 with automatic turn-off
4989	002	On units (seconds)
5006	100	X-10 output signal = A5
5441	034	Channel activation 1, chain channel 1
5442	035	Channel activation 2, chain channel 1
5443	036	Channel activation 3, chain channel 1
5444	037	Channel activation 4, chain channel 1
4021	033	Output control assignment 1 = channel 33
4022	005	Output control assignment 1 options = turn channel on, suppress speech
4023	034	Output control assignment 2 = channel 34
4024	005	Output control assignment 2 options = turn channel on, suppress speech
0194	038	System trigger, arm to away, channel 38
4064	002	System trigger option, activate=on
0196	038	System trigger, disarm, channel 38
4066	002	System trigger option, activate=on
9940	90	Zone type = 015, Option 1 = 000, Option 2 = 001, Hardware device = 010, Enter serial number, Button function 1 = 024, Button function 2 = 020, Button function 3 = 018, Button function 4 = 025, User = 1

# Application Diagram



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Open with Lighted Entry**