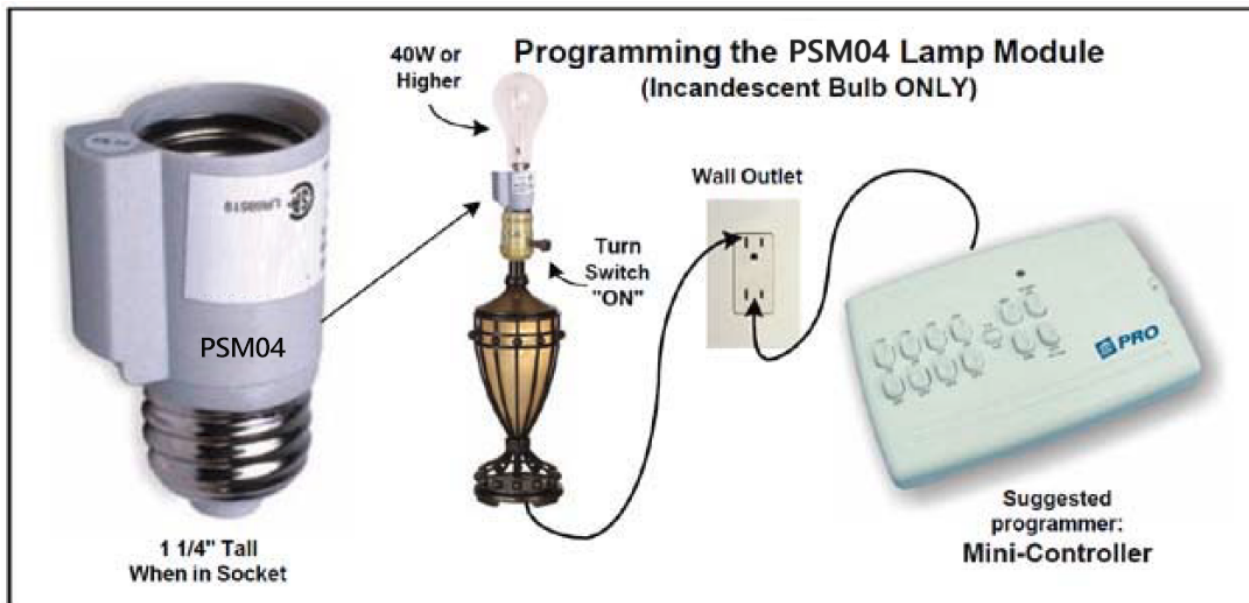**Programming the PSM04 Lamp Module (Incandescent Bulb ONLY)**

Description: Unlike conventional X10 PRO Modules, the PSM04 Screw-in Lamp Module does not have any House and Unit Code Wheels. You setup the Address Codes over the electrical power lines of the home from an X10 PRO Controller (such as a PMC01 Mini-Controller). The Screw-in Lamp Module "remembers" its Codes even after power outages. Because of its ability to remember the Codes (powered off), you can setup the PSM04 at any lamp fixture and then move it to its final destination.

Only 1 1/4 inches in diameter (it extends the bulb by about 1 1/4 inches) with a 3/8 inch bump on one side, this Module will fit inside the cover of most wired-in light fixtures, such as ceiling lights with glass or plastic covers. And because it's small enough to fit under most lampshades, it's perfect for table lamps, too.

Specific Requirements: 120VAC, 40-150W, Lamps rated below 40W may flicker and/or operate erratically.
NON DIMMING
Incandescent Bulb Only **(Do not use with CFL - Compact Fluorescent Light Bulbs!)**

Optional / Supplementary Devices & Modules:
PHK05 - Wireless Remote Kit - Controller.
PHR04 - Keychain Remote with PAT01 RF Base Transceiver - Controller.
PHW04D Wireless Wall Controller with PAT01 RF Base Transceiver - Controller.
XPT1 - Wired Wall Controller.

X10 Protocol:
House Code Dial - Letters A-P, Default "A" **Unit Number Dial** - Numbers 1-16, Default "1"
Each X10 Receiver Module is set to a unique Unit Number or to an identical Unit Number as desired.
Each X10 Controller operating a specific set of Receiver Modules must be set to the same House Code as the Receivers they are controlling.
Responds to ALL LIGHTS ON Command

Electrical Protocol:
Nearly all residential homes are wired SPLIT-PHASE. Each 120V Phase is NOT directly connected with the other 120V phase. If after installation, an X10 Receiver does not respond to a remote Controller, then check to ensure that the breaker serving the X10 Receiver is on the same phase as the Controller. If not, the breaker can be changed to the opposite phase. An alternative solution is recommended, to install a Phase Coupler for improving remote communications throughout the home. See www.x10pro.com, then select Technical Support and PLC Troubleshooting.

Installation: If the Default Address at "A1", is acceptable in your application, you do not need to program the PSM04 at this time.
Programming the PSM04 Lamp Module to a new Address:
1. Observe above diagram, obtain a standard table lamp, a PMC01 Mini-Controller or Equivalent. (This is easiest and most reliable method).
2. Install a 40W or higher Incandescent Bulb into the lamp socket, turn-on the lamp, ensure bulb is working turn the lamp switch off.
3. Remove bulb from lamp socket, install the bulb into the PSM04, install the PSM04 Screw-in Lamp Module into the lamp socket.
4. Plug the Mini-Controller (PMC01) into the same outlet as the lamp.
5. Set the X10 PRO Controller to the House Code (A-P) that you desire the PSM04 to respond to.
6. Turn the lamp switch On, applying power to the PSM04.
7. Press the "ON" Button on the Mini-Controller (corresponding to the Unit Number that you want the PSM04 to respond to), 3 times, at about 1 second intervals. On the third press the bulb will turn on, signifying that the Code has been learned / programmed.
8. The PSM04 can now be removed from the lamp and installed in its normal location in the home. Be sure to observe the Electrical Protocol, above, for proper remote operation with an X10 PRO Controller.
Note: The PSM04 can be used outdoors only if mounted into a downward pointed socket.