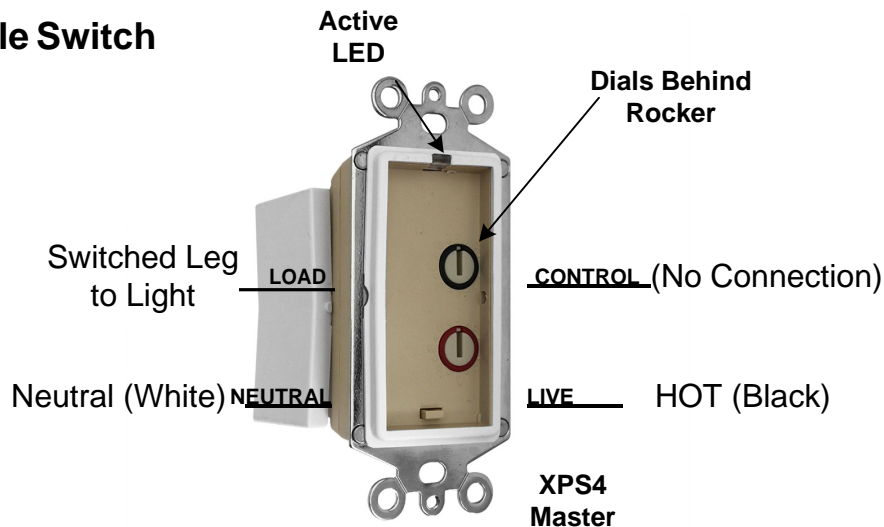


20A Wall Switch - Receiver

XPS4

Single-Pole Switch



Description: The XPS4 is a mechanical, decorative-style, non-dimming, Single-Pole/3-Way wall switch rated for 20amps. It can handle ON/OFF loads as follows: Incandescent (120V Standard or Halogen) Bulbs, Low Voltage Transformers, High Wattage Flood Lights, Fluorescent Lighting, Pumps/Motors and Appliances. The White LED Indicates its "ON/OFF" status. The dim LED will remain ON when the switch is OFF (making it easier to find in darker conditions) and the LED will turn OFF when the switch is ON. Its decorative paddle permits local operation of the switch. The X10 Address Code Dials set the House Code and Unit Number and are located behind the paddle.

Specific Requirements: 120VAC, 20amps
Neutral Wire IS required. Ground Wire is not used.

Optional / Supplementary Devices & Modules:

XPSS - Slave Switch is required for existing 3-Way Installations. XPSP-AL Almond Rocker in package of 10ea. for both XPS4 and XPSS.
XPT1 - Alternate Slave Switch (Transmitter) for existing and new 3-Way/4-way Installations.
XPF - Filter to reduce noise, from load, degrading switch operation.
Non-X10 Contactor - Heavy Load Relay device for High Intensity Discharge (HID) Lighting and other heavy-duty loads.

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 (Letter) 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 the XPCR Phase Coupler product for additional information.

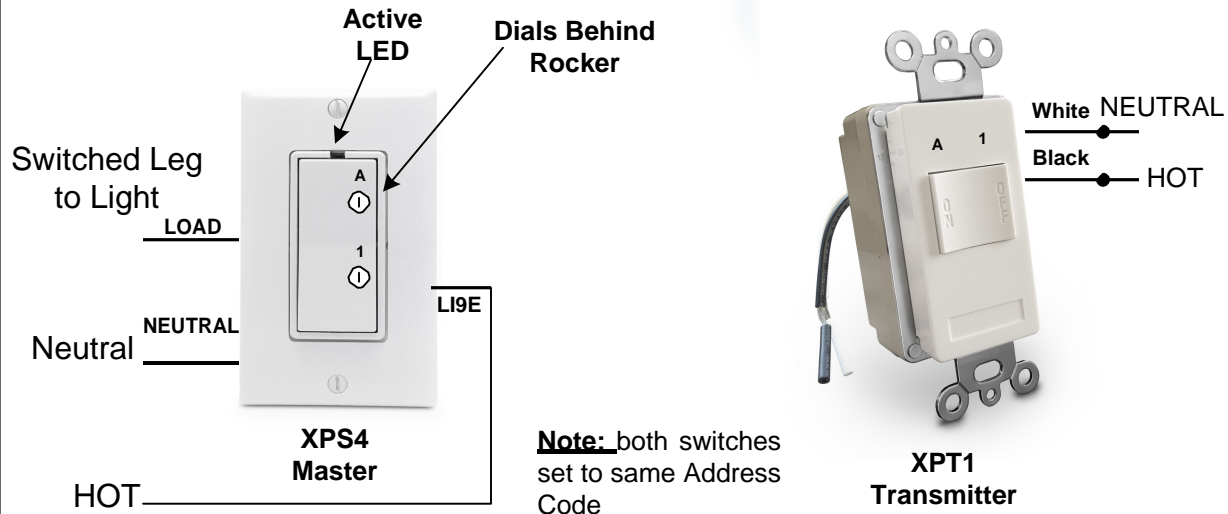
Installation: for Single-Pole operation

1. Turn power OFF at Circuit Breaker
2. Pull-out the existing wall switch from the switch box.
3. Inspect inside the wall switch box for existence of white neutral wire(s) capped-off. If no white neutral wires exist, STOP. You CANNOT use the XPS4 unless you run a neutral wire to this box.
4. Remove the existing wall switch. Two wires remain protruding out of switch box. One is HOT, the other goes to the light/load. They may be the same color.
5. With Breaker ON, determine which protruding wire is HOT. Use a voltmeter and measure between ground and each wire individually. One will read 120V, the other 0V.
6. With Breaker OFF, Connect a white neutral wire to the NEUTRAL Terminal. You may have to tap into a neutral wire bundle with an additional white wire 6-8" long.
7. Connect the HOT wire to the LIVE Terminal, connect the other wire to the LOAD Terminal.
8. No connection is needed at the Control Screw Terminal.
9. Re-check all connections, Turn power ON at Circuit Breaker.
10. Press switch paddle once, you will hear the switch CLICK and the light should turn ON. Press paddle again, you will hear the switch CLICK and the light should turn OFF.
11. You are now ready to control the switch with an X10 Remote Control Module: desktop, wireless handheld, Security Panel, etc. The default address is "A1". If you wish to change the code, the Code Dials are behind the paddle. Remove the paddle with a small flat screwdriver applied to the side of the paddle at the center fulcrum point. Insert screwdriver in small gap space between switch plate and paddle and flip the paddle up from its side.
12. Mount the Switch in the wall box and attach the switch cover plate.

20A Wall Switch - Receiver

XPS4

3-Way Installation - Create New



Installation: for 3-Way operation - Create New

Note: A 3-Way system, by definition, means two existing wall switches which operate one single light (can be multiple lights if all come on together). In this NEW installation instruction, there are no traveler wires between switches. The XPT1 Transmitter will be connected to HOT and NEUTRAL only. It will communicate with the Master Switch via existing power wires.

1. Turn power OFF at Circuit Breaker.
2. Pull-out the existing single-pole wall switch from the switch box.
3. Inspect inside the wall switch box for existence of white neutral wire(s) capped-off. If no white neutral wires exist, STOP. You CANNOT use the XPS4 unless you run a neutral wire to this box.
4. Remove the existing wall switch. Two wires remain protruding out of switch box. One is HOT, the other goes to the light/load. They may be the same color.
5. With Breaker ON, determine which wire is HOT. Use a voltmeter and measure between ground and each wire individually. One will read 120V, the other 0V.
6. With Breaker OFF, connect a white neutral wire to the NEUTRAL Terminal. You may have to tap into a neutral wire bundle with an additional white wire 6-8" long.
7. Connect the HOT wire to the LIVE Terminal, connect the other wire to the LOAD Terminal.
8. There will be no connection to the CONTROL TERMINAL needed.
9. Re-check all connections, Turn power ON at Circuit Breaker.
10. Press switch paddle once, you will hear switch CLICK and light should turn ON. Press paddle again, you will hear switch CLICK and light should turn OFF.
11. You are now ready to control the switch with an X10 Remote Control Module: desktop, wireless handheld, Security Panel, etc. The default address is "A1". If you wish to change the code, the Code Dials are behind the paddle. Remove the paddle with a small flat screwdriver applied to the side of the paddle at the center fulcrum point. Insert screwdriver in small gap space between switch plate and paddle and flip the paddle up from its side.
12. Install the XPT1 Wall Transmitter Switch. You will need an existing or new switch box which has power run to it.
13. With Breaker OFF, connect the XPT1 Black wire to HOT, connect the XPT1 white wire to Neutral. Turn Breaker ON.
14. Press the XPT1 Switch "ON" position once, and the light connected to the Master Switch should turn ON, (the Master will CLICK). Press the XPT1 Switch "OFF" position once, and the light should turn OFF (the Master will CLICK).
15. To change the XPT1 Address Code, remove the Keypad, with fingers pulling from bottom, then turn the dials, with small flat screwdriver, to the desired Address Code. Keep the XPS4 and XPT1 codes identical.
16. Mount the Switch(s) and Transmitter(s) in the wall box(s) and attach the switch cover plates.

NOTE: You can use additional XPT1 Wall Transmitter Switches to augment new 4-Way or greater systems. You will need additional wall switch boxes with power run to them. Then install the XPT1 Transmitter, connecting HOT and Neutral.

2 YEAR LIMITED WARRANTY x10.com (X10), a division of Authinx Inc., warrants this product to be free from defective material and workmanship for a period of 2 years from the original date of purchase at retail. X10 agrees to repair or replace, at its sole discretion, a defective product if returned to X10 within the warranty period and with proof of purchase. If service is required under this warranty:

Call 1-888-384-0969, visit www.x10.com, or email support@x10.com