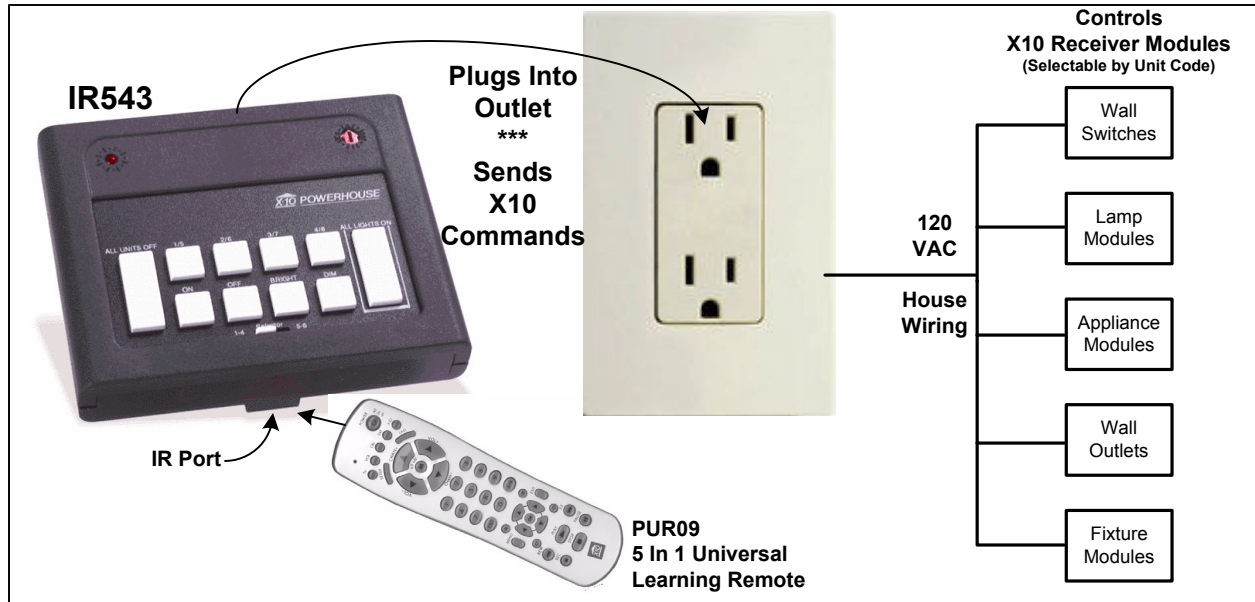


Mini Infrared Command Console IR543



Description: The IR543 Command Console Controller manually controls eight X10 Receiver Modules of various formats. Just plug it in and you are in control! The IR543 turns ON/OFF up to eight X10 lights and appliances connected to X10 Receiver Modules. The IR543 has ON/OFF, Bright/Dim, ALL LIGHTS ON and ALL UNITS OFF Command buttons. The Selector Switch assigns the 4 Unit Number buttons to control the X10 Receiver Modules set to Unit Codes 1-4 or 5-8. The IR543 also Receives IR Signals from the X10 Universal 5 in 1 Learning Remote (PUR09). See the Remote's Setup Instructions for use with the IR543. Other Manufacturer's Learning Remotes may be used with the IR543 or any other IR remote having the X10 IR Protocol built in or learnable. The IR port will accept all 16 Unit Numbers, for a given House Code, from an IR Remote.

Specific Requirements: 120VAC Power.

Optional / Supplementary Devices & Modules:

PLM01 Plug-in Lamp Module, PLW01 Incandescent Wall Switch, PAM01 Plug-in Appliance Module, PAO11 Half-Split receptacle Module, XPFM Wire-in Fixture Module or any other X10 Receiver Modules.

X10 Protocol:

House Code Dial - Letters A-P **Unit Number Dial** - Numbers 1-16

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.

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:

1. Install and set up all of your X10 Receiver Modules referring to the instructions included with them.
2. Set all of your X10 Receiver Modules to the same House Code as you set on the IR543 Controller.
3. Set each X10 Receiver Module to a Unit Code between 1 and 8. Set the Selector Switch on the IR543 Controller to 1-4 or 5-8 to manually control up to eight X10 Receiver Modules. An IR Remote can control all 16 Unit Numbers, assigned to X10 Receiver Modules, for the Set House Code.

To turn ON/OFF a light or appliance

Press and release the Unit Number button corresponding to the Unit Code set on the X10 Receiver Module to be controlled. Then Press ON or OFF as desired. You can press as many Unit Numbers, 1-4 or 5-8 as desired, prior to pressing ON or OFF.

The "Selector Switch" selects whether buttons 1 thru 4, control X10 Receiver Modules set to 1-4 or 5-8.

To Dim or Brighten lights

Press and release the Unit Number button for the X10 Receiver Module you wish to Dim or Brighten (you can't Dim or Brighten Appliance or Wall Outlet Modules). Then press ON. Press and Hold the Bright or Dim button, until the desired brightness level is reached. You can Brighten/Dim Lights in Groups of Unit Numbers 1-4 and 5-8. You can press as many Unit Numbers, 1-4 or 5-8 as desired, prior to pressing Bright or Dim.

To Turn ALL LIGHTS ON

Press the ALL LIGHTS ON button to instantly turn on ALL lights connected to Lamp Modules and Wall Switch Modules (which are set to the same Housecode as the IR543 Controller). This button does not affect Appliance or Wall Outlet X10 Receiver Modules.

To Turn ALL UNITS OFF

Press the ALL UNITS OFF button to instantly turn on ALL X10 Receiver Modules (which are set to the same Housecode as the IR543 Controller). This includes Appliance or Wall Outlet X10 Receiver Modules.

The X10 PRO Controller will always turn lamps and appliances ON when you press the appropriate buttons. Caution should be taken when remotely operating Modules attached to appliances like a coffee pots (which could be empty). If that should happen, your coffee pot may be damaged from overheating unless it has a thermal shut down circuit. If an electric heater is turned ON while clothing is draped over it, a fire could result. Do not use X10 for the control of high power heating appliances or portable heaters.