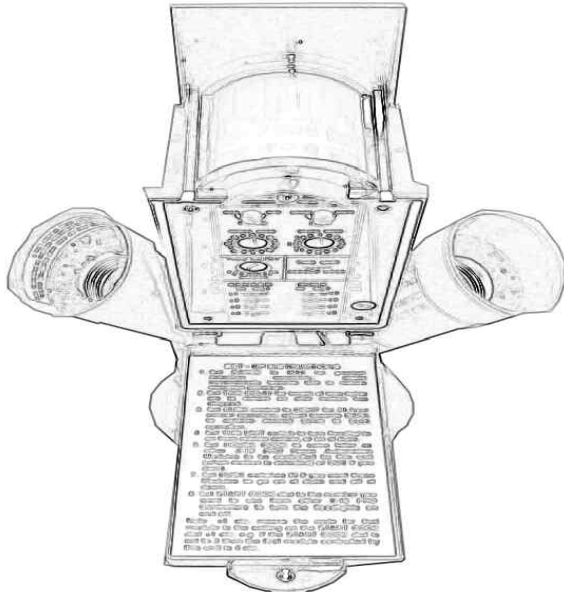


APPLICATIONS

FLOODLIGHT MOTION DETECTOR AND REMOTE CHIME, LIGHTS/APPLIANCES

The PHS01 offers unique advanced Controller functions not found in any other outdoor motion detector floodlight.



The PHS01 has the ability to send X10 Commands to 4 sequential Unit Codes directly above its own Start Code, plus 4 additional in response to Dusk and Dawn sensing.

The Flood Light Motion Detector can be used as a Controller as well as a Receiver for security installations (not to mention purely for convenience).

The Flood Light Motion Detector must be connected to Hot and Neutral at all times. Any interruption of power, especially during a timed motion event, will cause the PHS01 to react erratically.

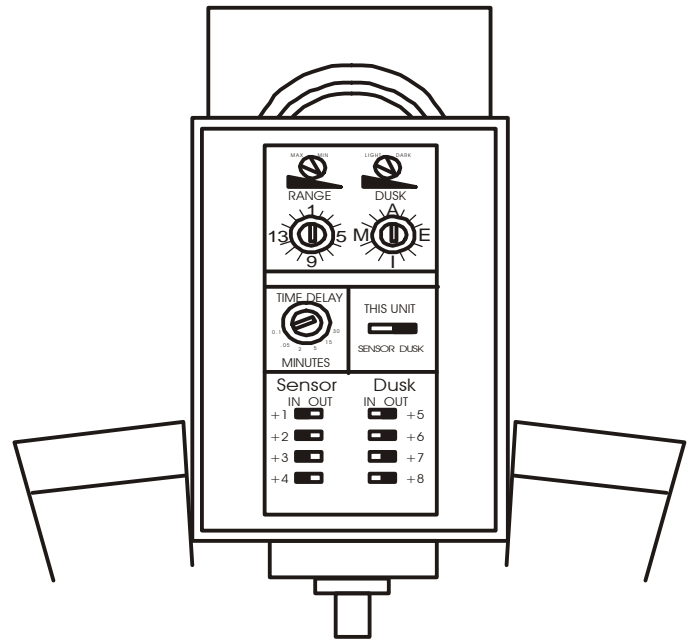
There is a control board under the head; from which to select a Start Code. This is the House and Unit Code that will define the ability to receive X10 Commands from a Controller and operate the Sensor manually ON/OFF. This Code will also define the 4 sequential Codes directly above the Start Code that will be used to signal other X10 Modules.

When the Flood Light detects motion, it

has the ability to send ON Commands to these 4 devices that are selected on the PHS01 Control Board.

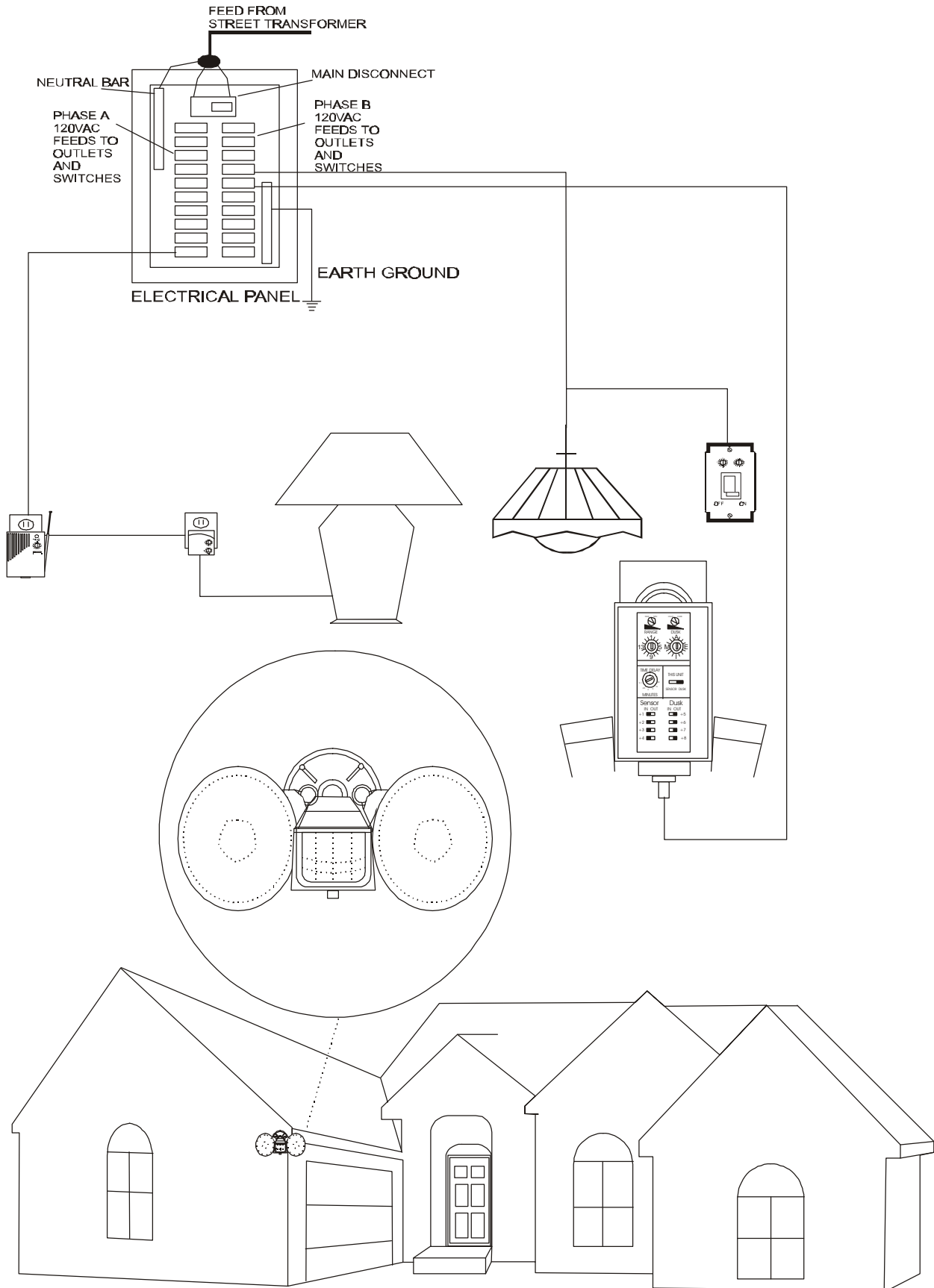
Also located on the underside panel are 8 switches numbering from +1 to +8. The left side under the word "Sensor" lists +1 to +4. The "Dusk" side lists +5 to +8. Setting any of these switches to the "IN" selection will cause the PHS01 to send ON/OFF Commands via X10 on the AC powerline to these devices upon motion or dusk triggering.

The PHS01 can be set to detect motion at any time and trigger itself plus the 4 Units (+1 to +4) during daylight and evening, or just in the evening. This is accomplished by setting the light dark adjustment to darker to cause the Unit to begin sensing after dark, or lighter to cause the Unit to begin sensing at lighter daylight hours. Range of sensitivity is approximately 40 feet when mounted around 8 feet high.



There is a rotating sensitivity dial for smaller pattern coverage areas, plus the lens on the Unit has a special downward sensitivity, for this reason, the head should be mounted level with the ground.

APPLICATIONS



APPLICATIONS

You can use the Motion Detector Flood Light to send an X10 ON Command to any X10 PRO Lamp Module or Wall Switch set to the +1 to +4 settings. Make sure that they are all set to the same House Code as the PHS01. They will respond about a second after the PHS01 is triggered by motion.

The OFF Command can be set from 6 seconds up to 30 minutes after a motion activation triggers the Unit. This is set on the PHS01 Control Board.

Not only can the PHS01 trigger lighting Modules, but can also be used to command any other X10 Device set to the House and Unit Code of the Motion or Sensor Switches on the Control Board of the Unit.

Having the PHS01 trigger lighting as you approach the home can also be accomplished through the complex Macros initiated from the PHS01 and received by the CM11A ActiveHome Computer Interface, PMC10 Macro Controller or the PHC10 PRO Home Controller.

You may have numerous PHS01s installed on a single site, all having the same or different House and Unit Codes.

Note: A PHS01 will only send X10 Unit Codes in sequential order after its own Start Code. For this reason you cannot have two PHS01s addressed the same and have one Command the other. The second one would have to be a Unit Code step higher.

Just for clarity purposes:

The Start Code on the PHS01, lets say A1, is set.

And, you have +1 and +4 set to the "IN" position.

The Flood Light will transmit an A2 and an A5 when tripped by motion.

The formula:

A1 + 1 = A2 and A1 + 4 = A5..Simple!

You can however, have both PHS01s set to the same Codes. Simply create a Macro with the ActiveHome Software, PRO Home

Controller Software or the Macro Controller PMC10 which responds to a command from the PHS01 to turn on the original Start Code.

That would look something like this:

PHS01 set to Start Code A1 sends an A2 ON.

ActiveHome hears the trigger (A2 ON) and responds with an A1 ON.

This would turn on any other PHS01 set to the same House and Unit Code as the first one.

Perform the reverse for turning them OFF.

More on the ActiveHome Software and the others mentioned later.