

## 79-143 – Remote Control Instructions for Select Lights

(note – remote may be labeled HB01 or HB03 (rounded or square) – instructions are the same)



### Display Area

**BRIGHTNESS** (70%/80%/90%/100%)      **HOLD TIME** (10S/1Min/10Min/30Min)  
**DAYLIGHT** (10lux/30lux/50lux/100lux)      **SENSITIVITY** (20%/50%/75%/100%)  
**STANDBY DIM** (10%/20%/30%/50%)      **STANDBY TIME** (+∞/1Min/30Min/60Min)


### Button Setting Area

**ON/OFF** (Long press the "ON/OFF" button until only buttons on the first line light up, short press the "ON/OFF" button to turn on or turn off the fixture.)

 **BRIGHTNESS** (Press to define dimming level 70%/80%/90%/100%.)

**SEND** (Press to send settings.)


 **HOLD TIME** (Press to define hold time 10s/1Min/10Min/30Min.)

 **DAYLIGHT** (Press to define daylight 10lux/30lux/50lux/100lux.)

 **SENSITIVITY** (Press to define sensitivity 20%/50%/75%/100%.)

*Note: PIR Motion Sensor have no sensitivity setting.*

 **STANDBY DIM** (Press to define stand-by dimming level 10%/20%/30%/50%.)

 **STANDBY TIME** (Press to define stand-by time +∞/1Min/30Min/60Min.)

*Note: "+∞" means unlimited stand-by time, and the light control mode is the light control priority mode, otherwise it's the light threshold mode.*

 **RESET**

Press "RESET" button, products with DIP switch will be controlled by DIP switches; Otherwise all the setting will keep as default, which is brightness 70%, hold time 10s, daylight threshold disabled, sensitivity 20%, stand-by dimming level 10% and stand-by time +∞.

**TEST**

The button "TEST" is for testing purpose after debugging. Pressing this button, the sensor goes to test mode (hold time is only 3s).

**MODE1/MODE2**

The buttons "MODE1/MODE2" are used to remember 2 kinds of combination settings. When a certain is needed, set it up ahead of time and press "MODE1" or "MODE2" button for a long time, then press "MODE1" or "MODE2" button for a short time to return to this setting.

### Attention

1. The upper and lower areas of the remote control are divided into display area and button area.
2. If you want to send a setting, it will only work if the remote control is on. If you don't press any button within 10 seconds, the indicator light will go out.
3. When using "ON/OFF" button, the rest buttons except the "ON/OFF", "BRIGHTNESS" and "SEND" buttons will be disabled.
4. When using "TEST" button, the rest buttons except the "TEST", "SENSITIVITY" and "SEND" buttons will be disabled.
5. Every change needs to press "SEND" button, it will be saved.



## Usage and Setup Tips

- Requires 2 quantity AA batteries (not included).
- Best to use remote at night or dusk. Remote lights (on the remote itself) may be hard to see and IR distance is better. Easier to see lights onboard the sensor as well (sensor has a single light indicating command received).
- If planning to use the ON/OFF button for manual control of the light, make sure to save your normal motion settings under MODE1 or MODE2 (long hold of the mode button after presetting preferred settings). Once you are done with the manual controls, make sure to do a short press on the MODE button with the settings you want the light to return to for normal operation.
- Remote is IR (infrared) based; distance average of 30 feet indoors. Requires direct line of sight. (no glass, no interference, new batteries). NOTE: Bright sunlight, electromagnetic ballasts, and similar etc will reduce the remote distance to under 10'. We recommend you program lights above 20' before coming down or attempting again at night.
- Brightness Settings: 70%/80%/90%/100%. This is brightness level for WITH motion or just on.
- Daylight Settings: 10lx, 30lx, 50lx, 100lx (Use a lower setting if the light is coming on too early or on cloudy days. If it's coming on at 10lx on a dark day that will be normal). Long press of the daylight button will enable/disable the daylight sensor function. NOTE: Daylight sensor delay is 3 minutes. This means changes in light will take 3 minutes to be seen. If programming for dusk to dawn settings, you will need to wait 3 minutes before it responds. The long delay avoids it going on and off with headlights or other lighting changes.
- Hold Time at Brightness Setting with Motion: 10s/1Min/10Min/30Min
- Sensitivity Settings: 20%/50%/75%/100%
- Standby Dim Level: 10%/20%/30%/50%
- Standby Dim Time: infinite (always some light) /1Min/30Min/60Min
- Test button is for testing motion sensitivity. You will only be able to adjust sensitivity while in this mode and the hold time will be just 3 seconds for the light to stay on when motion is detected. Once you find the correct sensitivity, you will need to Reset the sensor and reprogram with the sensitivity setting found best for the application when using the Test feature.

