

Remote Control WSEL4069 (HRC-05)- user manual



Permanent ON/OFF function

Press the "ON/OFF" button, the light goes to permanent on or permanent off mode, and the sensor is disabled.

* Press "Auto Mode", "RESET" or "Scene mode" buttons to quit this mode.
The mode will change to AUTO Mode after power failure.

Auto Mode

Sensor mode

Press "Auto Mode" button, the sensor starts to function and all settings remain the same as the latest status before the light is switched on/off.



Reset function

Press "RESET" button, all settings go to the value of the DIP switch.



Dim +/-

Long press "Dim +" or "Dim-" to adjust the light brightness during hold-time. "+" means dimming up, "-" means dimming down.



Test mode

This button is for testing purpose only. The sensor goes to test mode (hold-time is 2s) after commissioning, meanwhile the stand-by period and daylight sensor are disabled.

* This mode can be ended by pressing "reset", or any button of "scene mode" and "hold-time". The sensor settings are changed accordingly.



Power output

By pressing these two buttons, the output shifts between 80% (at initial 10,000 hours) and 100%, for energy saving purpose.



Ambient daylight threshold

Press this button, the latest surrounding lux value overwrites the previous lux value learned and is set as the daylight threshold. This feature enables the fixture to function well in any real application circumstances.



Lux disable

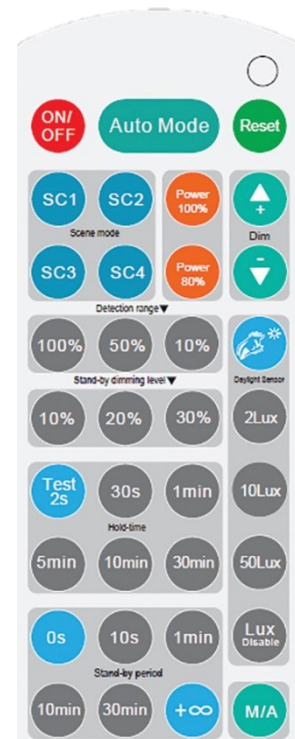
Press this button, the built-in daylight sensor stops working, and all motion detected could turn on the lighting fixture, no matter how bright the natural light is.



Manual override / Semi-auto mode (absence detection)

By pressing this button, the sensor goes to manual override or Semi-auto mode (absence detection) function.

* The buzzer beeps twice if it's manual override function, and beeps once if it shifts to Semi-auto mode (absence detection).



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Note: the buzzer beeps one time when RC receives signal successfully.

Scene mode

There are 4 scene modes fixed program built in the remote control to choose for different applications:

Scene options	Detection range	Hold-time	Stand-by period	Stand-by dimming level	Daylight sensor
SC1	100%	1min	10min	10%	2Lux
SC2	100%	5min	10min	10%	2Lux
SC3	100%	10min	30min	10%	10Lux
SC4	100%	10min	+∞	10%	50Lux

* End-user can adjust the settings by pressing buttons of detection range/hold-time/stand-by period/stand-by dimming level/daylight sensor. The last setting stays in validity.

Detection range

Press the buttons of "detection range" to set detection range at 10% / 50% / 100%.

Hold-time

Press the buttons of "hold-time" to set hold-time at 30s / 1min / 5min / 10min / 30min.

Daylight sensor

Press the buttons of "daylight sensor" to set daylight threshold at 2Lux / 10Lux / 50Lux.

Stand-by period (corridor function)

Press the buttons of "stand-by period" to set stand-by period at 0s / 10s / 1min / 10min / 30min / +∞.

* "0s" means on/off control; "+∞" means bi-level dimming control, light never switches off when daylight sensor is disabled.

Stand-by dimming level

Press the buttons of "stand-by dimming level" to set the stand-by dimming level at 10% / 20% / 30%.

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Permanent ON/OFF function

"ON/OFF" button, the lamp will go into permanent on or permanent off mode. To exit this mode, press the "AUTO", "RESET" button.



Reset Settings

Press the "RESET" button, all settings return to the settings of the rotary switch. The sensor detection mode returns to the DIP switch settings.



Shift Button

Press the "Shift" button, the LED in the upper left corner will flash to indicate the mode selection. All values/settings in RED are valid for 20 seconds.



AUTO mode

Press the "AUTO" button to start the automatic mode. The sensor starts working and all settings remain as they were before on/off.



SEMI-AUTO mode

1. Press the Shift button to indicate the mode through the red LED.
2. Press the "SEMI-AUTO/AUTO" button to initiate semi-automatic mode. The luminaire is switched on manually by pressing the switch and switches off automatically in this mode. (Absence Detection Mode).



Power output

Press the buttons to select 80% (initial 10,000 hours) or 100% output. Note: The "Sensor off" and "Twilight" functions are disabled.



Brightness +/-

Press the buttons to adjust the brightness of the light to reset the target lux level.



Scene program - 1-key commissioning

1. Press the "Start" button to program.
2. Select buttons: "Detection range", "Daylight threshold", "Hold-time", "Stand-by time", "Stand-by dimming level" to set all parameters.
3. Press the "Memory" button to save all the settings programmed in the remote control.
4. Press the "Apply" button to set the settings for each sensor(s).

Detection range

Press the buttons in the "Detection range" zone to set the detection range to 100%/75%/50%/10%.

Daylight threshold

Press the buttons in the "Daylight threshold" zone to set the daylight sensor / target lux level to 50Lux / 100Lux / 300Lux / 500Lux / Power off.

Daylight threshold

1. Press the "Shift" button, the red LED will start flashing.
2. Press the "Ambient" button, the surrounding lux level is taken and set as the new daylight threshold/target lux level.

Hold-time

Press the buttons in the "hold-time" zone to set the hold time to 2s / 30s / 1min / 5min / 10min / 15min / 20min / 30min.

Stand-by dimming level Stand-by time (corridor function)

Press the buttons in the "stand-by time" zone to set the standby period to 0s / 10s / 1min / 5min / 10min / 30min / 1h / +∞.

Stand-by dimming level


Press the button in the "stand-by dimming level" zone to set the stand-by dimming level to 10%/20%/30%/50%.

Dual tech & RF mode

Press the buttons in this zone to select the sensor technology. HF+PIR: The light illuminates when HF and PIR sensors are on. HF/PIR: The light illuminates when HF or PIR sensors are on.

Remote for dimmable sensors with memory function

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ON/OFF

- "ON/OFF" key only functions as a switch of the light.
- If press this button to turn off the lamp before it's short-circuited, the lamp will remain off after power-on again.

Auto Mode

Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.

Reset

- Press "Reset" button, change brightness to max level.
- Press "Reset" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled.

Flick after press any button

Flick only after press "Apply" button

+/-

- To adjust brightness 10-100% in on/off mode.
- To adjust highest brightenss 60-100% in sensor mode.

Start


Press "Start" to customize scene, users can change detection range, daylight threshold, holdtime, standby dimming level and standby period.


Memory


- Press "Memory" to save all the settings.
- The settings remained as the last time if not get resetted values.


Apply

- Press "Apply" to deliver the saved setting.
- Press "Apply" without "memory" will make all the setting one-time operation.
- Settings should be done within 30S, otherwise it exits memory mode.


 Detection area (Press to define detection area 100%/75%/50%/25%.)

 Hold time (Press to define holdtime 5s/30s/1min/3min /5min/10min/20min/30min .)

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

 Stand-by period (Press to define stand-by period 0s/10s/30s/1min/5min/10min/30min/+∞)

Note: "0s" means no standby period; "+∞" means unlimited standby period.

 Daylight threshold (Press to define daylight level 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable.)

Note: Disable means light will be turned on once sensor detects movement, regardless of the ambient lux.

Test (2s)

The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode (hold time is only 2s)

HD03R Instruction

Memory & Apply Mode

1. Press "ON/OFF button" to turn on the light or off.
2. To reset the parameters, Please follow the steps as below:
Step 1 - Press ON, to turn on the light if it was off at the start.
Step 2 - Press "Start" to the well-setting sensor.
Step 3 - Press the button of Detection range, Hold time, Stand-by dimming level, Stand-by period and Daylight threshold one after the other in sequence.
Step 5 – Press "Memory" to memorize the settings.

Note: The interval of each parameter setting shall be controlled within 30s.

3. To programme other lights in the array that have similar sensors to the same programme.
Step 1 - Press "ON" to the second sensor
Step 2 - Press "Apply"

Isolated Setting Mode

1. Press "ON/OFF button" to turn on the light or off. Press "Auto Mode", the remote will activate settings that were saved last or remain at the factory default settings.
2. To reset the parameters, Please follow the steps as below:
Step 1 - Press ON, to turn on the light if it was off at the start.
Step 2- Press any button of "Auto Mode", "Reset" , Test" and "Apply" to begin the sensor detection mode.
Step 3 - Press the button of Detection range, Hold time, Stand-by dimming level, Stand-by period and Daylight threshold one after the other in sequence.

Notes:

1. Settings will be saved automatically and remain until you press reset again.
2. Light will flicker when setting each parameter.