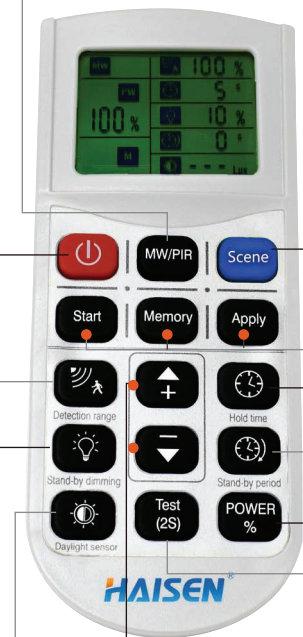


# HD05R Remote Control Applications

## HD05R Instruction



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

**WM/PIR**  
Change from the microwave sensor function to PIR sensor function, and the other around.

**Scene**  
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.

**Start** Press the button before choosing the parameters.

**Memory** Press the button after choosing all the parameters to save them.

**Apply** Press the button to deliver the saved settings to the other sensors directly.

**Hold time**  
The period of light keeping 100% brightness after moving objects leave the detection area.

**Stand-by period**  
The period of light keeping low output before it gets completely off. When it's preset as --, the light always keep at low output even no movement in the detection area.

**Power %**  
Press the button to change the output power from 0% to 100%, it changes 5% every press.

**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 ).

**Daylight Threshold**  
Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless of the ambient lux level.

**Stand-by dimming level**  
The definition of low output during the standby period.

**Detection Rarea**  
The area in which movement will trigger the sensor, 100% detection area also means strong sensitivity.

## 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 (Press "+/-" to set parameters).  
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"

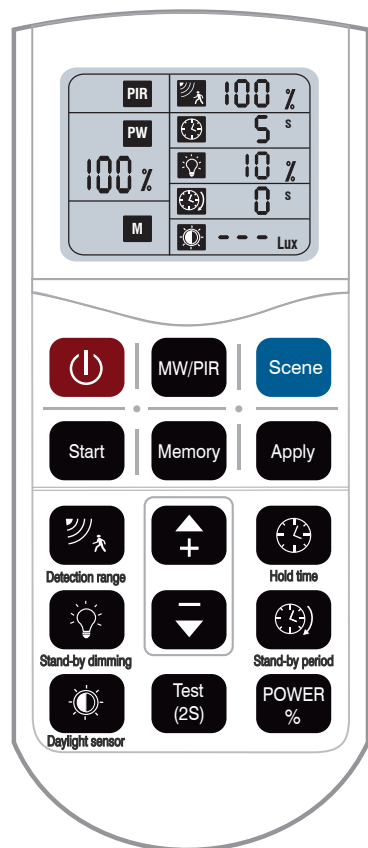
## Isolated Setting Mode
















1. Press "ON/OFF button" to turn on the light or off. Press "Scene", 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 "Scene", 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:

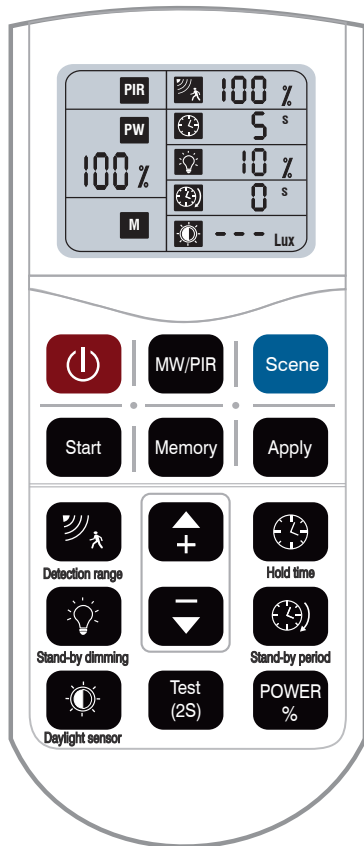
1. Settings will be saved automatically and remain until you press reset again.
2. Light will flicker when setting each parameter.
3. The icon will flash when setting the corresponding parameter.

## HD05R Remote Control Keys Function Introduction



Remote Keys	Keys Function	Keys Introduction
	ON/OFF	Switch ON/OFF the light; Switch OFF the sensor function.
	MW/PIR	Mode Switch
	Reset	Switch to Sensor mode and recover all settings to be factory defaulted setting(Detection area-100%, Hold time-5s, Daylight- Disable, Standby Period-0s, Stand-by dimming level-10%.
	Start	Press the key to start the setting of parameters with memory and apply function under the sensor mode. 1. Press "Start", there will be a letter "S" flashes in the lower left corner of the display, then start to set up all parameters; 2. After setting all parameters, press "Memory" to store the settings and keep it until the next reset; 3. Press "Apply" to the set sensor with stored settings within the remote IR range ; 4. Note: All data shown in the display are the settings after pressing "Memory".
	Memory	
	Apply	
	Detection area	Under sensor mode, press the key, the corresponding icon on the display flashes, press "+" / "-" to select the sensitivity.
	Hold time	Under sensor mode, press the key, the corresponding icon on the display flashes, press "+" / "-" to select the hold time.
	Daylight Threshold	Under sensor mode, press the key, the corresponding icon on the display flashes, press "+" / "-" to select the daylight threshold.
	Stand-by period	Under sensor mode, press the key, the corresponding icon on the display flashes, press "+" / "-" to select the low brightness time.
	Stand-by dimming level	Under sensor mode, press the key, the corresponding icon on the display flashes, press "+" / "-" to select the low brightness during stand-by period.
	UP	After pressing different parameter keys, press either of the key to adjust(UP/DOWN) the required parameters.
	DOWN	
	POWER	Under sensor mode, press "POWER", the letter of "PW" flashes in the middle left of the display, press "+" / "-" to increase/decrease the output power.
	Test mode	Press the key to enter the test mode under sensor mode. It won't be memorized after power OFF. The parameters under test mode is: detection area-100%, hold time-2s, daylight-disable, stand-by period-0s, stand-by dimming level-10%.
Notes	Press"Scene" to reset the remote before using. During the setting of each parameter, the icon will flash for 5s, after that, the setting will be kept automatically.	

# HD05R Remote Control Procedure



## 1. Microwave motion sensor settings- One sensor

- ① Step 1 – Press "ON/OFF" to turn on the light.
- ② Step 2 – Press "Scene" to reset the remote and switch to sensor mode.
- ③ Step 3 – Press related keys to set Detection Area, Hold Time, daylight threshold, stand-by period and stand-by dimming level with pressing "+" / "-" within 5s when the icon start to flash.
- ④ Then all settings would be kept automatically until the next reset.

## 2. Start / Memory / Apply-Applied to more sensor

- ① Press "ON/OFF" to turn on the light
- ② Press "Scene" to enter sensor mode. Then press "Start" to start the user-defined setting.
- ③ Press related keys to set Detection Area, Hold Time, daylight threshold, stand-by period and stand-by dimming level with pressing "+" / "-" within 5s when the icon start to flash.
- ④ Press "Memory" to store the setting.
- ⑤ Press "Apply" to all sensor within remote IR range, the light will blink rapidly when receiving the signal, means the sensor has been set successfully.

## 2. Power Output Setting

- ① The output could be set under two mode-Sensor Mode and Always ON Mode.
- ② Under always ON mode, press "+" / "-" to adjust the output from 10%~100%.
- ③ Under the sensor mode, press "Scene"- "Power", then press "+" / "-" to adjust the output from 60%~100%.

\* Note: Under the sensor mode, the data shown in the display could be set from 10%~100%, but the brightness would be 60% at lowest and won't dim any more.