



# HRC-05

Sensor remote controller | Dimming control | White color

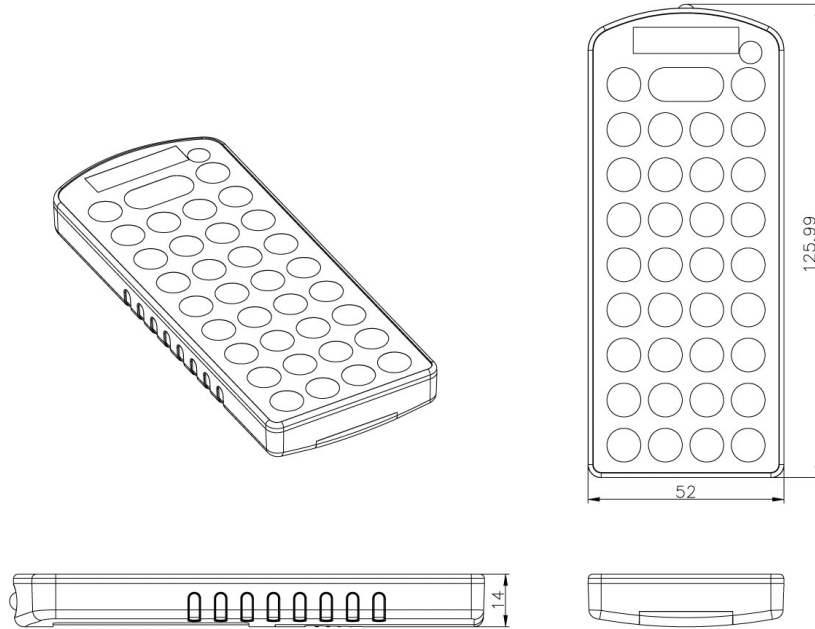
## Specifications

Technical	
Product weight	41.0 g
Product height	14.0 mm
Product length	125.99 mm
Product width	52.0 mm

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## Technical Drawing



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## Commissioning Instructions and Precautions

### A. Remote Control Setup

The configuration method for the remote control may differ depending on the product model. Please consult the specifications provided in the datasheet for the compatible product.

### B. Control Range Notes

1. The maximum control range of this model can reach up to 10 meters.
2. Infrared communication may be degraded under direct sunlight due to solar interference. The detection distance and effective control range are also dependent on the installation position and orientation of the sensor's IR receiver. Back-facing orientations may result in reduced performance.

**Warning:** For additional important documents, including installation precautions, product guidelines, and guarantee conditions, please refer to the official downloads.

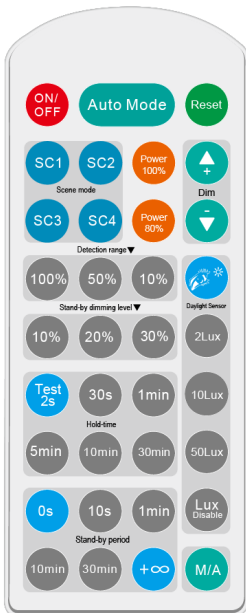
<https://hytronik.com/service/downloads>

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## Commissioning via Remote Control

### Settings (Remote Control HRC-05)



	Press this button for temporary ON or OFF. When pressing "AUTO" button or when the fixture is re-powered, then the fixture status will revert back to sensor mode.
	Also known as presence detection / absence detection. In this mode, the light keeps ON in the presence, and dims down in the absence, and eventually switches off in the long absence.
	All settings goes back to DIP switches settings, or rotary switches settings, or factory default settings.
<b>Scene mode</b>	There are 4 scene modes fixed program built-in the remote control to choose for different applications, press buttons of detection range/hold-time/stand-by period/stand-by dimming level/daylight sensor to adjust the settings. The last setting stays in validity.
 	By pressing this button to select light output at 80% (at initial 10,000 hours) or 100%.
 	Brightness dimming.
<b>Detection range</b>	Set detection range at 100% / 75% / 50% / 10%.
<b>Stand-by dimming level</b>	Set stand-by dimming level at 10% / 20% / 30% / 50%.
<b>Daylight threshold &amp; Ambient lux sampling:</b>	Set daylight threshold value 2 lux / 10 lux / 50 lux. Eye button: study the surrounding lux level and save it as the new daylight threshold / target lux level for daylight harvesting.
<b>Lux disable</b>	By pressing this button, the built-in daylight sensor stops working, and all motion detected could trigger on the lighting fixture, no matter how bright the natural light is.
<b>Hold-time</b>	Set hold-time period. 2s is for testing purpose only, stand-by period and
<b>Stand-by time settings</b>	Set stand-by time at 0s / 10s/ 1min/ 10min/5min / 30min / +∞.
	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

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## Options

### Compatible products (for full functionality)



#### HC419VRC

HF Lowbay | Tri-level & 1-10V | Setting via Dip-Switch/IR controller

[www.hytronik.com/product/HC419VRC](http://www.hytronik.com/product/HC419VRC)



#### HC419VRC/R

HF Highbay | Photocell Advance | Setting via Dip-Switch/IR controller

[www.hytronik.com/product/HC419VRC-R](http://www.hytronik.com/product/HC419VRC-R)



#### HCD450VDS/RC

HF Highbay | 1-10V /DALI Dimming | Wall/Surface mounting

[www.hytronik.com/product/HCD450VDS-RC](http://www.hytronik.com/product/HCD450VDS-RC)



#### HIR02

PIR Lowbay | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/HIR02](http://www.hytronik.com/product/HIR02)



#### HIR02/AA

PIR Lowbay | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/HIR02-AA](http://www.hytronik.com/product/HIR02-AA)



#### HIR02/FM

PIR Lowbay | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/HIR02-FM](http://www.hytronik.com/product/HIR02-FM)



#### HIR15/RC05

PIR Highbay | 0-10V dimmable | Adjustable detection range

[www.hytronik.com/product/HIR15-RC05](http://www.hytronik.com/product/HIR15-RC05)



#### HIR15P

PIR Highbay | 0-10V dimmable | Adjustable detection range

[www.hytronik.com/product/HIR15P](http://www.hytronik.com/product/HIR15P)



#### HMW27/AA

HF Lowbay | Tri-level/DALI with PSU | Adjustable Angle

[www.hytronik.com/product/HMW27-AA](http://www.hytronik.com/product/HMW27-AA)



#### SAM12/RC05

HF Lowbay VDC | Tri-level dimming/0-10V | IDC Connector to LED Driver

[www.hytronik.com/product/SAM12-RC05](http://www.hytronik.com/product/SAM12-RC05)



#### SAM15/RC05

HF Highbay | Tri-level & 0-10V | Zhaga Book 18 Standard

[www.hytronik.com/product/SAM15-RC05](http://www.hytronik.com/product/SAM15-RC05)



#### SAM5

HF Lowbay | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/SAM5](http://www.hytronik.com/product/SAM5)



#### SAM5/AA

HF Lowbay | Tri-level & Adjustable Angle | RJ12 connector to control body

[www.hytronik.com/product/SAM5-AA](http://www.hytronik.com/product/SAM5-AA)



#### SAM5/FM

HF Lowbay | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/SAM5-FM](http://www.hytronik.com/product/SAM5-FM)



#### SAM5/I

HF Lowbay | Photocell Advance | RJ12 connector to control body

[www.hytronik.com/product/SAM5-I](http://www.hytronik.com/product/SAM5-I)



#### SAM5/IP65

HF Lowbay IP65 | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/SAM5-IP65](http://www.hytronik.com/product/SAM5-IP65)



#### SAM7

HF Lowbay | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/SAM7](http://www.hytronik.com/product/SAM7)



#### SAM7/AA

HF Lowbay | Tri-level & Adjustable Angle | RJ12 connector to control body

[www.hytronik.com/product/SAM7-AA](http://www.hytronik.com/product/SAM7-AA)

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## Options

Compatible products (for full functionality)



### **SAM7/FM**

HF Lowbay | Tri-level dimming | RJ12 connector to control body

[www.hytronik.com/product/SAM7-FM](http://www.hytronik.com/product/SAM7-FM)