User Manual

Remote controller Haisen HD05R (Iris p/n: RC-HD05R)

Quick programming

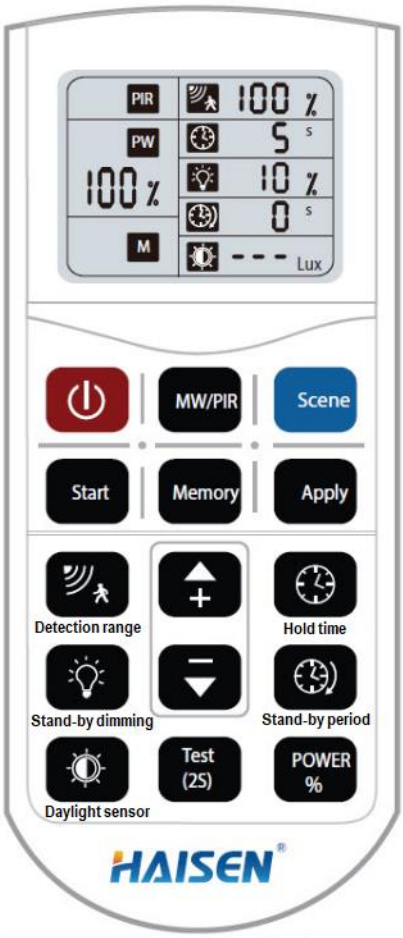
"Scene" button brings back factory default program

1. Press on Scene
2. Press on Apply by pointing the luminaire to be programmed with the remote control

Default setting						Application
Scene	100%	5s	0s	10%	disable	General

Note: *it will always be possible to change parameters afterwards*

Description of main functions



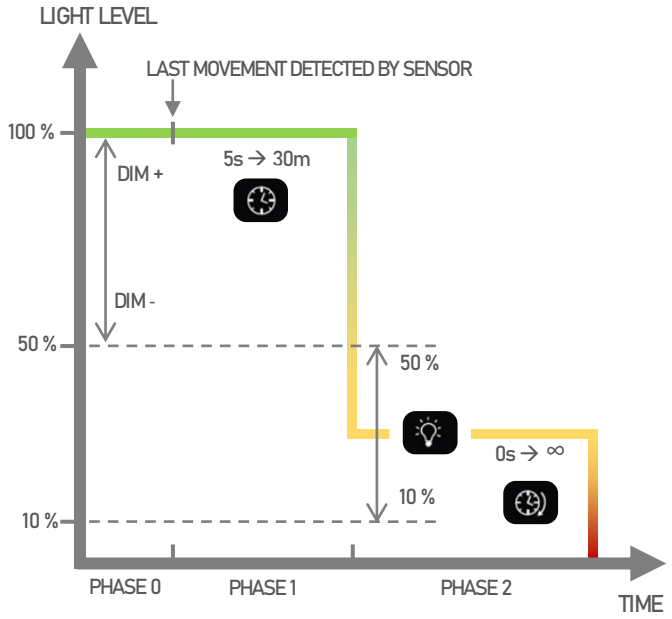
	To turn On/Off the luminaire or deactivate the motion sensor function
MW/PIR	To switch between microwave technology and PIR (Passive InfraRed) — Popular: MW
Scene	Activates detector/programming mode and restores factory default settings
Start Memory Apply	Buttons for saving the chosen settings and applying them to the luminaires within reach of the remote
	Motion sensor detection area 25% = narrow; 100% = wide
	Stand-by period dim level Light level during the stand-by period — Popular: from 30% to 50%
	Ambient light detection — Normally: disable
	Holding period Time to first reduction in light level — Popular : 30 min
	Stand-by period Time before the luminaire turns off — Populaire : + ∞ (never turns off)
POWER %	To increase or reduce the lighting level of the luminaire when a person is present
	Allows you to increase or decrease the values

Note: « Test (2s) key is not used

User Manual

Remote controller Haisen HD05R (Iris p/n: RC-HD05R)

Principle of operation



Phase 0 : As long as a person is detected by the sensor, the luminaire is at its maximum intensity.
Adjustable lighting level with « Power % »

Phase 1 : In the absence of movement, the luminaire will hold its maximum intensity for a selectable duration of 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min. (hold period)

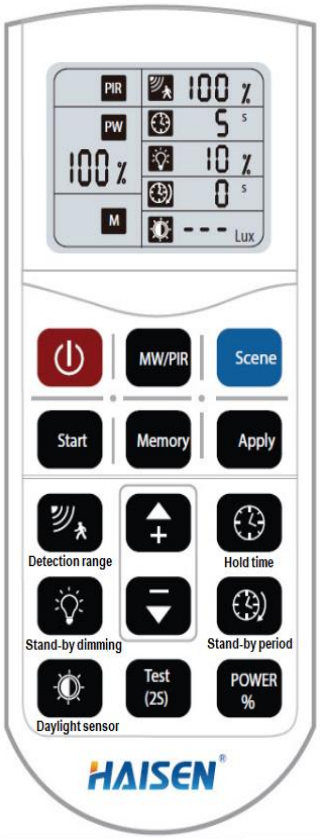
Phase 2 : If no movement is detected during the hold period, the luminaire will dim to an adjustable intensity of 10% / 20% / 30% / 50% (stand-by period).

The reduced light level will be maintained for a selectable duration of 0s / 10s / 30s / 1min / 5min / 10min / 30min / 60min / - - before going off.

Example:
By adjusting the stand-by period to 0s, the luminaire will turn off directly after the hold period without going through a reduction in lighting.

By adjusting the stand-by period to - -, the light will keep its intensity reduced indefinitely without ever turning off in the absence of movement.

Detailed programming procedure



Procedure

Scene — 1- Press to activate programming mode

Start — 2- Press on « Start » (S flashes) and press the parameter to be modified (parameter icon flashes)

+ / − Modify the parameters using the + or - keys

Memory — 3- Press once all parameters have been changed

Apply — 4- Select the motion sensor detection area
note: the wider the area, the faster motion is detected

Notes

Select the motion sensor detection area
note: the wider the area, the faster motion is detected

Select the stand-by period dim level
Note: lighting level is a % of maximum intensity

Select the duration of the hold period
note: if no movement, intensity remains at maximum for this duration

Select the duration of the stand-by period
note: length of time the luminaire remains in reduced lighting before switching off

Disable the function « Ambient light detection »

IRIS PERFORMANCE

User Manual

Remote controller Haisen HD05R (Iris p/n: RC-HD05R)

Recommendations for the optimum operation of motion sensors

1-	Maintain a minimum distance of 3 meters between motion sensors.
2-	Suspended fixtures should be installed on rods instead of chains to prevent fixture movement. Movement of the luminaire may trigger false motion detection.
3-	The motion sensor does not differentiate between a human and any other moving objects within its detection zone. So, beware of fans, forced air heating equipment, conveyors or any other equipment that could create movement on objects and thus trigger a false detection
4-	Large reflective surfaces (metal, concrete or glass) near a motion sensor may cause false detections due to microwave reflection off these surfaces.
5-	We recommend a preliminary installation of a few luminaires to validate the performance of the motion sensors in the project environment.
6-	**Caution:** The installation of a luminaire equipped with a motion sensor does not replace the installation of a night light for security. Light fixtures with a motion sensor are intended to reduce power consumption, not to replace a circuit breaker.