

HB7B Motion Sensor Remote

Required for HB7B-SENSOR

FUNCTION BUTTONS

ON/OFF

Manually turns the fixture on/off. Overrides other function settings. Press Auto Mode, Reset, or Scene Mode to exit the on/off function. When "off" the fixture will remain and 10% but not turn fully off.

AUTO MODE

Activates the sensor functionality. Press this button to start programming the sensor settings, or to turn on the sensor mode.

RESET

Resets the sensor to default settings: 100% Detection Range, 5s Hold Time, 0s Stand-By Time, Daylight Threshold disabled.

SCENE MODE

Will override any other functions and activate one of the pre-set scene modes: SC1, SC2, SC3, SC4. See below chart for settings.

Scene Mode	Detection Area	Hold Time	Daylight Threshold	Stand-by Period	Stand-by Dimming
SC1	100%	30s	2 Lux	1 min	10%
SC2	100%	5 min	10 Lux	10 min	10%
SC3	100%	10 min	50 Lux	30 min	10%
SC4	100%	30 min	Disabled	+∞	10%

SETTING BUTTONS

DETECTION AREA

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

HOLD TIME

Press to select the amount of time the fixture will stay at 100% brightness before dimming down to the **Stand-By Dimming Level**, assuming there has been no motion detection for the set **Hold Time** (5s, 30s, 1min, 3min, 5min, 10min, 20min, 30min). If motion is detected, the **Hold Time** will reset.

STAND-BY DIMMING LEVEL

Press to select the brightness level (10%, 20%, 30%, 50%) that the fixture will dim to once the **Hold Time** has expired and no motion has been detected. The fixture will remain at this brightness level for the set **Stand-By Period**.

STAND-BY PERIOD

Press to select how long the fixture will stay at the **Stand-By Dimming Level** providing no motion has been detected during that time. If motion is detected during the **Stand-By Period** (0s, 10s, 30s, 1min, 5min, 10min, 30min, +∞) the fixture will return to 100% brightness and remain on for the selected **Hold Time**.

Note: "0s" means the fixture will dim to the lowest setting immediately after the **Hold Time** has expired, and "+∞" means the **Stand-By Period** is disabled and the fixture will remain at the **Stand-By Dimming Level** indefinitely, until motion is detected

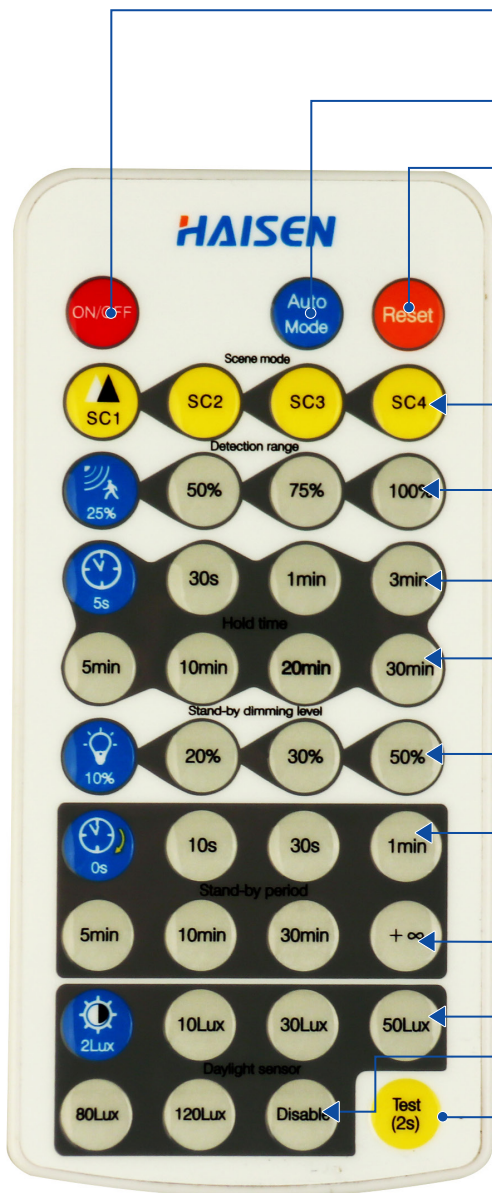
DAYLIGHT THRESHOLD

Press to select the daylight harvesting level (2lux, 10lux, 30lux, 50lux, 80lux, 120lux, disable). The sensor will measure natural light and maintain the selected level as a minimum. The sensor will automatically dim if enough natural light is detected based on the selected lux level.

Note: "Disable" setting means the light will function regardless of natural light levels. This is recommended for most interior applications, especially when no significant natural light is present.

TEST (2s)

Press for testing purposes after commissioning. This will keep all saved settings, except the **Hold Time** will temporarily be set to 2s while in this mode. The sensor will remain in **Test Mode** until one of the other function buttons is pressed. Pressing **Auto Mode** will resume regular sensor operation and return the **Hold Time** to the saved setting



NOTES:

- This sensor will only dim the fixture to 10%, but will not turn the fixture fully off. To power off the fixture there must be line voltage interruption from an external line voltage switch or relay.
- Stand directly under the fixture being programmed. No pairing is required, the remote and sensor will work based on proximity.
- After pressing the on/off button, the setting buttons will be disabled.

- Press Auto Mode, Scene Mode, or Reset buttons to enable the setting buttons and to begin programming the sensor.
- The fixture will dim momentarily when it receives a signal from the remote. This indicates that the setting has been saved.
- All changes are saved automatically.
- Only one remote is required for unlimited HB7B motion sensors