

P8 LR HC/HF

PRODUCT MANUAL

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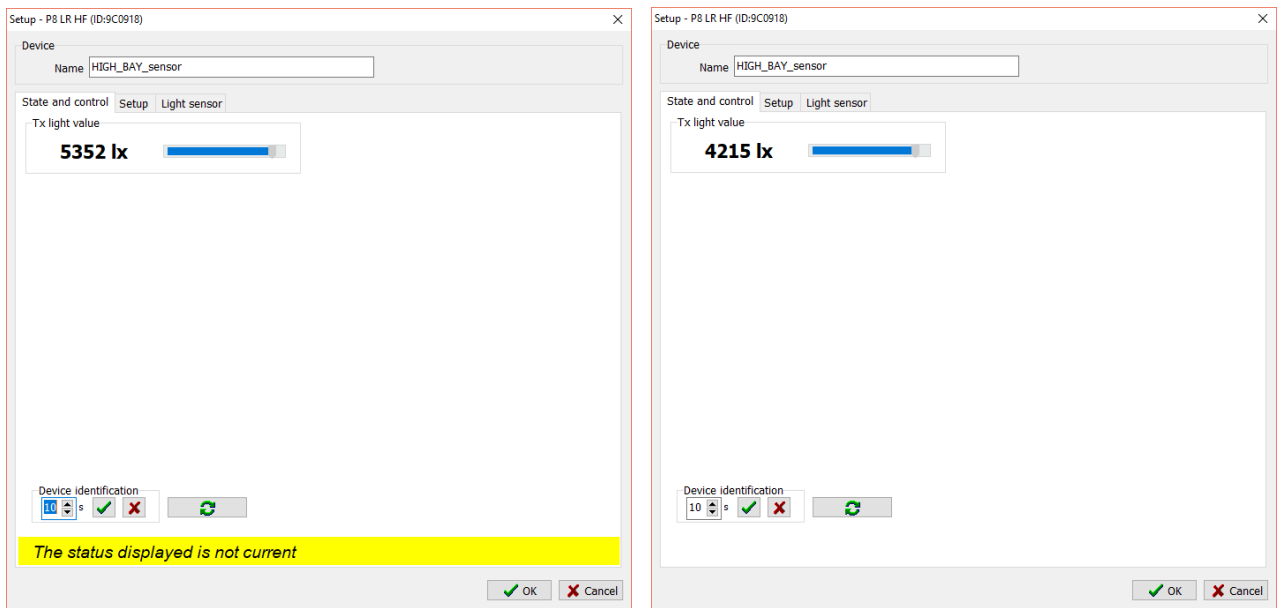
1 Intro

This material includes description of the Occupancy and light regulator structure, its cards and selected examples of settings.

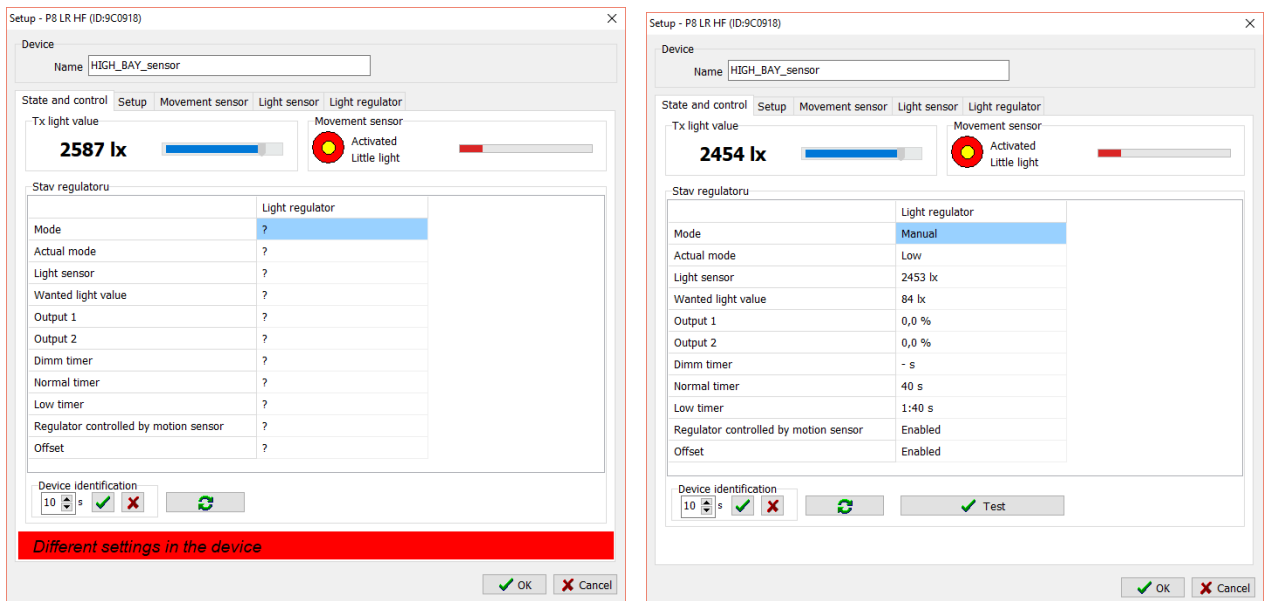
2 State and control card

State and control card provides information on actual settings. Yellow or red notes provide information that the sensor does not include actual values and that refresh is needed. The refresh is done by click on the refresh button with two green arrows.

State and control card for sensors at factory setting – only light sensor is active.

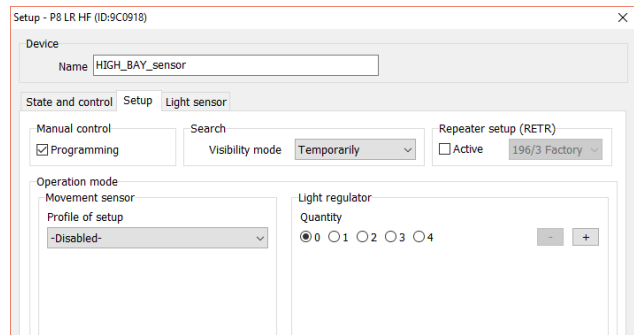


State and control card after activation of movement and light sensor (before and after refresh)



3 Set up card

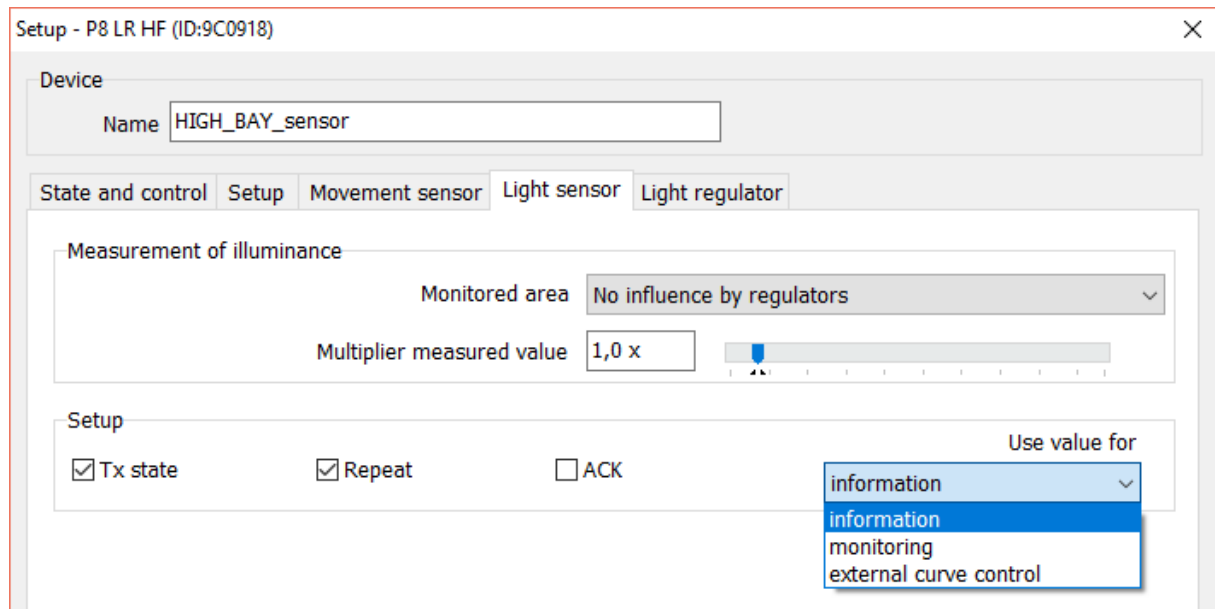
In the factory setting the OL regulator has all transmission functions OFF which is indicated by green flashing of the built-in LEDs approximately once a minute.



4 Light sensor

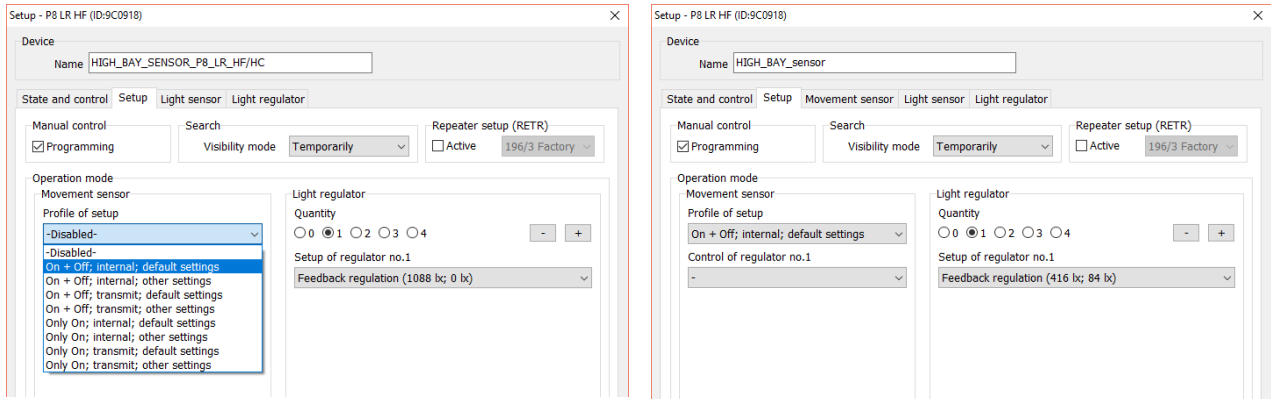
Light sensor card includes drop down menu to select the use of the values measure by light sensor. For feedback regulation use the information mode.

In the Measurement of illuminance section, it is possible to set adjustment of influence of the artificial light (light from the LED lamps resp. the reflected light by the floor) on the light sensor. For further info contact technical support at enika@enika.cz

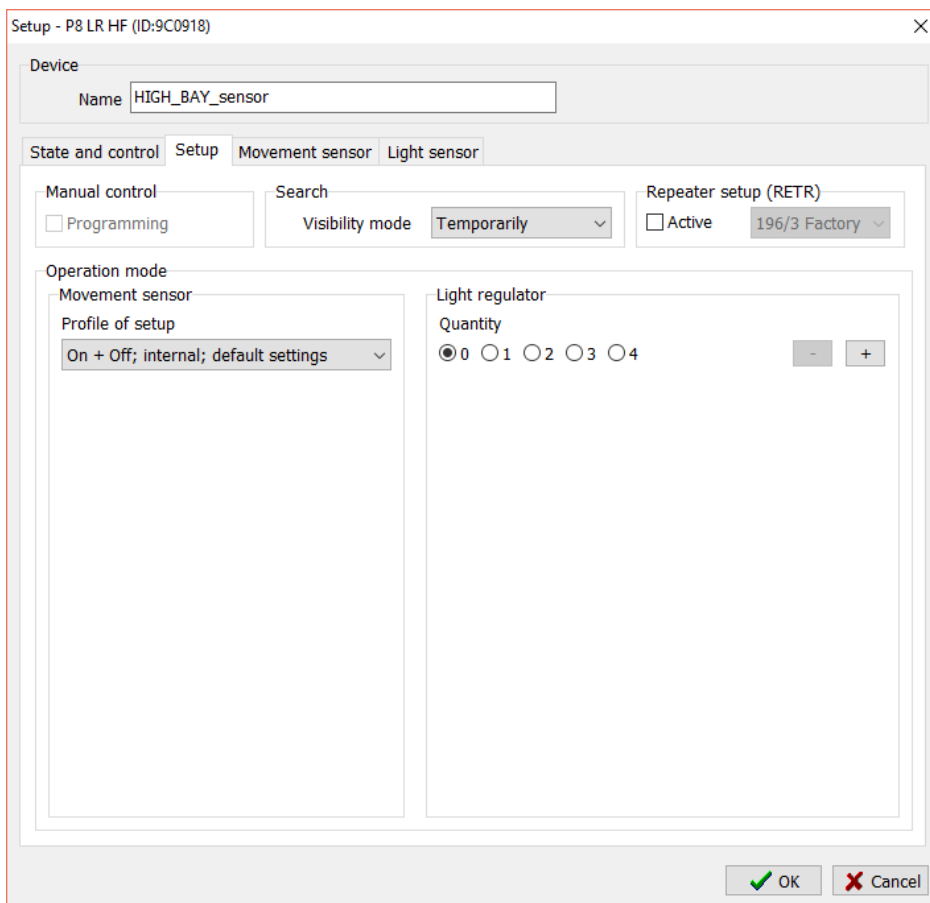


5 Movement sensor

To activate the movement sensor, select one of the Profiles you intend to use for the movement sensor at the Setup card/Operation mode part. In case you want the movement sensor to control the internal light regulator select 1 at the Light regulator part. If you wish to adjust movement sensor settings go to Movement sensor card.



In case the device is used only as movement sensor, select appropriate mode of movement sensor ON + OFF or Only ON - see below and in the next chapter. Also for movement detection do not select any Light regulator as indicated below.



5.1 Setting of movement sensor Mode: ON + OFF

Mode ON + OFF: the movement sensor transmits two different signals to the connected receiver. The first one is the turn ON signal, the second one is the OFF signal. The turned ON state (closed state) lasts as long as the sensor senses movement plus for a period of time set as a Timer. The mode ON+OFF is suitable for applications, where the OL regulator controls just one receiver.

Mode	Control	Settings	Description
On + Off	internal	default	Movement sensor controls only internal light regulator and Option Activate after power on is enabled .
On + Off	internal	other	Movement sensor controls only internal light regulator Option Activate after power on is disabled .
On + Off	transmit	default	Movement sensor controls internal light regulator and also other connected devices, Option Activate after power on is enabled .
On + Off	transmit	other	Movement sensor controls only internal light regulator and also other connected devices, Option Activate after power on is disabled .

Mode: On+Off

Activate after power on is used for immediate activation of the connected lamps to the Start value (at the card Light Regulator /Start value).

Lighting – the light level threshold. The movement sensor reacts only if the actual light level is below the set value. This value is displayed at the **State and control** rad in the Movement sensor section by “Plenty of light/ Little light” message. *Corresponds to the LIGHT button on the device.*

Timer - is used to set the time for the sensor to delay sending the switch OFF signal after there is no movement sensed.

Insensitivity – set the sensitivity of the sensor. A higher value means lower sensor sensitivity, i.e. greater resistance to false presence indications (e.g. insect, small animals, etc.).

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Parameters

Mode: On + Off (dropdown) Activate after power on

Lighting: 15872 (dropdown) lx

Timer: 15,0 s (dropdown) H:MM:SS

Insensitivity: 45 (spinbox)

Light regulation control

For all regulators

Movement detected

Mode: Auto (dropdown)

Timing in automatic mode

Dimm timer: No change (dropdown)

Normal timer: Set from setup (dropdown)

Low timer: Set from setup (dropdown)

No movement

Mode: No change (dropdown)

Timing in automatic mode

Dimm timer: No change (dropdown)

Normal timer: No change (dropdown)

Low timer: No change (dropdown)

Tx state setup

Tx state Repeat ACK

OK Cancel

5.2 Setting of movement sensor Only On

Mode Only On: In Only ON mode the movement sensor transmits only the ON signal. Timer is set at the connected receivers. The Only ON mode is suitable for applications with more OL regulators which control one receiver. The connecting link between the OL regulator and the receiver must be set as TIMER.

Mode	Control	Settings	Description
Only On	internal	default	Movement sensor controls only internal light regulator and Option Activate after power on is enabled .
Only On	internal	other	Movement sensor controls only internal light regulator Option Activate after power on is disabled .
Only On	transmit	default	Movement sensor controls internal light regulator and also other connected devices, Option Activate after power on is enabled .
Only On	transmit	other	Movement sensor controls only internal light regulator and also other connected devices, Option Activate after power on is disabled .

Mode: Only On

Activate after power on is used for immediate activation of the connected lamps to the Start value (at the card Light Regulator /Start value).

Lighting – set the light level threshold. The movement sensor reacts only if the actual light is below the threshold. This value is displayed at the **State and control** window in the Movement sensor section by “Plenty of light/ Little light” message. *Corresponds to the LIGHT button on the device.*

Minimal Tx Period for *Only On* Mode is used to set the min. time for the sensor to send the information about presence.

Note: Always set this time to be shorter than the Normal timer and Low timer in the *Automatic regulation mode*.

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Parameters

Mode: Only On Activate after power on

Lighting: 15872 lx

Minimal Tx period: 15,0 s H:MM:SS

Insensitivity: 45

Light regulation control

For all regulators

Movement detected

Mode: Auto

Timing in automatic mode

Dimm timer: No change

Normal timer: Set from setup

Low timer: Set from setup

Tx state setup

Tx state ACK

OK Cancel

Timer - for *On/Off* mode is used to set the time for the sensor to activate the off mode set in the Light regulation control section in the No movement part. Corresponds to TIME button on the device.

Insensitivity – set the sensitivity of the sensor. A higher value means lower sensor sensitivity, i.e. greater resistance to false presence indications (e.g. insect, small animals, etc.).

6 Light regulator – Set up Card

To activate the light regulator for the feedback daylight regulation, select 1 at the Quantity menu at the section Light regulator. If you wish to adjust movement sensor settings go to Light regulation card.

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Light sensor | Light regulator

Manual control
 Programming

Search
Visibility mode: Temporarily

Repeater setup (RETR)
 Active 196/3 Factory

Operation mode
Movement sensor
Profile of setup: -Disabled-

Light regulator
Quantity: 0 1 2 3 4

Setup of regulator no.1
Feedback regulation (736 lx; 400 lx)

OK Cancel

In case you do not wish to use the movement sensor select "Disabled" at the Movement sensor section.

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Manual control
 Programming

Search
Visibility mode: Temporarily

Repeater setup (RETR)
 Active 196/3 Factory

Operation mode
Movement sensor
Profile of setup: On + Off; internal; default settings

Control of regulator no.1
other settings

Light regulator
Quantity: 0 1 2 3 4

Setup of regulator no.1
Feedback regulation (736 lx; 400 lx)

OK Cancel

In case you wish to use movement sensor to control the Light regulator use following settings of the Set up card.

6.1 Setting of Light regulator

Wanted light value – set the light value to which connected lamps should be regulated.

Dimmer – set the level of output and the Timer for the lights controlled by the Light regulator in the Auto mode to stay at dimmer mode

Normal – set the light value for regulation to the requested level and the Normal Timer

Low – set the value for regulation to the requested low light level and the Low Timer

Auto mode setup – set the regulator behaviour in *Auto mode* after both the *Normal and Low timers* expire. Options:

Full functionality – the regulator stays in the automatic mode and sets the output signal to the value 0 %.

Keep normal level – the regulator will remain in low level mode. **Keep low level** – the regulator will remain in low level mode. **Disables auto mode** – both the regulation and automatic mode will turn off.

Regulation parameters – use the **Hysteresis** and **Change period** values to set the optimal ratio of sensitivity and speed of light regulation and at the same time to prevent any fluttering of connected lamps.

State after power failure – select the regulator behaviour in case power is restored after a previous failure. **Off** – regulation will not start. **Low** – the regulation on the Low light level will start. **Normal** – the regulation on the Normal light level will start. **Dimmer** – the dimmer mode will be started. **Restore** – the system will return to the state prior the power failure to the *Mode* and *Wanted light value* (Normal and Low). **Auto** – the system will return to Auto mode. The option Auto allows to select which timers shall be activated after the powers supply is on.

Dimmer mode setup – set the speed of the dimming.

Rise/Decay – set the speed of change of light power output from 0 to 100%/ 100 to 0% for the ON/ OFF function.

Manual – set the speed of change for manual control (when the transmitter button is kept pushed). The speed is the same when increasing or decreasing the light intensity.

Regulation output parameters

Maximum level – set the maximum level of output to which the light can be dimmed by the light regulator

Minimum level – set the minimum level of output to which the light can be dimmed by the light regulator. Note: Use this option to prevent unpleasant switching ON/OFF of the connected lights in case a changeable weather (very fast changes of light levels – e.g. cloudy weather).

Insensitivity time – set the time for lights to stay at the Minimum level.

Off (lx) - if the set the lux level is lower than the actual ambient lux level then the connected lights will stay in the minimum level. If the actual ambient lux level (Light sensor value at the State and control card) is higher for more than the Insensitivity time the lights will switch OFF.

Offset – use this option to regulate the second output to the different level (in %) compared to the first output. The offset function provides the possibility to use one OL regulator to control two groups of lamps to two different light levels, e.g. one line of lamps close to the windows and the second line close to the wall.

Start value – Set the value at which the light will be dimmed before starting the daylight regulation.

The screenshot shows a configuration window for 'Regulation output parameters'. It is divided into several sections:

- Regulation parameters:**
 - Hysteresis: 2,5 %
 - Change period: 1 s
 - Source of illuminance: In device
- Regulation output parameters:**
 - Maximum level: 78,0 %
 - Minimum level: 19,0 %
 - Insensitivity time: 1:30
 - Offset: +0,0 %
 - Start value: 65,5 %
 - Off: > 800 lx
- Regulation Tx setup:**
 - Tx state
 - Repeat
 - ACK

At the bottom right, there are two buttons: 'OK' (with a green checkmark) and 'Cancel' (with a red X).

TX state – this option enables the transmission of information from the Light regulator to be used by other components of the POSEIDON® system.

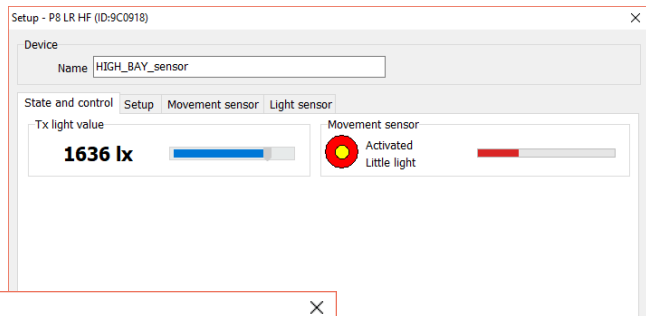
Repeat – select this option to send information repeatedly, even if no changes have been registered. Set the time using the Tx repeat period at the movement sensor card.

ACK – acknowledgement function. Select this option for the device to require acknowledgement of receipt of the information transmitted.

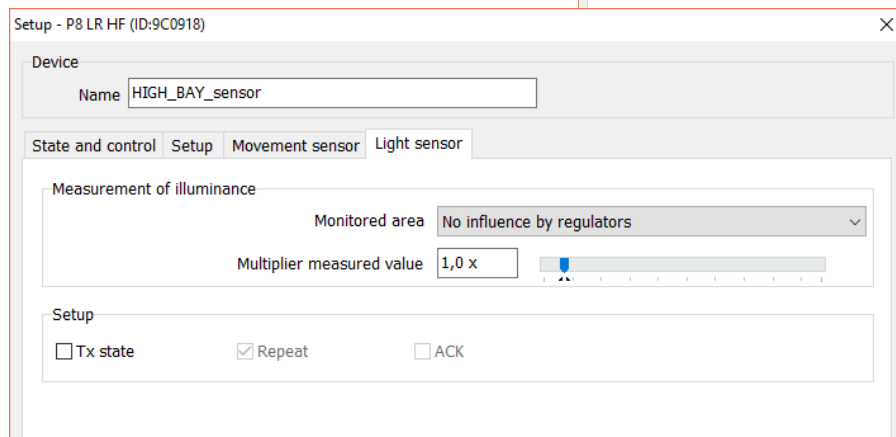
7 Movement based control of lights

7.1 Mode: Only On – one sensor

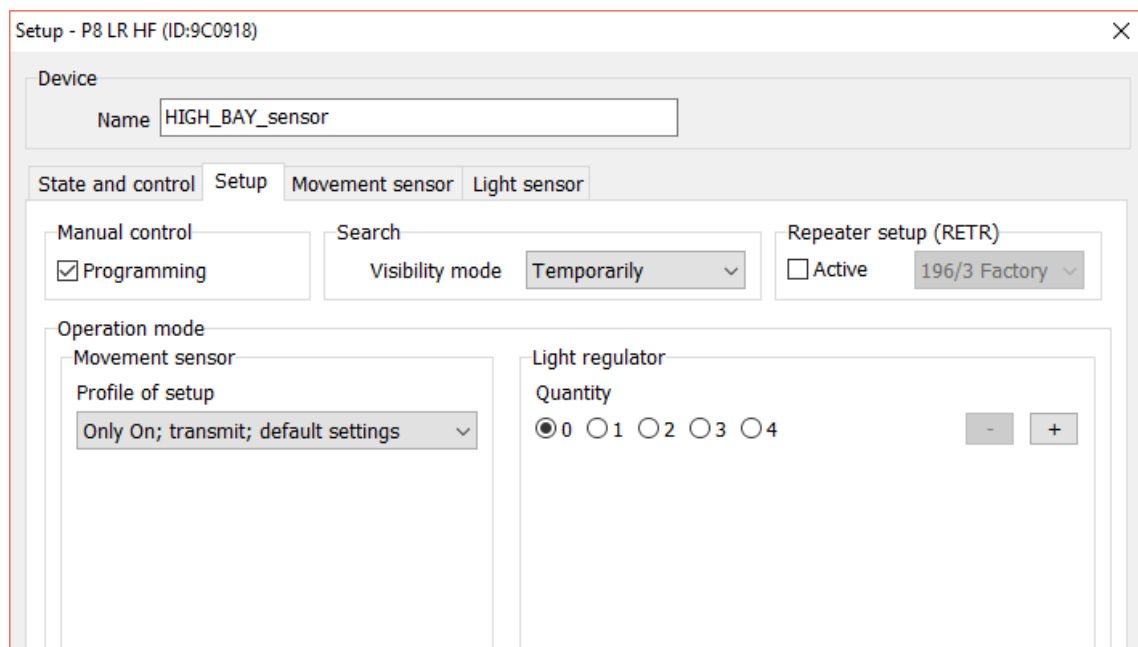
State and Control card



Light sensor card



Setup card



Movement sensor Card

Setup - P8 LR HF (ID:9C0918)

Device
Name

State and control | Setup | **Movement sensor** | Light sensor

Parameters

Mode Activate after power on

Lighting lx

Minimal Tx period H:MM:SS

Insensitivity

Tx state setup

Tx state ACK

Links

Link between movement sensor and DALI receiver/New: Timer + select DALI channels + Set wanted light level.

DALI receiver

HIGH_BAY_sensor - Movement

Movement

Action

<input type="radio"/> DIMM 1BTN	<input type="radio"/> TIMER/OFF
<input type="radio"/> DIMM 2BTN	<input type="radio"/> TIMER+OFF
<input type="radio"/> ON	<input type="radio"/> ADDTIMER
<input type="radio"/> OFF	<input type="radio"/> ADDTIMER/LTOFF
<input type="radio"/> ON/OFF	<input type="radio"/> ADDTIMER/OFF
<input checked="" type="radio"/> TIMER	<input type="radio"/> DIRECT

Link output

Channel 1 - DALI Group 0

Channel 2 - DALI Group 1

Channel 3 - DALI Group 2

Channel 4 - DALI Group 3

Time setup

Timer Delay

Use Low level

Low level timer

Slew rate

From setup Rise Decay

Set :

Level wanted

Level

Low level

Link Setup

Active Locked Security ACK

7.2 Mode: Only On – more sensors

Master sensor settings – see 5.1

Slave sensor settings

Setup - P8 LR HF (ID:9C0918) ✕

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor

Parameters

Mode: Only On Activate after power on

Lighting: 2304 lx

Minimal Tx period: 15,0 s H:MM:SS

Insensitivity: 45

Tx state setup
 Tx state ACK

Movement sensor Card

Setup - (P8 LR C) (ID:070218) ✕

Device
Name: Movement sensor slave

State and control | Setup | Movement sensor | Light sensor | Light regulator

Parameters

Mode: Only On Activate after power on

Lighting: 352 lx Setup on device (TIME,LIGHT)

Minimal Tx period: 15,0 s H:MM:SS

Insensitivity: 32 Setup on device (SENS)

Light regulation control
 Follow SENS on device

Light regulator

Movement detected
Mode: No change

Auto mode timers
Dimm timer: No change
Normal timer: Set from setup
Low timer: Set from setup

Tx state setup
 Tx state ACK

Links

Movement sensor Slave to Master movement sensor

Lighting detector bypass – the Master sensor sends command to switch on lights when it receives information about movement from the Slave movement sensor even if the current Lighting level is lower than set at the Master movement sensor parameters.

The screenshot shows the configuration window for a movement sensor. The title is "HIGH_BAY_sensor" and the device is "P8 TR PS BIC II - Movement".

- Movement
- Link output: Movement
- Action: Movement, Off, Timer, Add timer
- Time setup: Timer [dropdown] H:MM:SS
- Lighting detector bypass, Off when button hold
- Link Setup: Active, Locked, Security, ACK

Buttons: OK, Cancel

Note: Make sure that the Timer set between the Master sensor is greater than the Minimal Tx period set on the slave movement sensor.

Master movement sensor to DALI

The screenshot shows the configuration window for a DALI receiver. The title is "DALI receiver" and the device is "HIGH_BAY_sensor - Movement".

- Movement
- Action: DIMM 1BTN, DIMM 2BTN, ON, OFF, ON/OFF, TIMER, TIMER/OFF, TIMER+OFF, ADDTIMER, ADDTIMER/LTOFF, ADDTIMER/OFF, DIRECT
- Link output: Channel 1 - DALI Group 0, Channel 2 - DALI Group 1, Channel 3 - DALI Group 2, Channel 4 - DALI Group 3
- Time setup: Timer **1:00** (circled in red), Delay 0, Use Low level, Low level timer -
- Level wanted: Level slider at 50,0%, Low level slider at -%
- Slew rate: From setup, Rise 1, Decay 2, Set :
- Link Setup: Active, Locked, Security, ACK

Buttons: OK, Cancel

8 Daylight regulation

8.1 Daylight regulation started by button

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Light sensor | Light regulator

Manual control
 Programming

Search
Visibility mode: Temporarily

Repeater setup (RETR)
 Active 196/3 Factory

Operation mode

Movement sensor
Setup profile: -Disabled-

Light regulator
Quantity: 0 1 2 3 4
Setup of regulator no.1: Feedback regulation (512 lx; 256 lx)

OK Cancel

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Light sensor | Light regulator

Setup profile: Feedback regulation

Wanted light value

	Output control type	Wanted light value	Auto mode timers
Dimmer	Fixed output	100 %	10,0 s
Normal	Feedback controller	512 lx	1:00
Low	Feedback controller	256 lx	2:00

Auto mode setup
Full functionality

Dimmer mode setup
Rise/Decay: 5 s
Manual: 10 s

State after power failure
 Off Auto
 Low Restore
 Normal Dimmer

Regulation parameters
Hysteresis: 2,5 %
Change period: 1 s
Source of illuminance: In device

Regulation output parameters
Maximum level: 100 %
Minimum level: 0,0 %
Offset: +0,0 %
Start value: 80,0 %

Regulation Tx setup
 Tx state Repeat ACK

OK Cancel

Links

Button transmitter to light regulator

HIGH_BAY_sensor

4bnt transmitter

Top left Top right
 Bottom left Bottom right

Action

- Regulation 1 btn
- Regulation
- Dimmer 1-btn
- Dimmer
- On + Off
- On
- Off
- On/Off
- Value regulation
- Direct control
- Mode
- Special function
- Special function
- Radio light sensor

Link output

Light regulator 2 3 4

On action setup

Mode: **Normal** (dropdown)
 New level use

Auto mode timers

Dimm timer: **No change** (dropdown)
Normal timer: **Set from setup** (dropdown)
Low timer: **Set from setup** (dropdown)

Off action setup

Mode: **Off** (dropdown)
 New level use

Auto mode timers

Dimm timer: **No change** (dropdown)
Normal timer: **No change** (dropdown)
Low timer: **No change** (dropdown)

Wanted levels

Level setup enable

Link Setup

Active Locked Security

Light regulator to DALI

DALI receiver

HIGH_BAY_sensor - Light regulator

Output 1 Output 2 Mode

No conversion (dropdown)
- (dropdown) - (dropdown)

Action

- DIMM 1BTN
- DIMM 2BTN
- ON
- OFF
- ON/OFF
- TIMER
- TIMER/OFF
- TIMER+OFF
- ADDTIMER
- ADDTIMER/LTOFF
- ADDTIMER/OFF
- DIRECT

Link output

Channel 1 - DALI Group 0
 Channel 2 - DALI Group 1
 Channel 3 - DALI Group 2
 Channel 4 - DALI Group 3

Time setup

Timer: 0 (spin) Delay: 0 (spin)

Use Low level Low level timer: -

Slew rate

From setup Rise: 1 (dropdown)
 Set : Decay: 2 (dropdown)

Level wanted

Level: 100,0 % (slider)
Low level: - % (slider)

Link Setup

Active Locked Security ACK

State and control card – daylight regulation controlled by button

after the regulation was started by button

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Light sensor | Light regulator

Tx light value
3,46 lx

Stav regulatoru

	Light regulator
Mode	Manual
Actual mode	Normal
Light sensor	3,46 lx
Wanted light value	512 lx
Output 1	40,0 %
Output 2	40,0 %
Dimm timer	- s
Normal timer	35 s
Low timer	1:35 s
Regulator controlled by motion sensor	Enabled
Offset	Enabled

Manual control M-Control

Device identification: 10 s

OK Cancel

the regulation was switched off by button

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Light sensor | Light regulator

Tx light value
3,58 lx

Stav regulatoru

	Light regulator
Mode	Manual
Actual mode	Off
Light sensor	3,58 lx
Wanted light value	-
Output 1	0,0 %
Output 2	0,0 %
Dimm timer	- s
Normal timer	- s
Low timer	- s
Regulator controlled by motion sensor	Enabled
Offset	Enabled

Manual control M-Control

Device identification: 10 s

OK Cancel

8.2 Daylight regulation controlled by movement sensor

Set up Card

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Manual control
 Programming

Search
Visibility mode: Temporarily

Repeater setup (RETR)
 Active 196/3 Factory

Operation mode

Movement sensor
Setup profile: On + Off; internal; default settings

Control of regulator no.1
other settings

Light regulator
Quantity: 1

Setup of regulator no.1
Feedback regulation (512 lx; 256 lx)

Movement sensor Card

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Parameters

Mode: Only On Activate after power on

Lighting: 2432 lx

Minimal Tx period: 15,0 s H:MM:SS

Insensitivity: 61

Light regulation control

Light regulator

Movement detected
Mode: Auto

Auto mode timers

Dimm timer: No change

Normal timer: Set from setup

Low timer: Set from setup

Tx state setup
 Tx state ACK

OK Cancel

Light regulator card

Setup - P8 LR HF (ID:9C0918) ✕

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Setup profile Feedback regulation

Wanted light value

Dimmer	Output control type	Wanted light value	Auto mode timers
	Fixed output	100 %	10,0 s
Normal	Feedback controller	512 lx	1:00
Low	Feedback controller	256 lx	2:00

Auto mode setup
Full functionality

Dimmer mode setup
Rise/Decay: 5 s
Manual: 10 s

State after power failure
 Off
 Low
 Normal
 Auto
 Restore
 Dimmer

Regulation parameters
 Hysteresis: 2,5 %
 Change period: 1 s
 Source of illuminance: In device

Regulation output parameters
 Maximum level: 100 %
 Minimum level: 0,0 %
 Offset: +0,0 %
 Start value: 80,0 %

Regulation Tx setup
 Tx state
 Repeat
 ACK

State and control card - Daylight regulation controlled by movement sensor – ON by movement

Setup - P8 LR HF (ID:9C0918) ✕

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Tx light value: **198 lx**

Movement sensor: Activated Little light

Stav regulatoru	
	Light regulator
Mode	Auto
Actual mode	Normal
Light sensor	198 lx
Wanted light value	736 lx
Output 1	38,5 %
Output 2	38,5 %
Dimm timer	- s
Normal timer	25 s
Low timer	55 s
Regulator controlled by motion sensor	Enabled
Offset	Enabled

Manual control: M-Control

Device identification: 10 s

State and control card - Daylight regulation controlled by movement sensor


Low Level – Low timer is running

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Tx light value: **133 lx**

Movement sensor:  Inactive Little light

Stav regulatoru

	Light regulator
Mode	Auto
Actual mode	Low
Light sensor	132 lx
Wanted light value	400 lx
Output 1	100 %
Output 2	100 %
Dimm timer	- s
Normal timer	- s
Low timer	55 s
Regulator controlled by motion sensor	Enabled
Offset	Enabled

Manual control: M-Control

Device identification: 10 s

OK Cancel


OFF by no movement – Timers expired

Setup - P8 LR HF (ID:9C0918)

Device
Name: HIGH_BAY_sensor

State and control | Setup | Movement sensor | Light sensor | Light regulator

Tx light value: **124 lx**

Movement sensor:  Inactive Little light

Stav regulatoru

	Light regulator
Mode	Auto
Actual mode	Off
Light sensor	124 lx
Wanted light value	-
Output 1	0,0 %
Output 2	0,0 %
Dimm timer	- s
Normal timer	- s
Low timer	- s
Regulator controlled by motion sensor	Enabled
Offset	Enabled

Manual control: M-Control

Device identification: 10 s

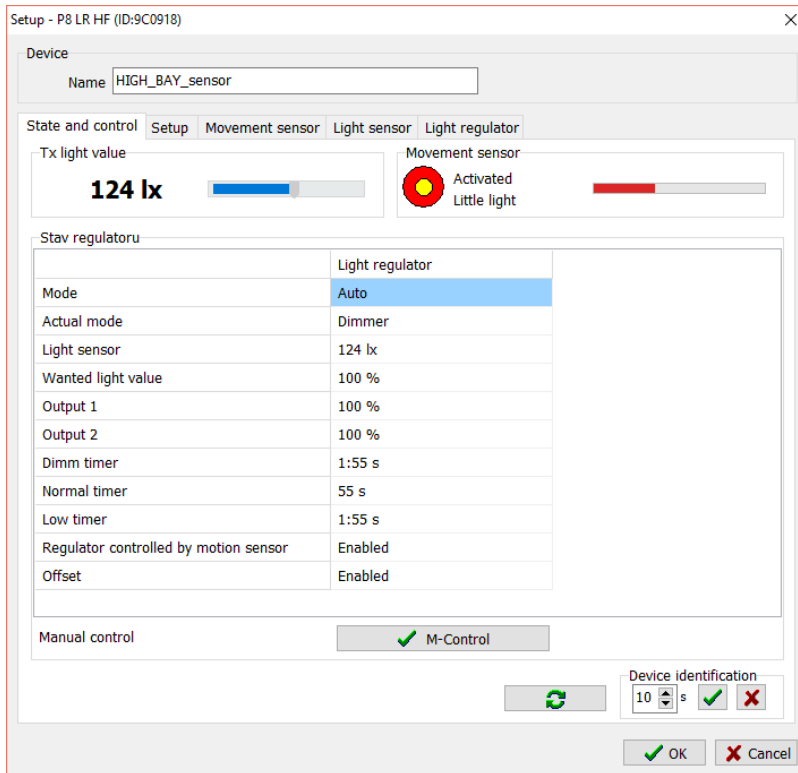
OK Cancel

8.3 Daylight regulation with temporary dimming override

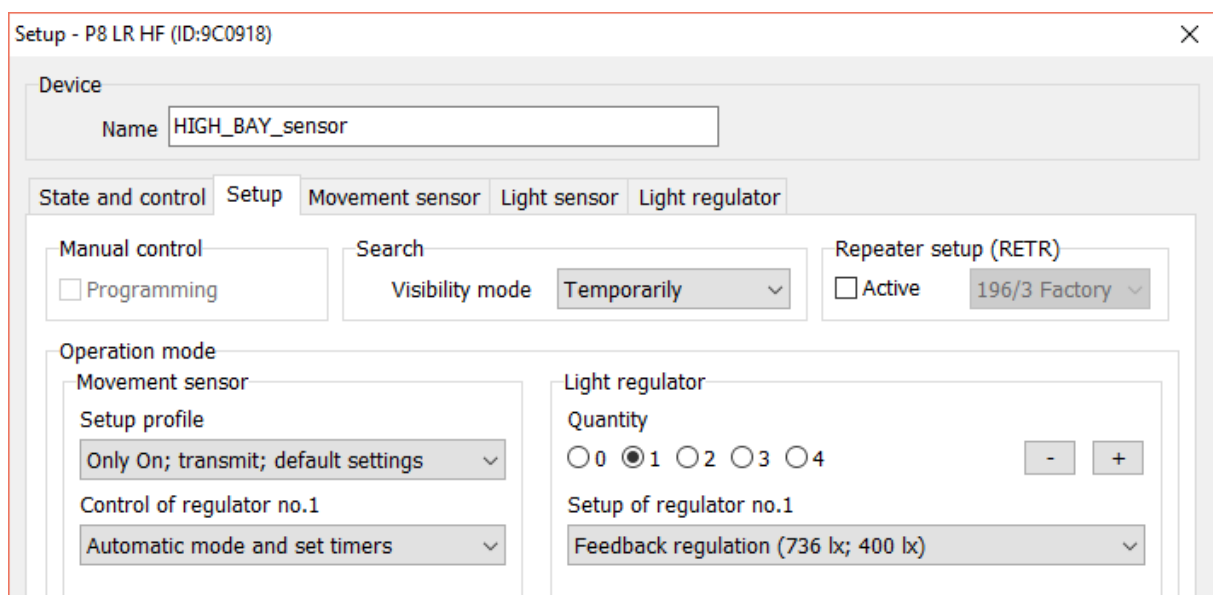
At this setting the daylight regulation is activated by movement sensor and if needed the temporary dimmer mode can be used by pressing a button. After the dimmer mode Timer is expired the movement-based daylight regulation is activated.

8.3.1 Settings

State and control card - after the dimmer mode is activated



Set up Card



Movement sensor Card

Setup - P8 LR HF (ID:9C0918) ✕

Device

Name

State and control Setup Movement sensor Light sensor Light regulator

Parameters

Mode Activate after power on

Lighting lx

Minimal Tx period H:MM:SS

Insensitivity

Light regulation control

Light regulator

Movement detected

Mode

Auto mode timers

Dimm timer

Normal timer

Low timer

Tx state setup

Tx state ACK

Daylight sensor settings Card

Setup - P8 LR HF (ID:9C0918) ✕

Device

Name

State and control Setup Movement sensor Light sensor Light regulator

Measurement of illuminance

Monitored area

Multiplier measured value

Setup

Tx state Repeat ACK

Daylight regulator Card

Setup - P8 LR HF (ID:9C0918) ✕

Device

Name

State and control | Setup | Movement sensor | Light sensor | Light regulator

Setup profile Feedback regulation ▼

Wanted light value

	Output control type	Wanted light value		Auto mode timers
Dimmer	Fixed output ▼	100 % ▼	<input type="range" value="100"/>	2:00 ▼
Normal	Feedback controller ▼	736 lx ▼	<input type="range" value="736"/>	1:00 ▼
Low	Feedback controller ▼	400 lx ▼	<input type="range" value="400"/>	2:00 ▼

Auto mode setup

Full functionality ▼

Dimmer mode setup

Rise/Decay s

Manual s

State after power failure

Off Auto + Dimm timer

Low Restore + Normal timer

Normal Dimmer + Low timer

Regulation parameters

Hysteresis %

Change period s

Source of illuminance

In device ▼

Regulation output parameters

Maximum level

Minimum level

Offset

Start value

Regulation Tx setup

Tx state Repeat ACK

8.3.2 Setting of links

Button transmitter activating temporary dimmer mode

HIGH_BAY_sensor

4bnt transmitter

Top left Top right
 Bottom left Bottom right

Action

- Regulation 1 btn
- Regulation
- Dimmer 1-btn
- Dimmer
- On + Off
- On
- Off
- On/Off
- Value regulation
- Direct control
- Mode
- Special function
- Special function
- Radio light sensor

Link output

Light regulator 2 3 4

On action setup

Mode: **Auto** (dropdown)
 New level use

Auto mode timers

Dimm timer: **Set from setup** (dropdown)
Normal timer: **Set from setup** (dropdown)
Low timer: **Set from setup** (dropdown)

Off action setup

Mode: **Off** (dropdown)
 New level use

Auto mode timers

Dimm timer: **No change** (dropdown)
Normal timer: **No change** (dropdown)
Low timer: **No change** (dropdown)

Wanted levels

Level setup enable

Link Setup

Active Locked Security

OK Cancel

Light regulator to DALI receiver

DALI receiver

HIGH_BAY_sensor - Light regulator

Output 1 Output 2 Mode

No conversion (dropdown)
- (dropdown) - (dropdown)

Action

- DIMM 1BTN
- DIMM 2BTN
- ON
- OFF
- ON/OFF
- TIMER
- TIMER/OFF
- TIMER+OFF
- ADDTIMER
- ADDTIMER/LTOFF
- ADDTIMER/OFF
- DIRECT

Link output

Channel 1 - DALI Group 0
 Channel 2 - DALI Group 1
 Channel 3 - DALI Group 2
 Channel 4 - DALI Group 3

Time setup

Timer: 0 Delay: 0

Use Low level Low level timer: -

Slew rate

From setup Rise: 1 Decay: 2
 Set :

Level wanted

Level: 100,0 % (slider)
Low level: - % (slider)

Link Setup

Active Locked Security ACK

OK Cancel

9 Contact

For the new software versions and product info visit our website www.enika.cz or use direct [link](#)

The registered users will get notifications immediately after publishing the changes on the website. To register use the following [link](#). Enter your contact data and company details.

Feel free to add details for the project you are currently working on.

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Note: The manufacturer reserves the right to implement any kind of changes without prior notice at any time.