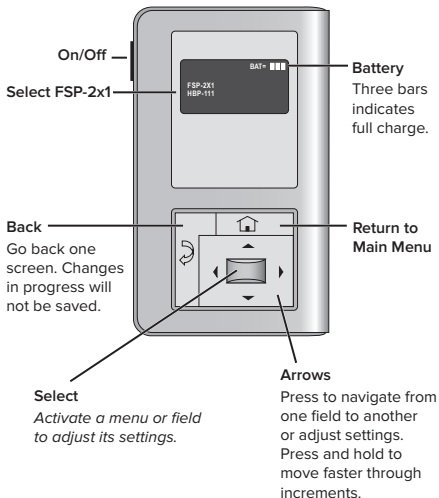


OCCUPANCY SENSOR REMOTE USER GUIDE

Use the handheld programming remote to test and adjust the settings of your occupancy sensor, which can accommodate up to six sensor parameter profiles. FSP-2X1 is the occupancy sensor installed in your fixture.



After selecting your sensor, you can adjust parameter settings, view current settings, copy settings from one sensor to another, test parameters, or manually turn your light on/off.

Adjust Settings

To adjust parameter settings, highlight New Settings on the Sensor Configuration menu. Point the remote at the desired sensor and press the Select button. Once all settings are finalized, select Save.

The following parameters can be adjusted for each sensor.

High Mode

The maximum brightness the light turns on to when motion is detected.

```
FSP-2X1 Settings
High Mode: <10 Volts>
Low Mode: <1 Volts>
Time Delay: <5 Min>
Cut Off: <1 hour>
Sensitivity: <Max>
Setpoint: <Dis>
NEXT SEND
```

- Recommended: 10 V
- Range: 0–10 V
- Increment: 0.2 V
- Default: 10 V

Low Mode

Light output is decreased to this minimum when motion is no longer detected. Used with Time Delay.

```
FSP-2X1 Settings
High Mode: <10 Volts>
Low Mode: <1 Volts>
Time Delay: <5 Min>
Cut Off: <1 hour>
Sensitivity: <Max>
Setpoint: <Dis>
NEXT SEND
```

- Recommended: 1.0
- Range: 0 (off)–9.8 V
- Increment: 0.2 V
- Default: Off

Time Delay

Number of minutes with no movement after which light output fades to Low Mode.

```
FSP-2X1 Settings
High Mode: <10 Volts>
Low Mode: <1 Volts>
Time Delay: <5 Min>
Cut Off: <1 hour>
Sensitivity: <Max>
Setpoint: <Dis>
NEXT SEND
```

- **Recommended: 5 minutes**
- Range: 30 seconds or 1–30 minutes
- Increment: 1 minute
- Default: 10 minutes

Cut Off

Period of time with no movement before the lights turn off (after fading to Low Mode). Can be disabled.

```
FSP-2X1 Settings
High Mode: <10 Volts>
Low Mode: <1 Volts>
Time Delay: <5 Min>
Cut Off: <1 hour>
Sensitivity: <Max>
Setpoint: <Dis>
NEXT SEND
```

- **Recommended: 1 hour**
- Range: 1–59 minutes or 1–5 hours
- Increment: 1 minute or 1 hour
- Default: Disable

Sensitivity

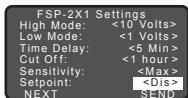
The motion sensitivity level of the sensor.

```
FSP-2X1 Settings
High Mode: <10 Volts>
Low Mode: <1 Volts>
Time Delay: <5 Min>
Cut Off: <1 hour>
Sensitivity: <Max>
Setpoint: <Dis>
NEXT SEND
```

- **Recommended: Max**
- Range: On-Fix, Off-Fix, Low, Med, Max
- Default: Max

Setpoint

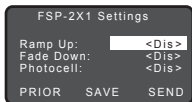
When motion is detected, the ambient light level (foot candle) threshold that keeps the lights off or at the low setting.



- **Recommended:**
Disabled
- Range: Auto, Disable, 1 fc to 250 fc
- Increment: 1 fc
- Default: Disable

Ramp Up

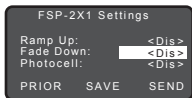
How quickly the light increases from Low Mode to High Mode.



- **Recommended:**
Disabled
- Range: 1–60 seconds
- Increment: 1 second
- Default: Disable

Fade Down

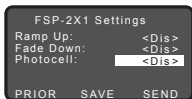
When Time Delay is reached, the light fades from High Mode to Low Mode.



- **Recommended:**
Disabled
- Range: 1–60 seconds
- Increment: 1 second
- Default: Disable

Photocell On/Off

When light level exceeds this setting, the light turns off even if the space is occupied. The sensor will monitor for a short period of time to confirm the light level increase is not temporary before forcing the light off.



- **Recommended: Disabled**
- Range: 1–250 fc
- Increment: 1 fc
- Default: Disable

View Current Settings

To view the current settings in read-only mode, highlight Current Settings. Point the remote at the desired sensor and press Select.

Light Level

The light level reading can be used as a reference for setpoint adjustments.

Copy Settings

After you adjust parameters for one sensor and saved them as a profile, you can copy them to surrounding sensors using the Recall Profiles feature.

To use existing settings on another sensor, highlight Recall Profiles, point the remote at the desired sensor, and press Select. Select the desired profile and press Select again.

Test Parameters

To test a sensor's parameters, point the remote at the sensor with Test Mode highlighted, and press Select. Test Mode will disable after 10 minutes.

Note: Test Mode shortens the time delay to allow quick verification of coverage for motion detection.

Troubleshooting

If the display does not come on after pressing the power button, do the following, make sure the batteries are charged and installed correctly.

If the No Response screen appears, do the following:

- Make sure there are no obstructions between the remote and the sensor, and try again.
- Move closer to the fixture.
- Adjust the angle of the remote to point more directly at the sensor.
- Make sure the light fixture has power.

If the sensor is still unresponsive, there may be too much IR interference from other sources. Try programming the sensor at night when there is no daylight.



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