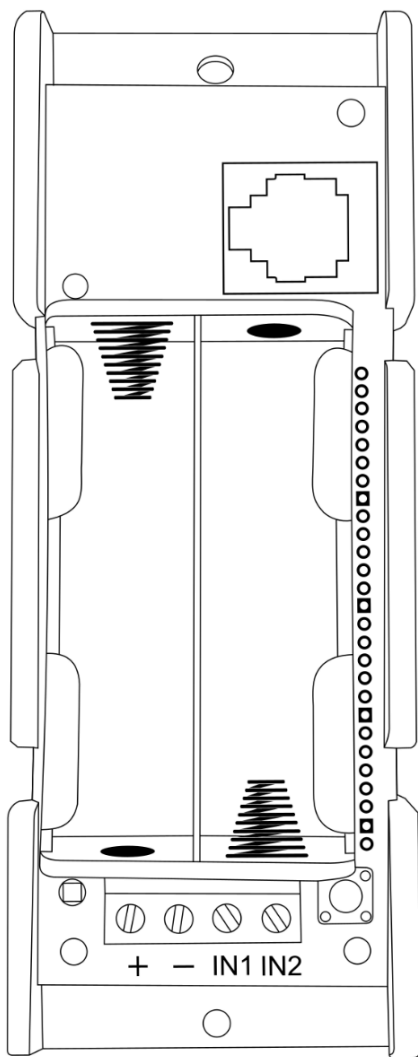


Link Module User Guide



- 868Mhz Two-Way wireless communication
- Built-in tilt and shock sensor
- Two inputs can be connected to third-party detectors to monitor alarm and tamper signals
- Auxiliary 3V output. Adjustable to always supply power or only when the system is armed
- Powered from 2 standard AA alkaline batteries
- 3 Year battery life

Contents

1	Pairing the Link module	3
1.1	Pairing the Link Module using the Mobile APP	3
1.2	Pairing the Link Module with the Keypad	3
2	Use the Link Module as a Repeater	4
3	Use the Link Module as a Tilt / Shock Sensor	4
4	Connect switches to monitor Alarm and Tamper signals	4
5	Install the Link module in a 3 rd Party Wireless Sensor	5
6	Tilt, Inputs and Output Configurations	6
6.1	Change the Tilt settings.....	6
6.2	Change the INPUT & OUTPUT settings	7

1 Pairing the Link module

1.1 Pairing the Link Module using the Mobile APP

- 1) Make sure the KwêHub is added to the App. If not, follow the KwêHub manual for details.
- 2) Navigate to “Devices” and press the “+” button. Enter a name and zone number for the Link module.



Zone numbers can be the same for different sensors (more than one sensor can have the same zone number). When an alarm is triggered, the buzzer in the KwêHub will sound a unique sequence for each zone.

- 3) The LED on the Link module will start to flash. Press the Tactile Switch while the LED is flashing. If the LED flashes stopped before the tactile switch was pressed, repeat the procedure from step 2.
- 4) The Link module will now appear as a new device in the App.


1.2 Pairing the Link Module with the Keypad



This is an alternative method to add devices if the Keypad is part of the Kwêbeam system. If the KwêHub is part of the system, it is recommended that the mobile App is used to add devices. See section ([Pairing the Link Module using the Mobile APP](#))

- Make sure the system is NOT armed.
- Connect the Keypad to the Programming Socket with the supplied cable.




- Press  to show the current Zone.
- Select **Zone 1 – 8**.



- Press & hold  to save the ZONE.



- LED  will illuminate to indicate successful pairing.

2 Use the Link Module as a Repeater

Repeater functionality is automatically enabled after successful pairing. The Link module will increase the communication range between the Sensors and the base unit.

3 Use the Link Module as a Tilt / Shock Sensor

The Link module can be used for Shock & Tilt detection. This is useful when mounted to equipment that needs to be protected against vandalism & theft. The module can be configured to monitor 24 Hour Trouble Events OR Alarm Events when the system is armed.

See “Change the Tilt settings” to change the Tilt sensor settings with the Keypad.

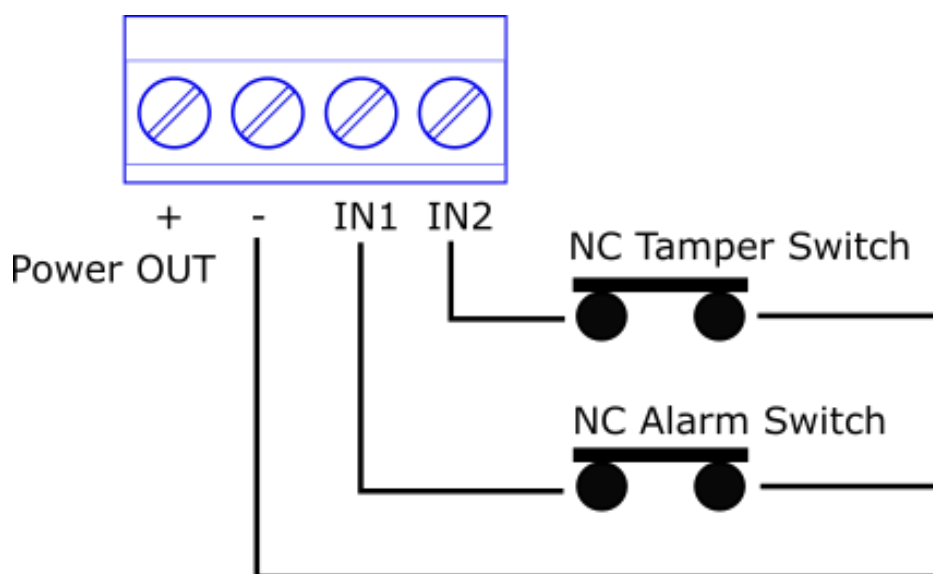
4 Connect switches to monitor Alarm and Tamper signals

IN1 will report an Alarm signal if the switch opens while the system is armed.

IN2 will report a Tamper signal if the switch opens (irrespective of the alarm status).

NOTE: DO NOT connect power to the “+” terminal. This terminal is the battery power output.

NOTE: Make sure the inputs are set to Normally Close (Trigger on a Low to High transition).
See “Change the INPUT & OUTPUT settings” to change the settings with the Keypad.



5 Install the Link module in a 3rd Party Wireless Sensor

IN1 will report an alarm signal if the input state changes while the system is armed.

IN2 will report a Tamper signal if the input state changes (irrespective of the alarm status).

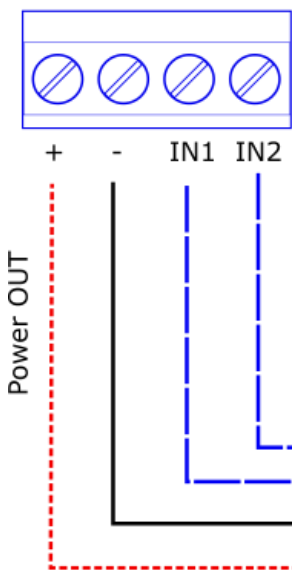
The “+” terminal is the battery voltage output to provide power for wireless sensors. The output can be set to provide power permanently OR only when the system is armed.

To extend battery life, set the output to be active only when armed, this will switch the wireless sensor off while the system is disarmed.

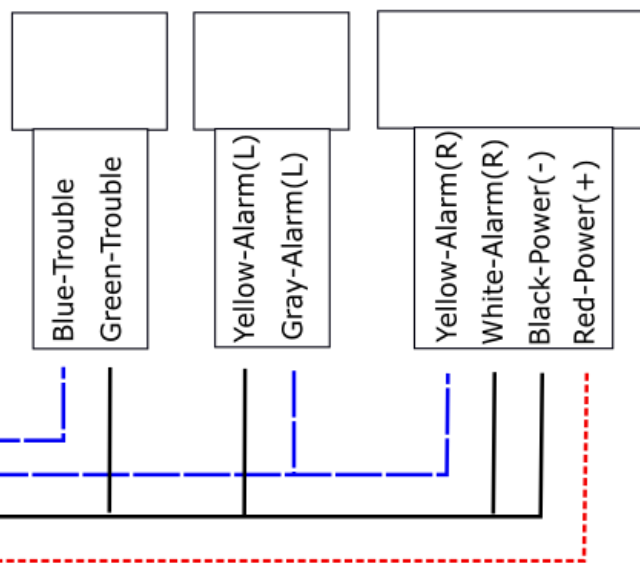
See “Change the INPUT & OUTPUT settings” to change the output setting and input trip polarities with the Keypad.

NOTE: DO NOT connect power to the “+” terminal. This terminal is the battery power output that can be used to power a wireless sensor.

Link Module



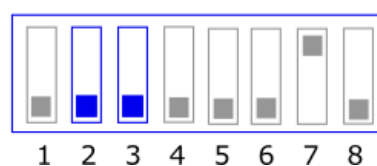
Optex BXS-R Sensor



Link settings settings on App

- 1) Input Polarity Trip: Low To High
- 2) Output Power: Power Alwas On

Optex dipswitch settings



6 Tilt, Inputs and Output Configurations




If the KwêHub is part of the system, it is recommended that the mobile App is used to change/update settings.


If no Kwêhub is available, and only the keypad is part of the system, use this as an alternative method to change settings on the Link module.

- Make sure the system is NOT armed.
- Connect the Keypad to the Programming Port with the supplied cable.




- Press  to show current selection.
- Select the desired setting (see settings options below)



- Press & hold  to save the settings.
- A second long “beep” will indicate a successful save.

6.1 Change the Tilt settings



- Press  to show current selection.
- Press key 1 – 3 to set the sensitivity of the tilt sensor
 - Key 1 – Most sensitive. Also functions as a shock detector.
 - Key 2 – Medium sensitivity (Default setting).
 - Key 3 – Low sensitivity.


Key 6 off: Tilt sensor is Always active and will send “Trouble event” when tilted.

Key 6 on: Tilt sensor is Only active when the system is armed and will send “Alarm event” when tilted.

Key 8 off: Disable the Tilt sensor.


Key 8 on: Tilt sensor is Enabled.



- Press & hold  to save the settings.
- A second long “beep” will indicate a successful save.

6.2 Change the INPUT & OUTPUT settings



- Press  to show current selection.
- Key **4, 5** can be selected / deselected for the desired application.


Key 4 on: IN1 & IN2 triggers when the state changes from **Low to High (NC)**

Key 4 off: IN1 & IN2 triggers when the state changes from **High to Low (NO)**

Key 5 on: The battery voltage is always available at the “+” terminal.

Key 5 off: The battery voltage is **ONLY** available at the “+” terminal when the system is armed.



- Press & hold  to save the new settings.
- A second long “beep” will indicate a successful save.