



Kwêbeam Interface Module

Features

- Arm / Disarm Kwêbeam system from external remote receivers.
- Interface Kwêbeam system to external communication devices.
- Can be used as a Kwêbeam repeater/relay module.
- Power by two standard AA alkaline cells.








Programming Socket

Input Output Connector

Tamper Switch

Programming the Module

- Make sure Led  on the keypad is off. If not press & hold  to switch off.
- 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.

Note: The Interface Module can also be programmed as **ZONE 9** (Base or Main Unit of the system). All Keypads & Sensors must be reprogrammed if the Module is programmed as **ZONE 9** (See Kwêbeam_User_Manual).

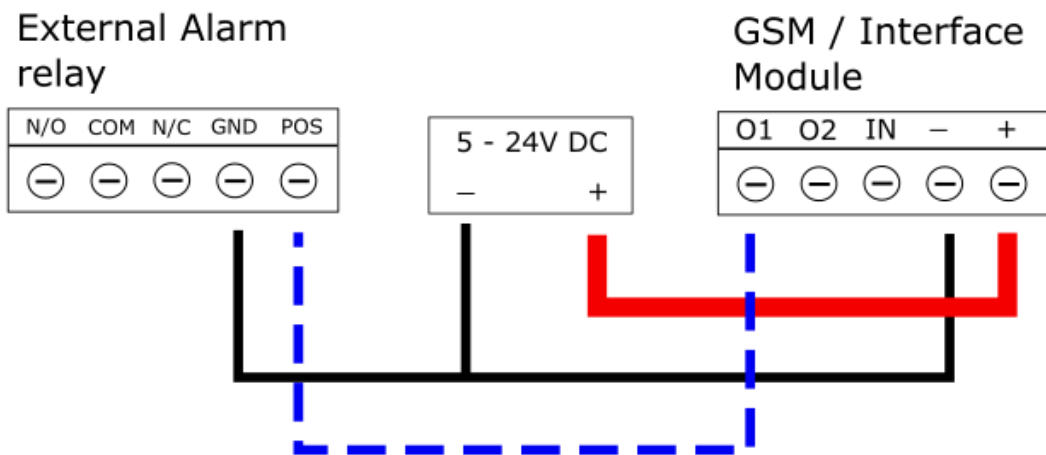
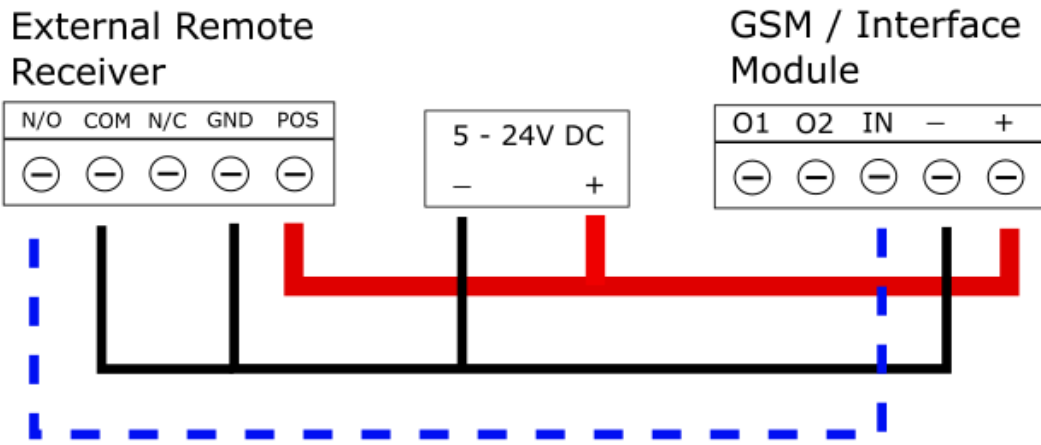
The Module is now ready to operate as a repeater or ZONE 9 base station.

Wiring the Input & Outputs



All external connections are isolated from the Interface Module circuit; therefore the module is always powered from the batteries, irrespective if an external power source is connected or not. The outputs are capable of sourcing 100mA & can be connected to various external notification devices. Relays can be directly connected to the outputs if required.

- 1) Connect the [+] terminal to the positive of the external power source (5 – 24V).
 - 2) Connect the [-] terminal to the negative of the external power source.
 - 3) Connect the [O1] terminal to the input of the external device (Alarm trigger).
 - 4) Connect the [O2] terminal to the input of the external device (Panic trigger).
 - 5) The input is triggered when the [IN] terminal is momentarily connected to negative.
- O1 will be positive for the programmed period (see programming section) when an Alarm signal is received & the Kwêbeam system is in the armed state.
 - O2 will be positive for 1 second when a Panic signal is received.
 - The Input (IN) can be programmed to Arm/Disarm the system or send an alarm signal. See “Changing settings for the input & outputs of the Interface Module”.


Any sensor can be programmed to indicate the ‘On/Off’ status of the system (One siren beep = ON, Two siren beeps = OFF). See “Kwêbeams_User_Manual” for sensor programming instructions.




Changing settings for the input & outputs of the Interface Module


Make sure Led  on the keypad is off. If not, press & hold  to switch off.
Connect the Keypad to the Programming Port with the supplied cable.

- Changing the ON delay of OUTPUT 1

- Press  to show the current delay on OUTPUT 1.
- Press key 1 – 8 to select the new ON delay for output 1:

1 = 1 second	5 = 13 seconds
2 = 4 seconds	6 = 16 seconds
3 = 7 seconds	7 = 19 seconds
4 = 10 seconds	8 = 22 seconds
- Press & Hold  to save the new setting.
- A second long “beep” will indicate a successful save.


- Changing INPUT & OUTPUT settings

- Press  to show current selection.
- Press key 1 – 3 to select the input option.
 - Key 1 – Arm / Disarm with a latched input.
 - Key 2 – Arm / Disarm with a pulsed input.
 - Key 3 – Send an alarm signal when the input is pulsed.
- Press key 4 to set the INPUT to Normally Close state.

Key 4 on: Input will trigger when the [IN] terminal is disconnected from negative (Normally Close).

Key 4 off: The input will trigger when the [IN] terminal is connected to negative (Normally Open).
- Key 5 on: OUTPUT is enabled when armed from the Keypad or any external device connected to the INPUT.

Key 5 off: OUTPUT is **ONLY** enabled when armed from an external device connected to the INPUT.

OUTPUT 1 will go HIGH when an alarm signal is received.
- Press & Hold  to save the new settings.
- A second long “beep” will indicate a successful save.