Keypad User Guide

- Visual & audible alarm indication Monitors Alarm.
- Low battery & Troubled Zones Backlight for visibility in low light conditions
- Arm / Disarm all Kwêbeam sensors
- Temporarily bypass zones
- 868Mhz Two-Way wireless communication
- Multiple keypads supported on the same system
- Panic sounds all beam sirens at the same time
- Operates from standard AA alkaline batteries
- 1 Year battery life

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2 Overview of the Keypad

The Kwêbeam outdoor alarm system is fully functional with only one Beam and one Keypad, however multiple Keypads & Beams can be added to the same alarm system.

The Keypad is used to control the Kwêbeam system. This includes arming and disarming all beams, bypass individual Zones & making programming changes to any Kwêbeam device. The panic button can be used to sound all Beam sirens at the same time.

The Keypad monitors 8 individual zones with the option to assign more than one sensor to the same Zone number. A total of 32 devices can be monitored when 4 sensors share a Zone number. It receives Alarm, Tamper and Low battery signals to give a visual & audible overview of the complete system.

The Wireless Keypad is completely mobile and operates from 3 standard AA alkaline batteries.Multiple keypads are supported on the same system.

3 Insert the three AA batteries

Remove Lock-screw and Slide to open

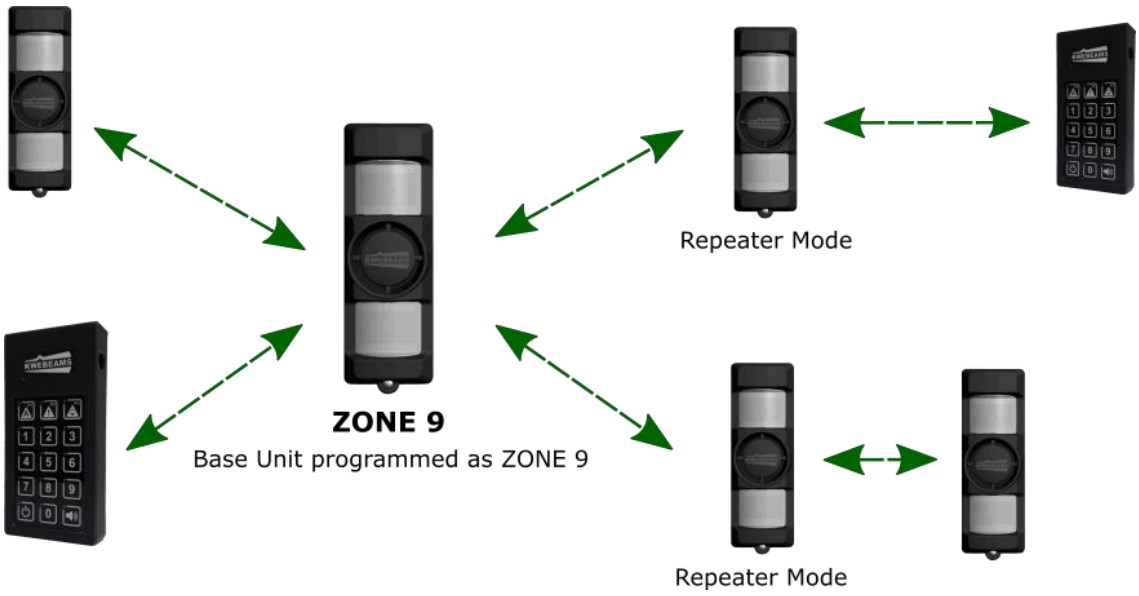
Insert Keypad Batteries:

LED 

on the Keypad will illuminate for 6 seconds to indicate a warm-up period
The keypad must be left untouched during this period.
When the LED switches off the keypad will be in functional mode.

4 Using the Keypad without the KwêHub in the system

- Each KwêBeam system must have one (only one) ZONE 9, this is the Heart (Base or Main Unit) of the system. If the KwêHub is not used as part of the system, one of the beams must be selected as the Base Unit (Zone 9).
- All sensors in range of Zone 9 will have a relay (repeater) function to support devices NOT in range of ZONE 9.



4.1 Paring the Keypad to Zone 9 (Base station)

- Choose the most central sensor to be ZONE 9 (This will be the Base/Main unit)
- Make sure Led is off. If not, press & hold to switch off.
- Link the Keypad to the selected sensor with the supplied cable.
- Select “9” on the Keypad
- Press & Hold P1 A ALARM to save ZONE 9.
- LED 0 KEYPAD will illuminate to indicate successful pairing.
- Remove cable

4.2 Program additional Keypads to the same system

- Link the Keypad to the ZONE 9 (Base station) sensor with the supplied cable
- Press & Hold 

to pair the additional Keypad
- LED 

will illuminate to indicate successful pairing.
- Remove cable

4.3 Program additional sensors to the same system

- Link the Keypad to any additional sensor with the supplied cable
- Select the sensor zone (1 – 8)
- Press & Hold 

to save the zone.
- LED 

will illuminate to indicate successful pairing.
- Remove cable

Note: If any other sensor is selected as ZONE 9, the pairing process (step 5 & 6) must be restarted.

Note: ZONE 0 is pre-assigned to Keypads & cannot be assigned to a sensor.

4.4 Synchronize the system

After all the beams are installed, press & hold 

to synchronize the system. Allow 1 minute for the synchronization cycle to complete.

Note: Synchronization is not mandatory but recommended after first installation for optimal system performance.

5 How to use your KwêBeam Keypad

5.1 Arming & disarming the system

- Press & hold  to arm the system. Wait for LED  to indicate armed state. The keypad will momentarily illuminate the Zone LED's of all active (working) sensors in the last 24 hours. If a sensor remains inactive (no communication) for 24 hours the corresponding Zone LED will NOT illuminate when armed.
- Press & hold  to disarm the system. Wait for LED  to switch off.

Note: There is a short delay before LED  indicates the ON/OFF status due to network synchronization. The keypad automatically resynchronizes to the network every hour.

5.2 Detection sequence when armed

When a sensor detects motion, the user will be alerted on the keypad, then the sensor will enter a 10 second 'no-detect' delay. Detections during this period will be ignored. After the 10 second delay, the sensor is ready for the next detection. After 3 valid detections within 10 seconds apart, the sensor will enter a 30 second 'no-detect' delay. The sensor will remain in this 'no-detect' mode until there is NO movement in front of the sensor for 30 seconds. Any movement within this period will reset the 30 second delay. After the 30 second delay, the detection sequence restarts.

5.3 Alarm zone indicator

- LED  indicates a valid detection on one of the sensor zones.
- Press  to show triggered zones. The Last reported alarm zone number will flash.
- Press & Hold  to clear triggered zones.

5.4 Trouble zone indicator

- LED 

indicates a trouble signal.
- Press 

to show the troubled zones. Zone 1 – 9 indicates a tamper signal on the corresponding sensor. **Zone 0 indicates a communication problem between the Keypad & the system.**
- Press & Hold 

to clear troubled zones.

5.5 Low battery zone indicator

- LED 

indicates a low battery signal.
- Press 

to show the low battery zones. Zone 1 – 9 indicates a low battery signal on the corresponding sensor. Zone 0 indicates a low battery signal on the Keypad.
- Press & Hold 

to clear low battery zones.

5.6 Siren control

- Press 
to stop all sensor sirens & keypad buzzer.
- Press & hold 
to activate all sensor sirens for 20 seconds.

5.7 Temporally Deactivate a ZONE

Use the following steps to temporally deactivate a ZONE:

- Press & hold 
to arm the system. This activates all ZONES.
- Press & Hold the key of the ZONE to be deactivated during the armed session.
- The LED will illuminate for a short while to indicate successful deactivation.

Note: Zones can only be deactivated while the system is armed. All zones will be reactivated (normal state) on the next armed session.

6 Update sensor settings

- Make sure Led  is off. If not, press & hold  to switch off.
- Link the Keypad & sensor with the supplied cable.
- Led 

will indicate successful pairing.

6.1 Update the Zone of the sensor

- Connect the sensor and keypad with cable provided
- Press 

to show the zone of the sensor.
- Press key 1 – 9 to select the new zone.
- Press & Hold 

to save the new selected zone.
- A second long “beep” will indicate a successful save.

Note: **<u>If a sensor is saved as ZONE 9, the pairing process must be restarted (Steps 4&5)</u>**.

Note: ZONE 0 is pre-assigned to the Keypads & cannot be assigned to a sensor.

6.2 Update the Sensitivity of the sensor

- Connect the sensor and keypad with cable provided
- Press 

to show the sensitivity of the sensor.
- Press key 1 – 8 to select the new sensitivity level, where 8 is least sensitive. Double-detect mode is recommended for high sensitivity settings (1 – 3) to minimize false triggers. This can be selected with key 4 under the P3 programming option. See “**Changing Siren & beam settings of the sensor”** below.
- Press & Hold 

to save the new sensitivity levels.
- A second long “beep” will indicate a successful save.

6.3 Changing Siren & beam settings of the sensor

- Connect the sensor and keypad with cable provided
- Press 

to show current selection.
- Press key 1 – 3 to select a new siren option.
    - Key 1 – No Siren with detection
    - Key 2 – Short warning siren with detection
    - Key 3 – Long alarming siren with detection
- Press key 4 to enable **Double-Detection** mode to minimize false triggers in unstable environments.
- Press key 5 to enable the sensor to signal the system status when armed / disarmed from the GSM unit or external remote. 1 siren beep = ON, 2 siren beeps = OFF.
- Key 6 ON: Above Siren setting (1, 2 or 3) is valid when **ANY** sensor in the system detects motion.
  Key 6 OFF: Siren setting (1, 2 or 3) is valid only when **THIS** sensor detects motion.
- Key 7 ON: Disable the siren when armed from the keypad. Siren setting (1, 2 or 3) is only valid during **Away** mode (e.g. when armed from a GSM unit or an external remote).
  Key 7 OFF: Siren setting (1, 2 or 3) is valid when armed from any device.
- **KB-AM version only**: Press key 8 to enable the Anti-Masking. A Trouble signal will be reported when the sensor is masked.
- Press & Hold 

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

Note: All sensor sirens will always sound for 20 seconds when  is pressed & hold, regardless of the settings above & whether the system is armed or not.

7 Pairing the Keypad with the KwêHub (Optional)

More than one keypad can be added to the KwêHub using the supplied Keypad cable.

- Make sure Led  is off. If not, press & hold  to switch off.
- Link the Keypad to the KwêHub with the supplied cable.
- Zone "9" on the Keypad will be automatically selected
- Press & Hold  to save the keypad.
- LED  will illuminate to indicate successful pairing.
- Remove cable

8 Link and Interface modules (Optional devices)

8.1 Add the Link or Interface Module

- 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.

8.2 Configure the Link or Interface Settings

If the KwêHub is part of the system, it is recommended that the mobile App is used to configure the device settings.

If no Kwêhub is available, and only the keypad is part of the system, follow the instructions in the Link or Interface user manual to configure the settings.