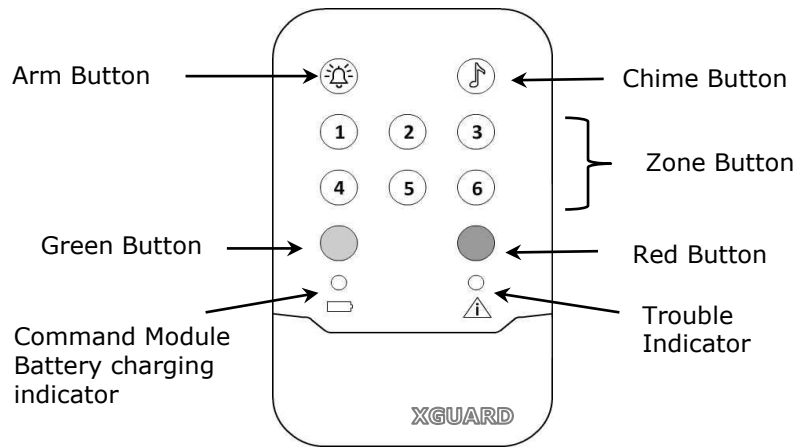


XGUARD Operations Guide

Thank you for purchasing the XGUARD early warning alarm system. The XGUARD is a standalone system for monitoring up to six X-Wave wireless detectors either in chime or armed mode. The unit is battery operated for portability, ensuring the system is close at hand at all times.

XGUARD Diagram



SLEEP MODE

A sleep mode is available for longer periods of inactivity when the device is not in use. It is used mainly to conserve battery life during such times. No audible/visual alerts will be available while in this mode.

TO ENTER SLEEP MODE

When in Idle mode:

1. Press and hold Chime for 3 seconds, until a double beep is heard. The unit is now in a low power mode.

TO EXIT SLEEP MODE

1. Press the CHIME button. A single long beep will be heard.
2. The XGUARD will revert to Idle mode.

Learn detectors into zones

1. Make sure the system is in idle mode by making sure arm or chime modes aren't selected. (See Chime and Arming Sections.)
2. Press zone button for 3 seconds, until a beep is heard and the button begins to flash.
3. Tamper the detector to be paired with this zone.
4. Button will stop flashing and illuminate for 5 seconds as a 1 second beep is heard to indicate detector has been learnt.
5. Programming will be exited.

Note: Programming will automatically be exited after 60 seconds of no activity or if the zone button is pressed for 3 seconds without a detector being tampered.

Delete a zone

1. Make sure the system is in idle mode by making sure arm or chime modes aren't selected. (See Chime and Arming Sections.)
2. To confirm a detector has been learnt into the zone, press and release the zone button and the zone LED will illuminate for 5 seconds.
3. Press zone button for 10 seconds, wait for the triple beep indicating zone is now detector free.
4. Delete mode is automatically exited when detector is deleted.

Chime mode

In chime mode each zone that is set to chime, when violated, to chime the number of times of the zone number and the zone LED will illuminate for 30 seconds.

Example: If zone 2 & 5 are selected to chime and zone 5 is violated the unit will chime 5 times and when zone 2 is violated the unit will chime 2 times and the zone LED will remain on for 30 seconds.

TURN ON CHIME MODE

1. Press chime button once.
2. Button LED will come on for 6 seconds to indicate chime mode has been switched on and zones can be selected to chime if violated.
3. Make sure the system is in idle mode by making sure arm or chime modes aren't selected. (See Chime and Arming Sections.)
4. Press chime button.
5. Select zones to chime:
 - a. Press each zone button, you wish to chime and the button LED will come on, indicating it has been selected.
6. To deselect zones from chiming:
 - a. Press the zone button that you wish not to chime, if the LED is illuminated and the LED will then turn off indicating it will not chime if violated in chime mode.

Note: You have 6 seconds to select or deselect a zone from chime mode being initiated and 6 seconds between each selection and deselection. If no zones are selected or deselected the unit will go into chime mode. Chime button will illuminate and all zone LEDs will switch off.

TURN OFF CHIME MODE

1. Press chime button once
2. Button LED will come on for 1 second and go off

Arming & disarming the XGUARD alarm

The XGUARD can be armed for the buzzer to sound for 2 minutes.

ARMING THE XGUARDALARM

1. Press the arm button once
2. The armed button LED will flash for 6 seconds
Note: During the 6 second period any zones you wish to bypass, press their respective buttons and on each press a further 6 seconds will be initiated to give you time to select the next zone to be bypassed if desired.
3. After the 6 seconds the armed LED will remain on to indicate that the portable alarm is armed.

DISARMING THE XGUARD ALARM

1. Press the arm button once
2. The arm LED will go off and all bypassed zones are made active.

Configuring the green & red remote transmitter buttons

The green and red buttons are keeloq remote transmitter buttons that can be taught to any IDS receiver. The buttons can be used to trigger an Rx2 standalone receiver or for communicating with an IDS receiver installed on an IDS alarm system as a panic button. Please check the Rx2 receiver manual or consult an installer to connect to an alarm panel receiver.

By default the button IDs are configured as: Green = 2 & Red = 4 which on the IDS remote transmitters are not by default assigned to an alarm system function for easy programming.

Changing the button IDs

1. Press the green or red button simultaneously with the zone button you require the buttons new ID to be until you hear a beep, then release.

Note: IDs can only be between 1 and 4.

Trouble conditions

Trouble conditions will clear once the cause is cleared.

- Trouble LED will flash in sync with zone LED according to the trouble:
 - 1 blink = low detector battery
 - 2 blinks = supervision loss (Detector did not send supervision message for more than 3 hours)
 - On = XGUARD battery low
Note: When the XGUARD battery low trouble indication is on, normal operation is permitted and a charger should be connected to charge the batteries and continue operating. If the batteries discharge more a point will be reached where all functions will stop working but the trouble condition will continue showing battery low for a while to show that the batteries need charging.

Important NiMH battery charging considerations

- NiMH cells will not work in temperatures below 10 degrees Celsius.
- High temperatures result in higher self-discharge, I.e. hot vehicle
- Never mix batteries from different manufacturers or capacities.
- Never mix batteries of different chemistries, i.e. NiCd, NiMH, Lithium, Etc.
- Never remove batteries while charger is connected.
- Around 300-400 charge cycles is the limit for NiMH cells.
- Only use 1.2V NiMH AA cells with a capacity of 2100mAh or higher.
- Never connect charger when non-rechargeable cells are powering the unit.
- If there is a loss of AC power, disconnect charger to prevent surge from damaging the unit when power is restored (Suggestion: use the unit until its empty again, before re-connecting charger).

Technical specs

Wireless transmission Frequency: 433MHz

Wireless transmission distance: 100m line of sight

Batteries: 3 x 'AA' NiMH 1.2V, 2100mAh

DC charge input 12V, 1.5A

Current Draw:

Standby: 35mA

Alarm: 100mA