GJD 2 ZONE SOLITAIRE

TOUCH CONTROL

060300

The **GJD 2 ZONE SOLITAIRE** is a multi-sensor security lighting system designed for indoor use only. Multiple touch controls can be added for monitoring and control in various locations, and is compatible with:
GJD OPAL XL and **GJD ELITE** outdoor detectors.
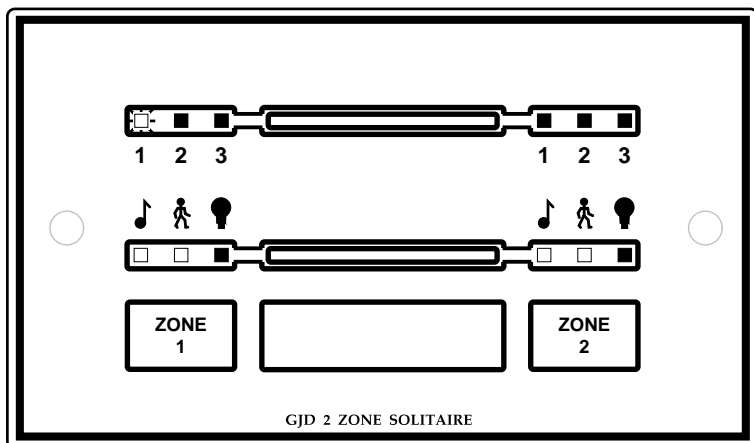**GJD RADIUS LUX** indoor detector.

Illustration shows normal button selection - zone 1 detector 1 active ▢ = lit ■ = off

SPECIFICATIONS: CE

SUPPLY:	12VDC at 30mA max. from EXPANSION UNIT.
INDICATION:	3 x 24 hr detector indicators per zone - pulsed during detection - and steady after detection for the duration of the light on timer.
AUDIBLE:	Internal piezo sounder - button selectable sounds with movement day and night or night only. Steady tone for zone 1, pulsed tone for zone 2.
CONTROL:	2 x zone selection / programming buttons with 3 coloured indicators.
OPTIONS:	See programming table.
SIZE:	146 x 86 x 20 mm (Back box not required)
TEMPERATURE:	-10 to + 55 centigrade.

Changing the existing settings

Changing the existing settings can only be accessed from the Master Touch Control. The Zone selection buttons on the Master are used to change the existing settings. Each zone is to be altered individually.

1. Press the required ZONE button until all indicators for this zone are off.
2. Press and **HOLD** the selected ZONE button, the program sequence starts after 8 seconds. Keeping the button in the HOLD position will sequence through the three GREEN SELECTIONS.
3. Count the number of GREEN flashes that occur in rapid succession, this corresponds to the SELECTION. When the required SELECTION is reached, release the button.
4. Count the number of RED flashes that occur in rapid succession (this represents the present OPTION)
5. By holding the button down again within three seconds of the RED flashes finishing will allow amendment to the OPTION. The RED flashes will then sequence through the OPTIONS. Count the number of RED flashes required then release the button.

6. Three seconds after the flash sequence, the unit exits the program mode, and the amended OPTION is stored.

7. To amend further settings repeat steps 1 to 5.

Example 1:
Altering the length of the light on time.
To set the light on time on ZONE 1 to 3 minutes.

a) First, choose the SELECTION and OPTION required from the table.
   (ie. 1x GREEN flash with 3x RED flashes)

b) Turn indicators off on ZONE 1

c) Press and *HOLD* ZONE 1 button until the GREEN light flashes ONCE, then release the button, after a pause, the indicator will then carry on to flash RED for the present OPTION. HOLD down the button (within 4 seconds) until the RED indicator flashes THREE times in rapid succession then release the button.

Example 2:
Altering the pulse count.
To set the Pulse Count on ZONE 2 to Pulse count 2.

a) First, choose the SELECTION and OPTION required from the table.
   (ie. 2x GREEN flashes with 2x RED flashes)

b) Turn indicators off on ZONE 2

c) Press and *HOLD* ZONE 2 button until the GREEN light flashes TWICE, then release the button, after a pause, the indicator will then carry on to flash RED for the present OPTION. HOLD down the button (within 4 seconds) until the RED indicator flashes TWICE in rapid succession then release the button.
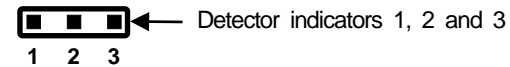
The detector indicators may flash and audible tone may sound for 1 minute until the system settles, this is normal. During this period the audible tone can be turned off by selecting ZONE 1 and 2 off.

If 4 red indicators flash every second continuously check the system wiring.

The audible tone sounds and the relevant detector/s indicators flash when a detection takes place day or night. There will be a constant indication after detection for the duration of the timer.

If detection takes place in zone 1, a steady tone will sound, whilst a detection in zone 2 will produce a pulsed tone.

ZONE 1 SHOWN - repeated for zone 2 respectively   □ = lit   ■ = off

□■■□ ◄— Detector indicators 1, 2 and 3
1   2   3

Sounds with detection day and night.
Detection controlled lighting.
Lights on indicator and manual lighting override.

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□ □ ■   **1   Standard operation.**
Lighting will activate on detection at night.
Sounds on detection day and night.

| ZONE 1 | Pressing the ZONE button will sequence through the various combinations of operation **1** to **5**, then repeat. |

HOLD = keep button pressed for 8 secs until a beep sounds, then release.   To cancel this setting turn zone off.

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■ □ ■   **2   Lighting will activate on detection at night - Sounder off.**
*HOLD will enter **WALK TEST** mode for this zone. Lighting will activate for 4 seconds longer than detection day or night.*

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□ ■ ■   **3   Sounds on detection day and night - External lighting off.**
HOLD will enter SOUND and AUX at night only for this zone.

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■ ■ ■   **4   Zone off.**
HOLD will enter PROGRAM MODE - master unit only.

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■ ■ □   **5   Lighting will stay on day and night - Sounder off.**
HOLD will TRIGGER LIGHTING for the timer setting.

GJD factory settings are highlighted

1x	TIME minutes	**1**	2	3	4	5	8	12	16	24
2x	PULSE COUNT	**1**	2	3						
3x	MODE	24HR	LINK	24+L	**STD**					
4x	'T' seconds	**10**	15	20	25	30				

OPTION common to all zones. Program using ZONE 1 only

RED OPTIONS → **1x   2x   3x   4x   5x   6x   7x   8x   9x**

SELECTIONS: All programmed functions are saved if power is removed from the unit.

TIME (MINUTES): Light on time after detection.

PULSE COUNT: The number of beams that have to be crossed to trigger the system.
1 - will give a fast response.
2 - gives better immunity with good response.
3 - gives highest immunity to false activations in poor environments but is less responsive.

MODE:
24HR   = Outside lights will operate day and night with detection.
LINK (ZONE 1) = Detectors on ZONE 1 also activate lights on ZONE 2.
LINK (ZONE 2) = Detectors on ZONE 2 also activate lights on ZONE 1.
24+L   = 24HR and LINK - see above.
STD   = Outside lights operate at night with detection.

'T' (SECONDS):   'T' output on the EXPANSION UNIT will operate day and night with detection.

TO RESET ALL ZONES ON THE MASTER BACK TO FACTORY SETTINGS:

EITHER: Unplug the +/- 12VDC terminal block from the unit whilst the power is connected. Press and HOLD Zone 1 and Zone 2 buttons whilst the terminal block is reconnected to the unit, a continuous beep will sound, then release the buttons.

OR: Turn all selection indicators off.
Press and HOLD Zone 1 and Zone 2 buttons. After 8 seconds a continuous beep sounds, then release the buttons.

FOR CORRECT OPERATION
DISCONNECT POWER WHEN MAKING CONNECTIONS

REFER TO SOLITAIRE EXPANSION UNIT FOR WIRING

Caution: If this equipment is intended for applications not specified please contact GJD before installation. GJD reserve the right to alter the specification without notice.