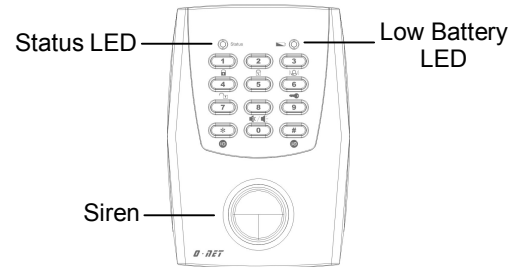


TITAN ALARM PANEL

INTRODUCTION

The TITAN Alarm Panel is part of a unique lighting / security system for home or business use. The unit is designed to protect your property, serving as a basic alarm system and also with the addition of a TITAN Bell Push Transmitter a door chime unit. In addition to the bell push the TITAN alarm panel is compatible with the TITAN wireless PIR Detector and wireless Magnetic Contact Detector. In alarm mode when triggered by the latter two transmitters the 110 decibel siren will sound. The Bell Push will trigger a chime alert when in chime mode.


Note: Please read this entire manual before you start to install the system.

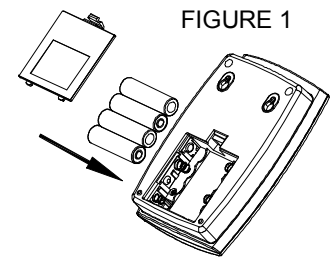


LOADING THE BATTERIES

The unit requires four AA size batteries. To install the batteries:

1. Open the battery cover. (FIGURE 1)
2. Insert four AA batteries ensuring correct polarity.
3. Refit the battery cover.

If during use the Low Battery LED  flashes every three seconds, the batteries need to be replaced. Average battery life for typical usage is six months, subject to alkaline batteries being used.



CHOOSING A MOUNTING LOCATION

- DO NOT fix the unit onto metalwork or within 1m of metalwork (i.e. radiator, water pipes etc) as this could affect the receipt of signals from TITAN transmitters.
- DO NOT locate the unit directly above a heat source (e.g. fire, radiator, boiler etc).
- DO NOT expose the unit to the weather or liquids. The unit is not weather proof.

Consider the following points when choosing a mounting location. Locate the unit:

- 1) Within a protected area when the system is set, i.e. an intruder should not be able to reach the unit without a transmitter detector being triggered.
- 2) In a position where it is not visible from external doors or windows.
- 3) In an easily accessible position between 1.5m and 2.0m above floor level.

The unit should be fixed using two screws 50mm apart. The screw heads should be left proud to allow the unit to be attached using the two keyhole slots at the rear of the unit.

FIRST TIME POWER UP

The unit is capable of holding up to twelve TITAN transmitter codes. On first time power up no codes will be stored. To indicate this the Status LED will flash on and off every three seconds.

The factory default 4-digit security code is set to 1234 (Note that if the batteries are removed or allowed to run flat the unit will default back to the factory 4-digit security code of 1234).

It is important to change the factory 4-digit security code of 1234 to your own personal code. To do this proceed as follows:

- 1) Key in the factory 4-digit security code 1234
- 2) Press key 6
- 3) Enter your new personal 4-digit code (using any combination of keys 0 to 9)
- 4) Press key 6 again

Your personal 4-digit code is now set and should be used for any further actions. (Note this process must be completed within 15 seconds. If you make a mistake or run out of time the unit will revert back to the factory 4-digit security code 1234).

Default Setting (4-digit security code)	Mode Key	Mode Status
1234	1	Instant Arm
1234	2	Delayed Arm
1234	3	Chime
1234	4	Disarm
1234	6	Security Code
1234	8	Key Tone
1234	*	ID Code Learn Mode
1234	#	ID Code Clearance

Key Combination Quick Reference Guide

CODE LEARNING

To enable the TITAN Alarm Panel to memorise compatible TITAN transmitter codes proceed as follows:

- a) Key in your 4-digit security code
- b) Press key * (the unit is now in learning mode and will remain so for thirty seconds, the Status and Low Battery LEDs will flash to indicate this)
- c) Once the unit is in learning mode activate the learning mode for the TITAN transmitter you wish the TITAN Alarm Panel to learn from. Refer to the instructions for each type of transmitter in order to do this. During learning mode the

CODE LEARNING (Continued)

TITAN transmitter should be no less than 30cm and no more than the maximum range of 70m from the TITAN Alarm Panel.

d) The TITAN Alarm Panel will emit a long beep to indicate that the code has been learnt.

- If the TITAN Alarm Panel fails to learn the transmitter code repeat steps a), b), c) and d).

Also repeat steps a), b), c) and d) for each TITAN transmitter you wish the TITAN Alarm Panel to learn from. Up to the maximum of twelve separate transmitters.

- If you make an error during the code learning sequence, or you wish to clear the entire memory of the TITAN Alarm Panel for another reason proceed as follows:
 - 1) Key in your 4-digit security code
 - 2) Press key # (the unit will now accept code clearance, the Status and Low Battery LED's will flash to indicate this)
 - 3) Key in your 4-digit security code again
 - 4) Press key # again

ARMING / DISARMING ALARM PANEL

Two arming modes are available instant and entry delay. If set to instant the alarm will sound the siren immediately a coded TITAN transmitter is triggered. If set to entry delay the alarm will sound the siren fifteen seconds after a coded TITAN transmitter is triggered. The entry delay mode is the most common used. Both modes have a fifteen second exit delay.

If you do wish to arm the alarm in instant mode proceed as follows:

- 1) Key in your 4-digit security code
- 2) Press key 1 (after the fifteen second exit delay the alarm will be armed) during the exit delay the alarm will bleep and the status LED will flash.

To arm the alarm in entry delay mode proceed as follows:

- 1) Key in your 4-digit security code
- 2) Press key 2 (after the fifteen-second-exit delay the alarm will be armed) during the exit delay the alarm will bleep and the status LED will flash.

To disarm the alarm proceed as follows:

- 1) Key in your 4-digit security code
 - 2) Press key 4.
- If the alarm is triggered the siren will sound for thirty seconds, be silent for ten seconds, repeated for ten cycles or until the alarm is disarmed.
 - If a code entry error is made the Low Battery LED will flash and the alarm will emit three beeps. If three consecutive code entry errors are made the keypad will be disabled for thirty seconds or until the siren sequence has ended.

OTHER FEATURES

- 1) The default keypad tone is on. To turn the keypad tone off, or back on, key in your 4-digit security code then press key 8.
- 2) The alarm can be used as a door chime. This function will only work when the alarm is disarmed. To turn the chime on key in your 4-digit security code then press key 3. To turn the chime off key in your 4-digit security code then press key 4.

In chime mode the alarm will emit a two-tone sound when a TITAN transmitter triggers the alarm including the TITAN Bell Push Transmitter.

TROUBLE SHOOTING

Unit will not learn codes or does not respond to TITAN transmitters:

- Check polarity of batteries.
- Batteries low or flat.
- Ensure transmitter is working and within range.

Unit siren volume weak:

- Batteries low.

SPECIFICATIONS

Power Requirement	4 x 1.5v AA Batteries
Receiver Frequency	433MHz
Mounting Height	Recommended 1.5 - 2.0m Solid Wall Mount
Keypad	10 digits and # *
Operating Mode	Chime: 2 tone for 2 cycles Alarm: Siren 30 seconds, silent 10 seconds, 10 cycles
Warm Up Time	Approximately 10 seconds
Index of Protection	IP21 Indoor Use Only
Specifications subject to change without notice.	

Environmental Concerns:

Please DO NOT dispose of electrical appliances as unsorted waste, use the recycling facilities provided by your local authorities.

Please DO NOT dispose of packaging as unsorted waste, use the recycling facilities provided by your local authorities.

