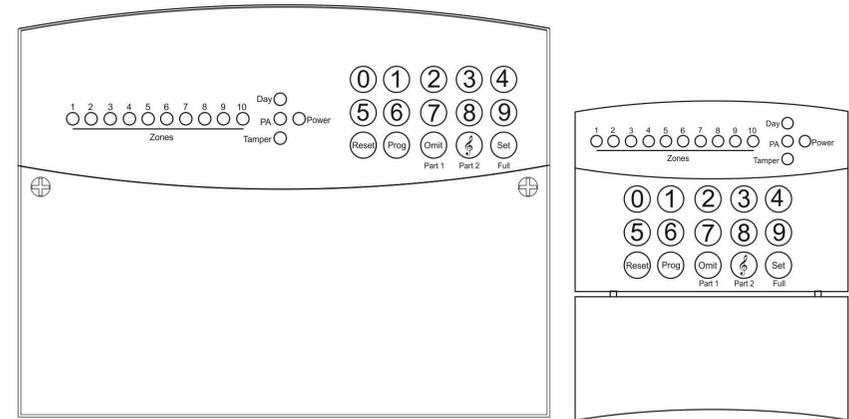


Errors and omissions excepted.

These instructions have been carefully checked prior to publication. However, no responsibility can be accepted by Challenger for any misinterpretation of these instructions.



## API0LED / API1LED - 10 ZONE ALARM PANEL QUICK SETUP GUIDE



API0LED - Control Panel

API1IRKP - Remote Keypad



**CHALLENGER SECURITY PRODUCTS**  
10 Sandersons Way  
Marton  
Blackpool  
FY4 4NB

Technical Support - 01253 792 898

### Default Program Settings

Manager Code	0 1 2 3	
Engineer Code	9 9 9 9	
<b>Full Set</b>		
Zone 1	Entry / Exit	(45 Seconds)
Zone 2	Walkthrough (Inhibited)	
Zone 3-10	Full Alarm (Immediate)	
Exit Mode	Timed	
<b>Part Set 1</b>		
Zone 1	Entry / Exit	(45 Seconds)
Zone 2	Entry / Exit	
Zone 3-8	Full Alarm (Immediate)	
Zone 9-10	Disabled (Not Used)	
Exit Mode	Timed	
<b>Part Set 2</b>		
Not Programmed		

## Notes

### **How To Change The Manager Code ( Default 0 | 2 3 )**

#### From Day Mode

- 1 Press Prog
- 2 Enter Existing Manager Code ( Default 0 | 2 3 )
- 3 Press Number 1 ( User Code setup )
- 4 Press Number 6 ( Manager Code )
- 5 Enter New 4 Digit Manager Code
- 6 Press Set ( To Accept )
- 7 Press Reset Twice to Return to Day Mode

### **How To Change User 1 Code ( Default None )**

#### From Day Mode

- 1 Press Prog
- 2 Enter Manager Code ( Default 0 | 2 3 )
- 3 Press Number 1 ( User Code setup )
- 4 Press Number 1 ( User 1 )
- 5 Enter New 4 Digit User 1 Code
- 6 Press Set ( To Accept )
- 7 Press Reset Twice to Return to Day Mode

### **How To Change User 2 Code ( Default None )**

#### From Day Mode

- 1 Press Prog
- 2 Enter Manager Code ( Default 0 | 2 3 )
- 3 Press Number 1 ( User Code setup )
- 4 Press Number 2 ( User 2 )
- 5 Enter New 4 Digit User 2 Code
- 6 Press Set ( To Accept )
- 7 Press Reset Twice to Return to Day Mode

### **How To Change Engineers Code ( Default 9 9 9 9 )**

#### From Day Mode

- 1 Press Prog
- 2 Enter Manager Code ( Default 0 | 2 3 )
- 3 Press Number 1 ( User Code setup )
- 4 Press Number 4 ( Engineer Code )
- 5 Enter New 4 Digit Engineer Code
- 6 Press Set ( To Accept )
- 7 Press Reset Twice to Return to Day Mode

# Notes

## How To Delete User 1 Code

### From Day Mode

- 1 Press Prog
- 2 Enter Manager Code ( Default 0 | 2 3 )
- 3 Press Number 1 ( User Code setup )
- 4 Press Number 1 ( User 1 )
- 5 Press Omit ( To Delete User 1 )
- 6 Press Reset Twice to Return to Day Mode

## How To Delete User 2 Code

### From Day Mode

- 1 Press Prog
- 2 Enter Manager Code ( Default 0 | 2 3 )
- 3 Press Number 1 ( User Code setup )
- 4 Press Number 2 ( User 2 )
- 5 Press Omit ( To Delete User 2 )
- 6 Press Reset Twice to Return to Day Mode

## How To Turn Chime On / Off - Must be Enabled in Engineer programming ( See Zone - Attributes - Page 4 )

### From Day Mode

- 1 Press Prog
- 2 Enter Manager Code ( Default 0 | 2 3 )
- 3 Press & (Part 2) ( Chime Setup )
- 4 Press Zone Number(s) ( To Enable / Disable )
- 5 Press Set ( To Accept )
- 6 Press Reset Twice to Return to Day Mode

## How To Omit a Zone - Must be Enabled in Engineer programming ( See Zone - Attributes - Page 4 )

### From Day Mode

- 1 Enter Manager or User Code ( Default 0 | 2 3 )
- 2 Press Part 1 ( Omit ) ( To Enter Omit Mode )
- 3 Press Zone Number(s) ( To Enable / Disable )
- 4 Press Set ( To Accept and Continue )

### How to Authorize Engineer Access

#### From Day Mode

- 1 Press Prog
- 2 Enter Manager Code ( Default 0 1 2 3 )
- 3 Press Number 3 ( Engineer Access )
- 4 Press Reset Twice to Return to Day Mode

### How to Enter Enginner Programming Mode (Enginner Authorize required)

#### From Day Mode

- 1 Press 9 9 9 9 (All 10 Zone LED's Flashing)

#### Engineer's Main Menu

Press Reset to Return to Day Mode When All Programming Completed

### How To Enter Program Setup

( Set - Part 1 - Part 2 )

#### From Engineer Main Menu

- 1 Press Number 1 ( Program Select )
- 2 Press Set ( For Full Arm Setup )
- Press "Omit" (Part 1) ( For Part 1 Arm Setup )
- Press "&" (Part 2) ( For Part 2 Arm Setup )

### How To Program Zone Types

1=Security 2=PA 3=Door Bell 4=Fire 5=Tamper 0=Not Used

#### From Engineer Main Menu

- 1 Press Number 2 ( Zone Type Setup )
- 2 Press Zone Number (5 for example) ( To Select Zone 5 )
- 3 Press 1,2,3,4,5 or 0 ( To Select Zone Type )
- 4 Press Set ( To Accept )

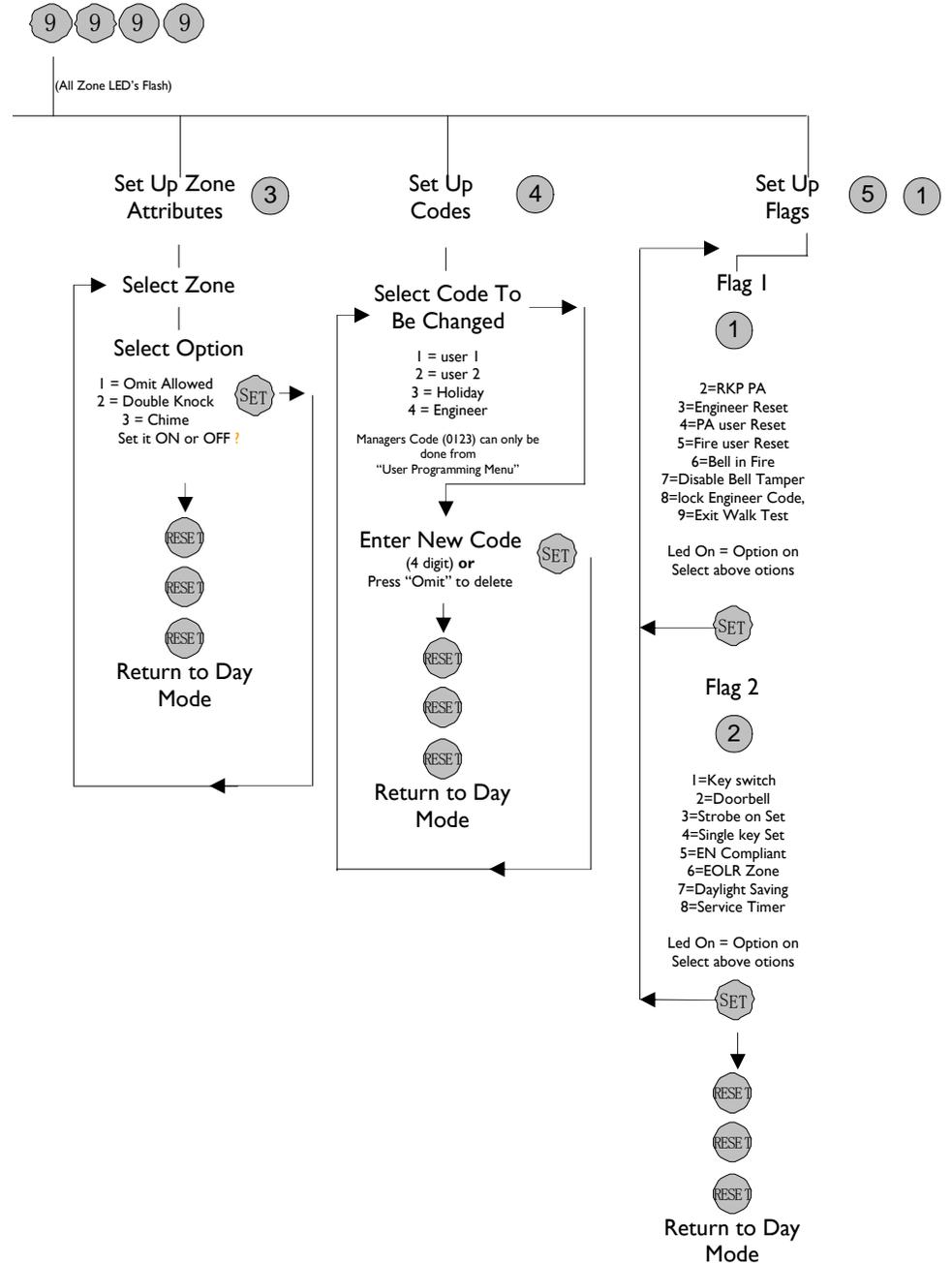
### How To Setup Zone Attributes

1=Omit Allow 2=Double Knock 3=Chime Enabled

#### From Engineer Main Menu

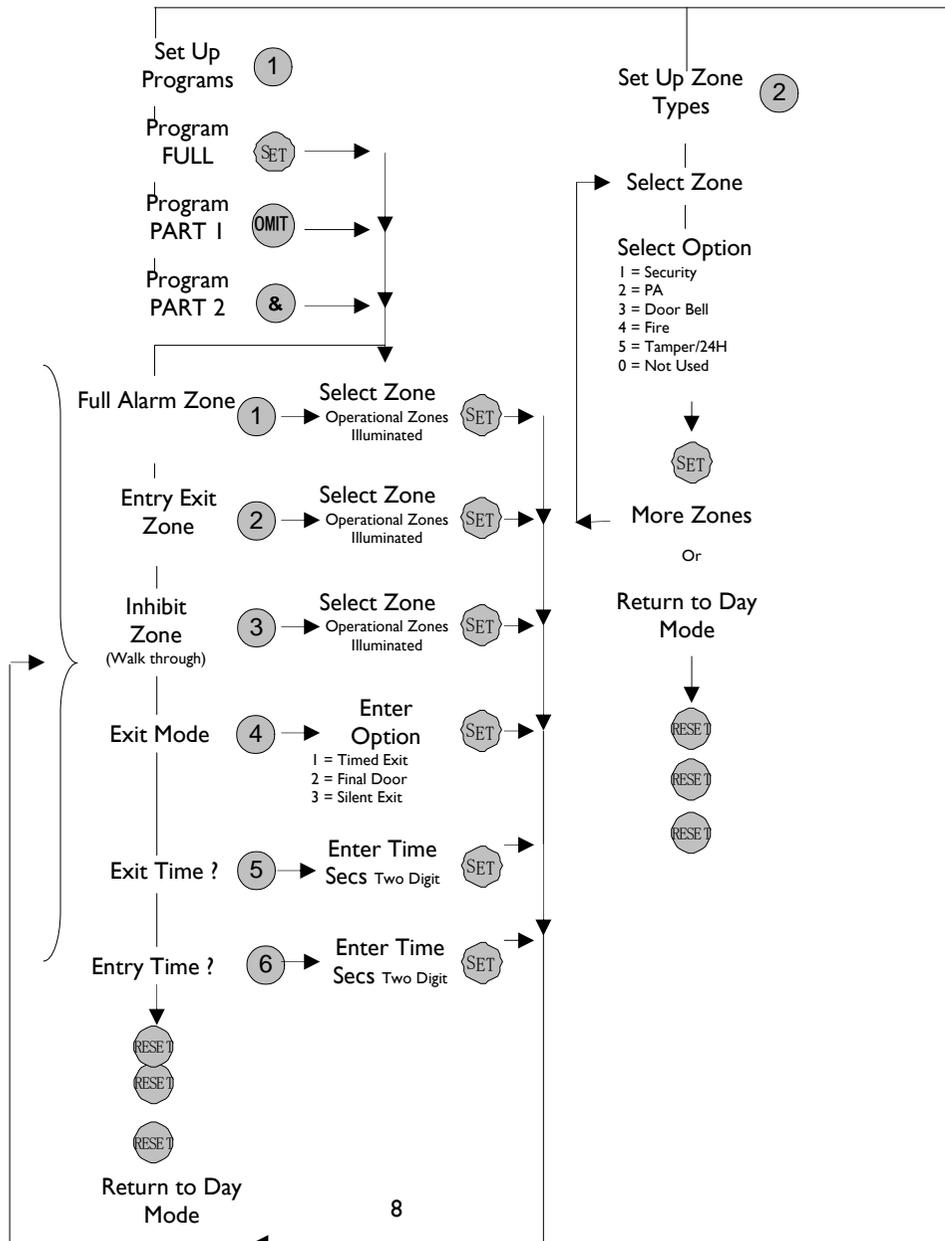
- 1 Press Number 3 ( Zone Attributes Setup )
- 2 Press Zone Number ( 3 for example ) ( To Select Zone 3 )
- 3 Press 1,2 or 3 ( Toggles On or Off )
- 4 Press Set ( To Accept )

# MAP



# MENU

Input 4-digit Engineer Code  
(Factory default 9999)



## How To Program Full Alarm ( Immediate ) Zones

From Engineer / Program Setup

- |   |                  |                            |
|---|------------------|----------------------------|
| 1 | Press Number 1   | ( Full Alarm Zone Select ) |
| 2 | Press Zone No(s) | ( Toggle On or Off )       |
| 3 | Press Set        | ( To Accept )              |

## How To Program Entry / Exit Zones

From Engineer / Program Setup

- |   |                  |                            |
|---|------------------|----------------------------|
| 1 | Press Number 2   | ( Entry/Exit Zone Select ) |
| 2 | Press Zone No(s) | ( Toggle On or Off )       |
| 3 | Press Set        | ( To Accept )              |

## How To Program Walkthrough ( Inhibited ) Zones

From Engineer / Program Setup

- |   |                  |                             |
|---|------------------|-----------------------------|
| 1 | Press Number 3   | ( Walkthrough Zone Select ) |
| 2 | Press Zone No(s) | ( Toggle On or Off )        |
| 3 | Press Set        | ( To Accept )               |

## How To Program Exit Mode

1=Timed Exit 2=Final Door 3=Silent Exit 4=Terminated 0=Disable

From Engineer / Program Setup

- |   |                    |                          |
|---|--------------------|--------------------------|
| 1 | Press Number 4     | ( Exit Mode Type Setup ) |
| 2 | Press 1,2,3,4 or 0 | ( To Select Exit Type )  |
| 3 | Press Set          | ( To Accept )            |

## How To Program The Exit Time (Default 45 Seconds)

From Engineer / Program Setup

- |   |  |                    |
|---|--|--------------------|
| 1 | Press Number 5                                   | ( Exit Time Set )  |
| 2 | Press 2 digits for time required (example - 2 0) | ( For 20 Seconds ) |
| 3 | Press Set  | ( To Accept )      |

## How To Program The Entry Time (Default 45 Seconds)

From Engineer / Program Setup

- |   |                                  |                    |
|---|----------------------------------|--------------------|
| 1 | Press Number 6                   | ( Entry Time Set ) |
| 2 | Press 0 5 (example) ( 2 digits ) | ( For 5 Seconds )  |
| 3 | Press Set                        | ( To Accept )      |

### How To Enter Test Mode

#### From Day Mode

- 1 Press Prog
- 2 Enter Existing Manager Code ( Default 0 1 2 3 )
- 3 Press Number 9 ( to Enter Test Mode )
- 4 Press 0 (toggles on/off) ( To Test External Bell )
- 5 Press 1 (toggles on/off) ( To Test External Strobe )
- 6 Press 2 (toggles on/off) ( To Test Internal Speaker )
- 7 Press 8 ( To Enter Walk Test )  
Triggering a Zone Will Light Appropriate Zone Led and Sound Internal Speaker
- 8 Press Reset Twice to Return to Day Mode

### How To Reset Panel Back to Factory Defaults

(Engineer Authorize required)

#### From Day Mode

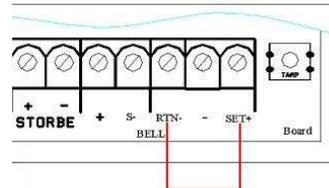
- 1 Enter Engineers Code ( Default 9 9 9 9 )
- 2 Press Omit Twice, within 5 secs of entering code ( To Reset Panel )

Panel will sound rapid beeps while reset in progress

### Defaulting Manager code and Engineer Code - API0LED

#### If Manager / Engineer Code is Unknown

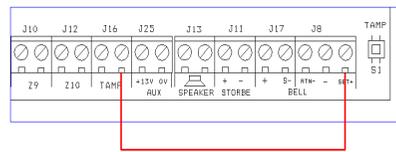
- 1 Power off the alarm unit
- 2 Connect a lead wire between terminal [RTN-] and [SET+]
- 3 Power on the alarm unit. Two beep sound are heard and All codes are reset
- 4 Clear the siren by keying in the default Manager code (0 1 2 3 )
- 5 Remove the lead wire
- 6 Return to Day mode by pressing the Reset



### Defaulting Manager code and Engineer Code - API1LED

#### If Manager / Engineer Code is Unknown

- 1 Power off the alarm unit
- 2 Fit shorting wire between SET and right-hand TAMP terminal Power on the alarm unit.
- 3 Power on the alarm unit. Wait for alarm to start
- 4 Power down and remove the lead wire
- 5 Manager Code and Engineer Code are reset to default



### Problem

Tamper Fault will not clear  
Tamper LED Flashing

### Fault

Open Tamper Circuit

### Remedy

Replace Links in Tamper (TAMP) Terminals Keypad Tamper (TAMP) Terminals (if used) and Siren Tamper ( RTN- and - ) Recheck Tamper LED

Zone faults on all zones with PIR's connected

No Power to Pir's

Check AUX Fuse, check correct polarity

Zone faults on zones

Open circuit

Remove Zone wiring and replace with link