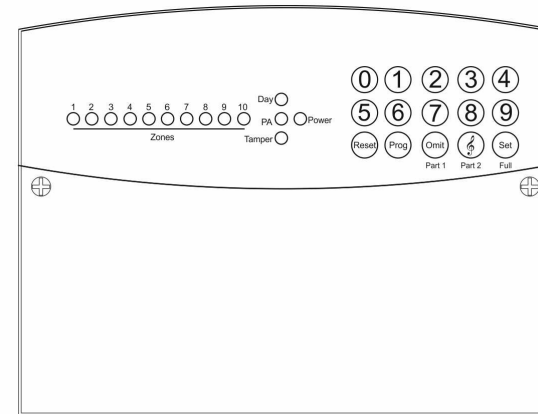


Errors and omissions excepted.

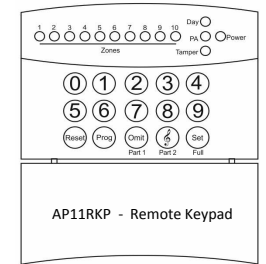
These instructions have been carefully checked prior to publication. However, no responsibility can be accepted by Challenger for any misinterpretation of these instructions.



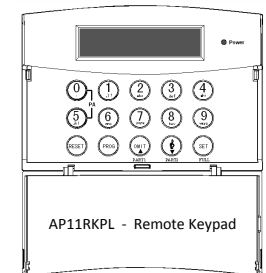
APFWP - 10 ZONE RADIO ALARM PANEL
QUICK SETUP GUIDE for LED Panel & Keypad



APFWP - Control Panel



AP11RKP - Remote Keypad



AP11RKPL - Remote Keypad



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Default Program Settings

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

Notes

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 Engineer Programming Mode (Engineer 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 Wireless Fobs - (Max 4)

From Engineer Main Menu -

- 1 Press Number 8 (Zone 8 Lit)
- 2 Press 1 (Zone 1-4 Flashing)
- 3 Press Button of Wireless Fob (Zone 1 Lit permanent)
- 4 Press Button on remaining Wireless Fobs (remaining flashing LED's turn constant for each fob)
- 5 Press Reset

How To Program Wireless Zones

Note: Ensure all the wireless devices have their batteries removed and near the control panel. Ensure you label each device which zone it is programmed for.

From Engineer Main Menu -

- 1 Press Number 8 (Zone 8 Lit)
- 2 Press 2 (Zone 1-10 Flashing) - (If zone 1-4 are not lit then these zones are set for wired zones)
- 3 Enter Zone number to be programmed(1-10) (Zone LED flashes)
- 4 Insert Batteries in to zone device (confirmation tone & LED constant)
- 5 For more zones please repeat step 3
- 6 Press Reset

Notes

How To Enter Program Setup		(Set - Part 1 - Part 2)
<u>From Engineer Main Menu</u>		
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 Full Alarm (Immediate) Zones		
<u>From Engineer / Program Setup</u>		
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		
<u>From Engineer / Program Setup</u>		
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		
<u>From Engineer / Program Setup</u>		
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		
<u>From Engineer / Program Setup</u>		
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)
<u>From Engineer / Program Setup</u>		
1	Press Number 5	(Exit Time Set)
2	Press 2 0 (example) (2 digits)	(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 2 0 (example) (2 digits)	(For 2 0 Seconds)
3	Press Set	(To Accept)

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 (see above for option)	(To Select Zone Type)
4	Press Set	(To Accept)

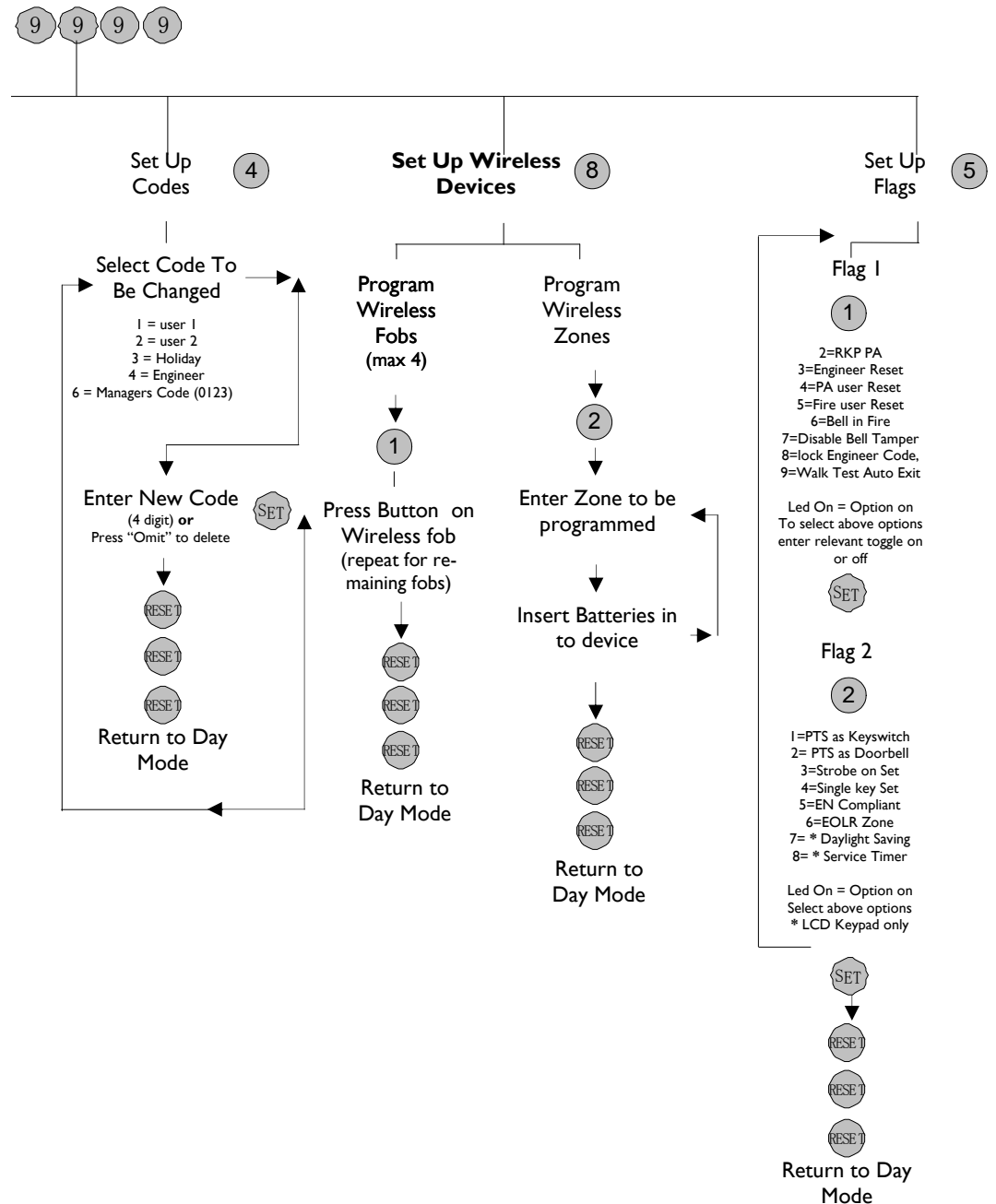
How To Setup Zone Attributes
1=Omit Allow 2=Chime Enabled
From Engineer Main Menu

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

How To Change Engineers Code (Default 9 9 9 9)
From Day Mode

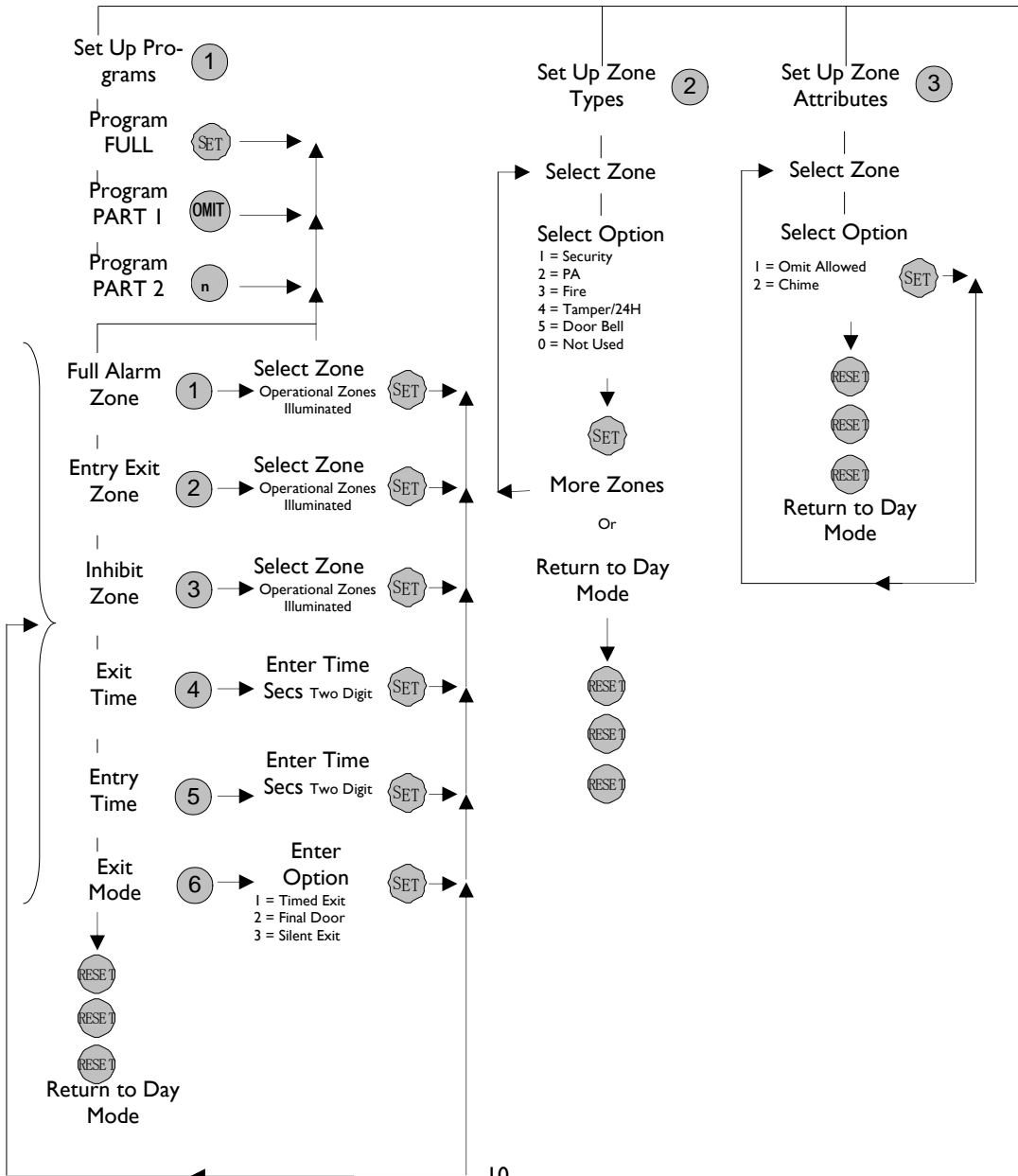
1	Press Prog	
2	Enter Manager Code	(Default 0 1 2 3)
3	Press Number 1	(User Code setup)
4	Press Number 4	(Engineer Code)
5	Enter New 4 Digit Engineer Code	
6	Press Set	(To Accept)
7	Press Reset Twice to Return to Day Mode	

MENU MAP



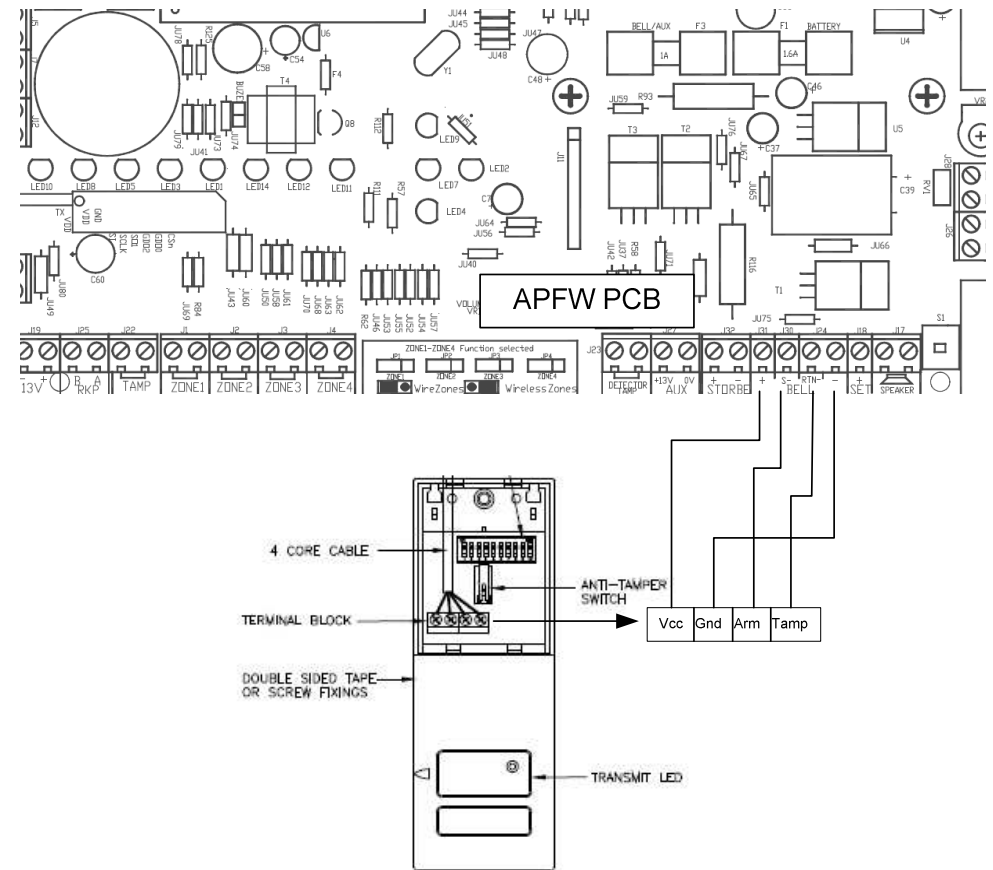
APFW

Input 4-digit Engineer Code
(Factory default 9999)



Wiring Diagram APFWP to AUW1 Transmitter Bell Box

Important Note: Ensure dip switches 9 & 10 are off in the AUW1 Bell Box transmitter



How To Change The Manager Code		(Default 0 2 3)
<u>From Day Mode</u>		
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)
<u>From Day Mode</u>		
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 Delete User 1 Code		
<u>From Day Mode</u>		
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 Set	(To Accept)
7	Press Reset Twice to Return to Day Mode	

How To Change User 2 Code		(Default None)
<u>From Day Mode</u>		
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	

Problem	Fault	Remedy
Tamper Fault will not clear Tamper LED Flashing	Open Tamper Circuit	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

How To Enter Test Mode

From Day Mode

- 1 Press Prog
- 2 Enter Existing Manager Code (Default 0 | 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

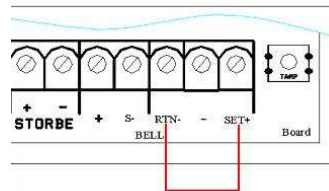
- 1 Enter Engineers Code (Default 9 9 9 9)
- 2 Press Omit Twice, within 5 secs of entering code (To Reset Panel)

Panel will sound rapid beeps while reset in progress

Defaulting Manager code and Engineer Code - APFWP

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 | 2 3)
- 5 Remove the lead wire
- 6 Return to Day mode by pressing the Reset



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 Set (To Accept)
- 7 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)