Quick Reference Guide

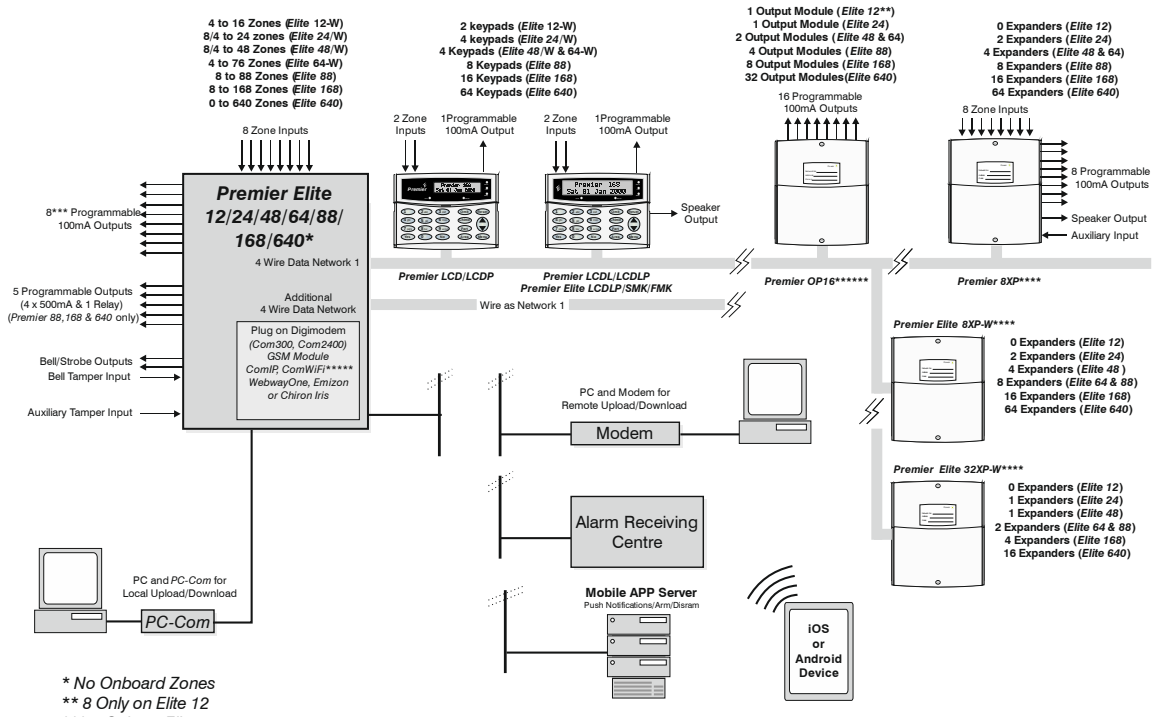
Premier Elite Series

INS222-10

CE

Texecom

Quick Start Guide



** No Onboard Zones*
*** 8 Only on Elite 12*
**** 3 Only on Elite 12*
***** When mixing wired and wireless expanders check total zone capacity for the control panel.*
******ComWiFi should not be used as a primary form of signalling to an ARC*
******* Cannot be used at the same address as Wireless expanders*

Installation Sequence

Before attempting to install the alarm system, read this section. Once you have an overall understanding of the installation sequence, carefully work through each step.

1: Design the Layout

Make a rough sketch of the premises to get an idea of where the alarm detection devices, keypads, zone expanders etc. are to be located.

2: Mounting the Panel

The control panel should be mounted in a dry area close to an unswitched AC power source and the incoming telephone line (if using a communicator). Mount the control panel on a flat, plumb wall using at least three screws of appropriate size.

NOTE *You must complete all wiring before connecting the battery or applying AC mains to the control panel.*

WARNING: ELECTRICITY CAN KILL
BEFORE connecting the control panel ALWAYS disconnect the supply at the consumer unit.If in ANY doubt consult a qualified electrician.

⚠ IMPORTANT SAFETY INFORMATION. HAZARDOUS VOLTAGES INSIDE, NO USER SERVICEABLE PARTS, NO USER ACCESS.

NOTE *ONLY connect the mains supply to the mains terminal block, NEVER connect the mains supply directly to the PCB.*

ALWAYS refer to National Wiring Regulations when conducting installation.

An appropriate and readily accessible disconnection device (e.g. an unswitched fused spur) MUST be provided as part of the installation.

The disconnection device must NOT be fitted in a flexible cord.

Where identification of the neutral in the mains supply is NOT possible a two-pole disconnection device MUST be used.

Use mains cable of adequate carrying capacity for the rated current (i.e. at least 0.75mm^2).

3: Install the Keypads and Zone Expanders

Mount and connect the keypads, zone expanders and output modules to the control panel (see page 3).

4: Install the Alarm Detection Devices

Install the detection devices, PIR's, Contacts, PA Buttons etc. and connect them to the control panel (see page 4).

5: Install the External Sounder

Install the external sounder and connect to the control panel.

6: Other Wiring

Complete all other wiring including speakers, telephone line and output connections etc..

7: Applying Power to the Control Panel

Once steps 1 to 6 are completed, power can be applied to the control panel.

When applying power for the first time, the factory default settings must be loaded. Hold down the Load Defaults then apply power. Power should always be connected in the following order:

- Connect the red battery lead to the positive terminal of the battery and then connect the black battery lead to the negative terminal

NOTE *The panel will only become 'live' when the AC Mains is connected or the 'Battery Kick-start' button is pressed.*

- Connect the AC mains

8: Keypad messages

The keypad may show a mix of faults following first power up and go into alarm. If the system goes into alarm, **enter the default Engineer code** (1)(2)(3)(4), and the alarm tone will stop
To access the Engineer Programming Menu, **enter the default Engineer code** (1)(2)(3)(4)

9: Select Language & Country Code

Immediately following power up you will be prompted to select the panel language and country code. The country code determines the panel defaults loaded and the operation of the system.

10: Confirm Devices
The "Confirm Devices" menu will appear check and make sure all installed Keypads and Expanders are showing, press Yes/✓ and Yes/✓ again to confirm.

11: Learn & Place Ricochet Devices
Once the panel is powered up you will be prompted to learn any Ricochet devices to the system. Devices should be learnt local to the receiver, and placed in their selected locations starting with the one closest to the receiver.

12: Programming the Control Panel
Please refer to section 5 for instruction on programming the control panel.

13: Testing the System
Test the system thoroughly to ensure that all features and functions operate as required (see page 19 for details).

Wiring & Addressing Network Devices

Connecting Devices to the Network

Before connecting keypads, zone expanders and output modules, isolate ALL power from the control panel (AC Mains & Battery). Do not continue if there is still power present on the control panel.

NOTE *Connecting devices with power still present on the control panel may damage the device or control panel and invalidate any warranty.*

Keypads, expanders and output modules are all connected to the network terminals located at the bottom left hand corner of the control panel PCB, and may be connected serially (daisy chain), in parallel (star) or any combination of the two

NOTE *No more than 8 zone expanders, 8 keypads and 4 output modules can be connected to each network. The maximum number of devices that can be connected in total will depend on the control panel fitted.*

Wiring the Network
The networks are made up of four terminals incorporating power and data. To ensure correct operation, all four terminals on the device must be connected to the corresponding terminals on the control panel, or previous device

Terminal	Description
+	+12V Supply
-	0V Supply
T	Transmit Data
R	Receive Data

Devices can be connected using 4-core cable. However, it is recommended that 6 or 8-core cable is used as the spare cores can be used to 'Double Up' on the power connections if needed.

Stranded tinned annealed copper BS4737 7/0.2 alarm cable can be used for most installations. However, under certain conditions it may be necessary to use screened cable of the same specification.
PLEASE NOTE. The conductor resistance should be no greater than 8Ω per 100metres.
The usage of Low grade TCCA (tinned copper clad cable) can have a detrimental effect on the operation of the system and the cable distances specified in this manual.

Cable Distances
The maximum recommended distance for devices when using standard 7/0.2 alarm cable is:

- 250m for each branch when using the star (parallel) configuration
- When using a daisy chain (series) configuration the maximum distance will depend on the number of devices connected on the chain. Whichever method of wiring configuration is used, ensure that the voltage between the '+' and '–' terminals at each device is no lower than 10.0V when the system is running on the standby battery.
- Wireless expanders/panels should be mounted at least 50cm away from metallic surfaces.

Configuration	Max. Cable Run
1. Keypad + 2 PIR's @15mA	250m
2. Expander + 2 PIR's @15mA	250m
3. Expander + 8 PIR's @15mA	100m
4. As No. 3 + 16Ω Speaker	30m

Keypad Addressing
Each keypad must be assigned a different address using the DIL switches located on the left hand side of the PCB.

Address	DIL 1	DIL 2	DIL 3	DIL 4	
1	**On** or off	Off	Off	Off	
2	Off	**On**	Off	Off	
3	Off	Off	**On**	Off	
4	Off	Off	Off	**On**	
5 *	**On**	Off	Off	**On**	
6 *	Off	**On**	Off	**On**	
7 *	Off	Off	**On**	**On**	
8 *	**On**	Off	**On**	**On**	
Engineers	**On**	On	**On**	**On**	

NOTE *Never set two keypads on the same network to the same address.*

When using a keypad as an Engineer's keypad, the DIL switches must all be 'On'.

** 88 168 & 640 only*

Expander Addressing
Each Expander must be assigned a different address using the DIL switches located in the centre of the PCB. The table below shows the expander addressing:

Address	DIL 1	DIL 2	DIL 3	DIL 4	
1*	**On** or off	Off	Off	Off	
2*	Off	**On**	Off	Off	
3**	Off	Off	**On**	Off	
4**	Off	Off	Off	**On**	
5***	**On**	Off	Off	**On**	
6***	Off	**On**	Off	**On**	
7***	Off	Off	**On**	**On**	
8***	**On**	Off	**On**	**On**	

NOTE *Never set two expanders on the same network to the same address.*

** 24/48/64/88/168/640*

*** 48/64/88/168/640 only*

**** 88 168 & 640 only*

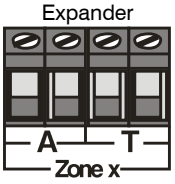
Wiring Zones

Wiring Types

Terminal types are shown below.

12/12-W/24/24-W/48/48-W/64-W

48/88/168/Keypads & 8XP Expander



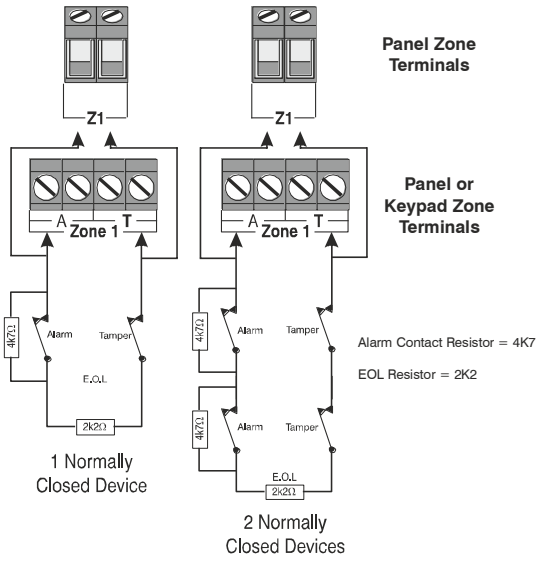
Any zones that are not being used must be linked out or programmed as 'Not Used' (see page 6).

When using End Of Line wiring, only 1 device should normally be connected to each zone.

A zone short can be programmed for 'Active' or 'Tamper' response (see page 9).

End Of Line (EOL) All panels

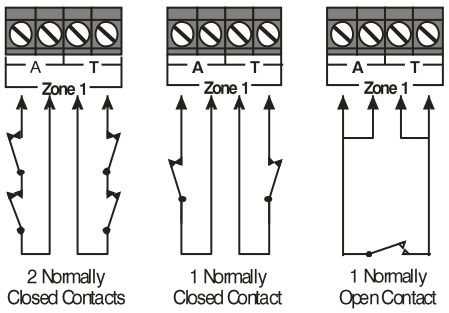
Use this wiring configuration when connecting normally closed detection devices to the zone using 2-Wires. Zone wiring should be programmed as Double Pole/EOL (see page 6)



NOTE *When using this configuration, no more than 3 detectors can be connected to each zone.*

Premier Elite 48/88/168 & 640 Double Pole

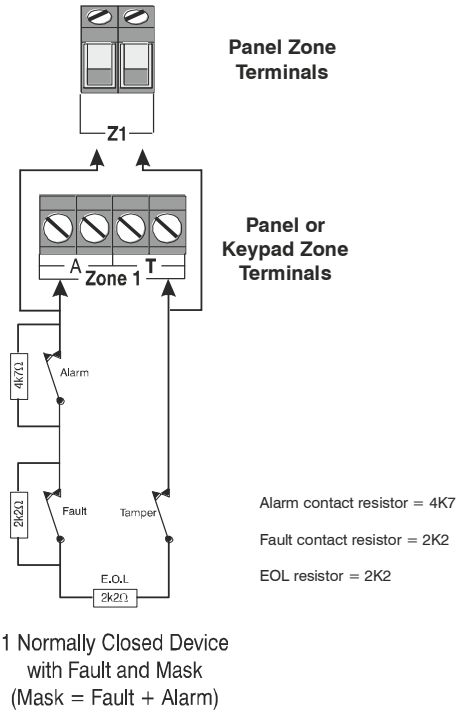
Use this wiring configuration when connecting normally closed or normally open detection devices to the zone using 4-Wires. Zone wiring should be programmed as Double Pole/EOL (see page 6)



NOTE *When using this configuration, no more than 10 detectors can be connected to each zone.*

Triple End Of Line (TEOL)

Use this wiring configuration when connecting PIR devices with that require Anti Mask and Fault detection. Several zone wiring programming options are available for this, Triple EOL is illustrated below(see page 6).

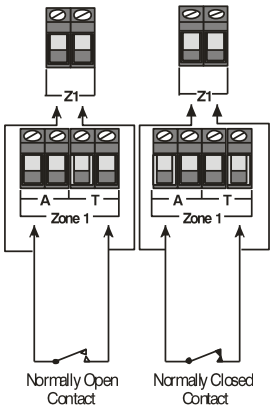


NOTE *When using this configuration, only 1 detector can be connected to each zone.*

NOTE *Alternative resistor values are available.*

Normally Open Or Normally Closed Circuits

This wiring configuration is normally used for key switches with a N/O or N/C contact. Zone wiring options are provided for each.



Testing Zones

To test zones prior to commissioning, use the ***View Zone Status*** option in ***Engineers Utilities*** see page 19. You must exit engineers mode to apply any changes to zone resistance monitoring.

Programming Guide

Introduction

The ***Premier Elite*** range of control panels are all programmed using a simple menu based system. The LCD keypad information displayed for each option is question based. Simple use of the (Yes)/(✓) & (No)/(✗) keys allows you to accept or alter the information presented to you, whilst the (▲▼) key allows you to navigate through all of the main and sub menus.

The menu structure is split into 9 main headings, each with sub menus. The following sections detail all of the main menu headings and all options available within the sub menus. Where applicable any shortcut keys have been described.

Comprehensive flow diagrams and full descriptions of all available options and functions are detailed in INS176 Premier Elite Installation Manual, available on the enclosed CD or from our website.

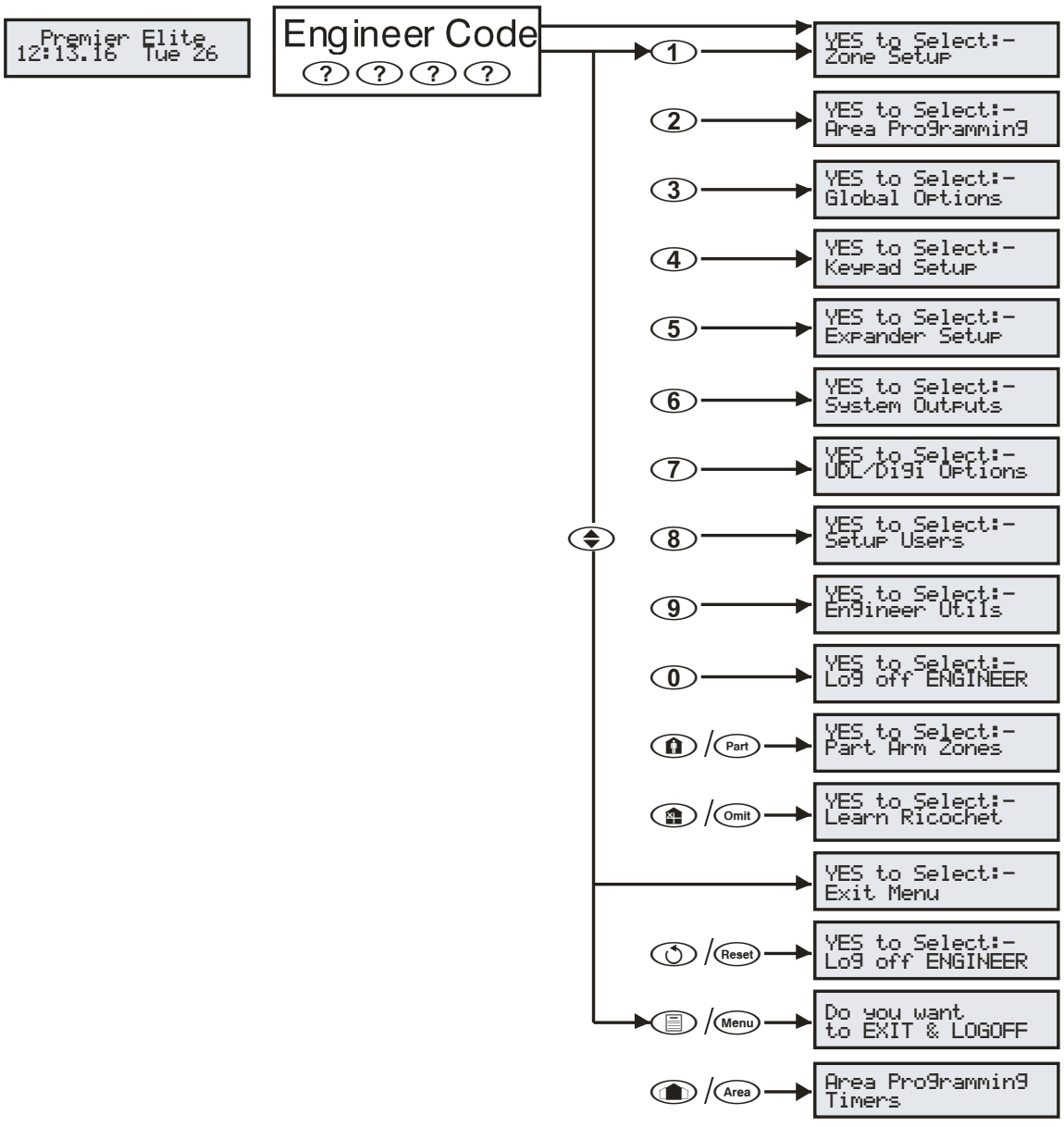
Default Codes

Default Engineer Code (00)	**1234**
Default User Code (01)	**5678**

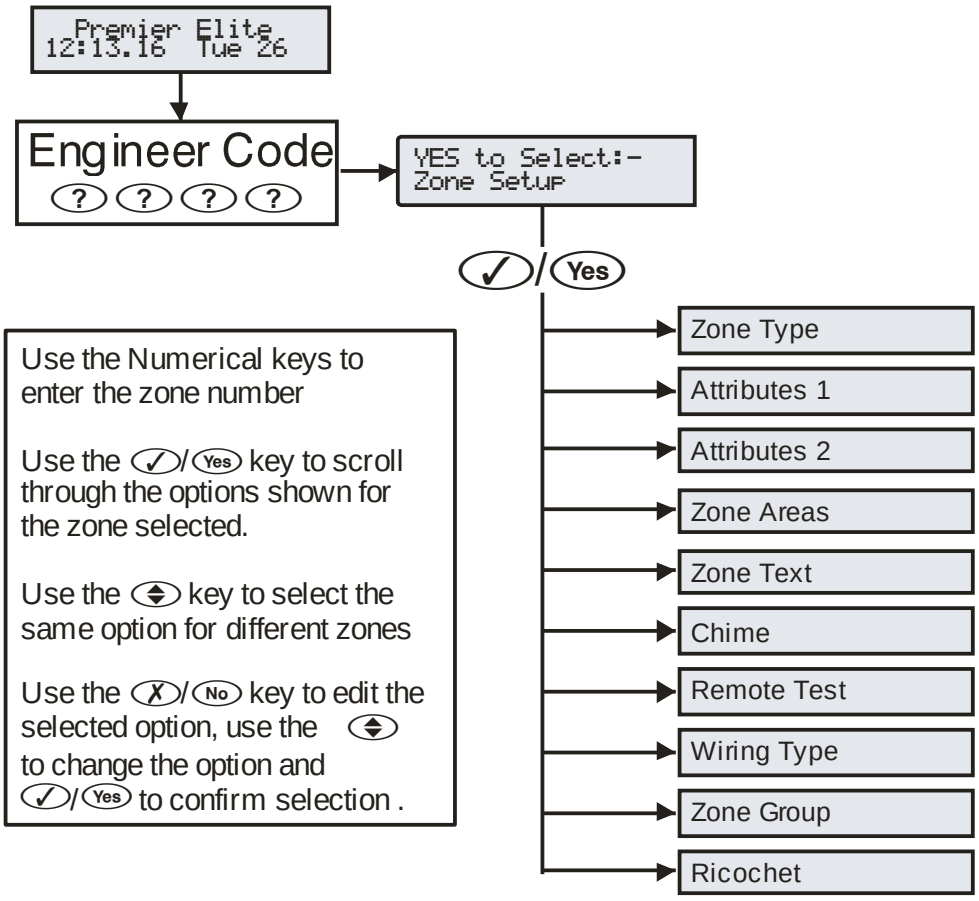
(0)	**Log Off Engineer**
(✓)/(Yes)	**Press** (✓)/(Yes) to log out of the Engineer Programming menu

Main Menu

Top Line Menu Structure



① Zone Setup



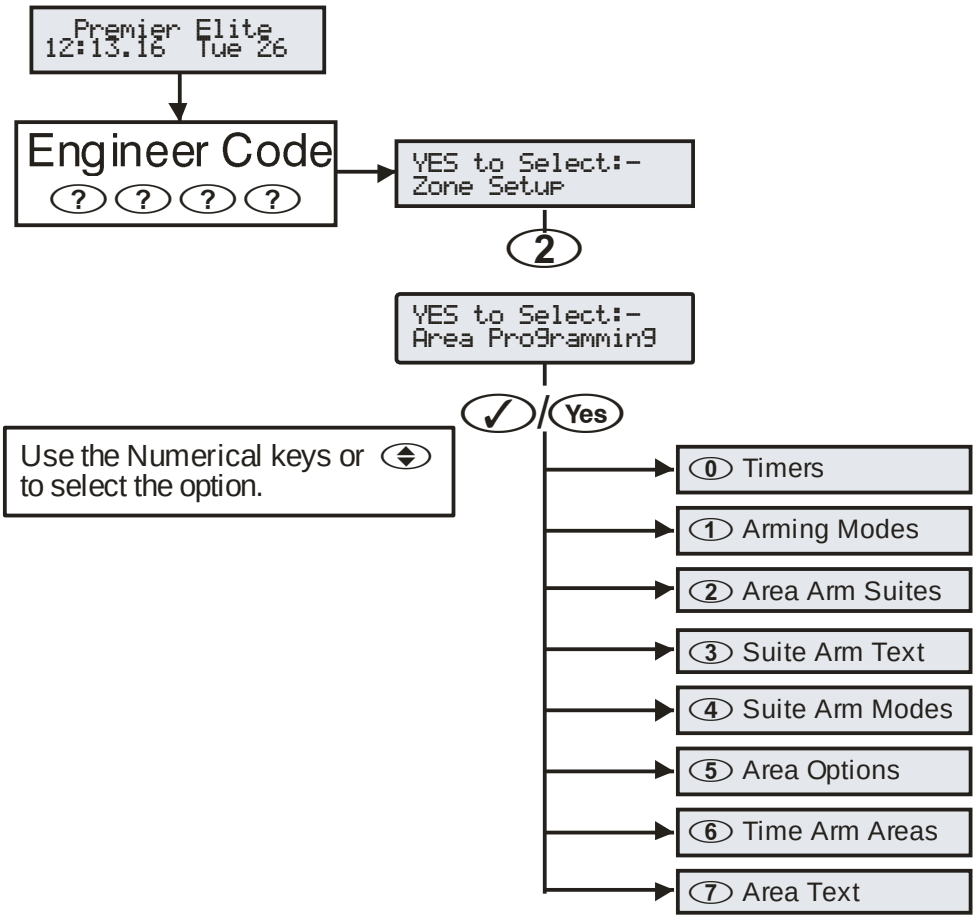
①	Zone Setup					
✓/Yes	**Zone Types**	**Use 1 - 8 to enter zone number, ✗/No to edit, 0 - 9 or ⇕ to select a zone type, ✓/Yes to accept**				
		0	Not Used	⇕	Medical	⇕ Conf PA audible
		1	Entry/Exit 1	⇕	24Hr Gas	⇕ Conf PA silent
		2	Entry/Exit 2	⇕	Auxiliary	
		3	Guard	⇕	Tamper	
		4	Guard Access	⇕	Exit Terminator	
		5	24Hr Audible	⇕	Moment Key	
		6	24Hr Silent	⇕	Latching Key	
		7	PA Audible	⇕	Security	
		8	PA Silent	⇕	Omit Key	
		9	Fire	⇕	Custom	
✓/Yes	**Zone Attributes 1**	**Press ✗/No to edit, 1 - 8 to select an attribute, ✓/Yes to accept**				
		1	**O** = Omittable	5	**3** = Part 3 Omit	
		2	**F** = Force Omit	6	**A** = Access	
		3	**1** = Part 1 Omit	7	**E** = Entry/Exit 2	
		4	**2** = Part 2 Omit	8	**G** = Guard	
✓/Yes	**Zone Attributes 2**	**Press ✗/No to edit, 1 - 8 to select an attribute, ✓/Yes to accept**				
		1	**D** = Double Knock	1	**R** = Reset	
		2	**B** = Beam Pair	6	**A** = Auto Re-arm	
		3	**S** = Soak Test	7	**Q** = Quick Resp.	
		4	**F** = Activity	8	**E** = Eng. Alarm	
✓/Yes	**Key Attributes** *(only applicable for keyswitch zone types)*	**Press ✗/No to edit, 1 - 8 to select an attribute, ✓/Yes to accept**				
		1	**I** = Instant Arming	5	**S** = Silent Arming	
		2	**P** = Part Arming	6	**T** = Time Arm Disable	
		3	**F** = Full Disable	7	**K** = Key Tube (Monitor Only)	
		4	**D** = Disarm Only	8	**L** = Log Only in Arm (Monitor Only when armed)	
✓/Yes	**Custom Zones (Zone Response 1)** *(only applicable for custom zone types)*	**Press ✗/No to edit, 1 - 8 to select an attribute, ✓/Yes to accept**				
		1	**B** = Bell/Strobe	4	**C** = Enable Comms	
		2	**I** =Internals	5	**W** = Warning	
		3	**M** = Monitor 24Hr			

(1)	**Zone Setup**							
(✓)/(Yes)	**Custom Attributes (Zone Response 2)** *(only applicable for custom zone types)*	**Press (✗)/(No) to edit, (1) - (8) to select an attribute, (✓)/(Yes) to accept**						
		(1)	**S*** = Seismic Zone	(4)	**D*** = Seismic Debug			
		(2)	**R*** =Seismic Reference					
		(3)	**T*** = Seismic Twin		***** *For future use*			
(✓)/(Yes)	**Zone Areas 12/24/48/64/88/168**	**Press (✗)/(No) to edit, (1) - (8) to select an area,** ((0) = all areas, (🏠)/(Area) = areas A – H and I –P), **(✓)/(Yes) to accept.**						
(✓)/(Yes)	**Zone Areas 640**	**Press (✗)/(No) to edit, (♫)/(Chime) or (🏠)/(Part) to select an area group (1-4),** use (🏠)/(Area) to select areas A – H and I –P), **(✓)/(Yes) to accept.**						
(✓)/(Yes)	**Zone Text**	**Press (✗)/(No) to edit, (0) - (9) to select characters** (predictive text is on by default but may be turned off as described below), **(✓)/(Yes) to accept**						
		(1)	. , ? ! 1 @ " -	(6)	M N O 6	(↕)	Move Cursor	
		(2)	A B C 2	(7)	P Q R S 7	(♫)/(Chime)	Copy Text to Memory	
		(3)	D E F 3	(8)	T U V 8	(🏠)/(Part)	Paste Text from Memory	
		(4)	G H I 4	(9)	W X Y Z 9	(✗)/(No)	Upper, Lower Case, Predictive Text and Numerical	
		(5)	J K L 5	(0)	0 _			
(✓)/(Yes)	**Zone Chime**	**Press (✗)/(No) to alter chime tone, (✓)/(Yes) to go to the next option.**						
(✓)/(Yes)		(✗)/(No)	Silent	(✗)/(No)	Chime 1	(✗)/(No)	Chime 2	(✗)/(No) Chime 3
(✓)/(Yes)	**Zone Test**	**Press (✗)/(No) to alter Test option, (✓)/(Yes) to go to the next option.**						
(✓)/(Yes)	**Zone Wiring**	**Press (✗)/(No) to alter wiring type, (✓)/(Yes) to accept**						
		(0)	Normally Open	(3)	Triple EOL	(6)	2K2/4K7/(6K8)	
		(1)	Normally Closed	(4)	1K/1K/(3K)	(7)	4K7/4K7	
		(2)	Double Pole EOL	(5)	4K7/6K8(12K)	(8)	WD Monitor	
(✓)/(Yes)	**Zone Group**	**Press (✗)/(No) to alter Zone Group, (1) - (8) to select a group (✓)/(Yes) to accept**						
		Elite12 & 24= 2 Groups, Elite 48/64 = 4 Groups, Elite 88 = 8 Groups, Elite 168 = 16 Groups, Elite 640= 64 Groups						
(✓)/(Yes)	***Ricochet*® learn**	**Use (0) - (9) or (↕) to select the zone, (✗)/(No) or (↻)/(Reset) to start the learn process, (20s) (✗)/(No) then (↻)/(Reset) to delete a device.**						
(✓)/(Yes)	**Ricochet Device Type**** *(only available when a Ricochet device is learned to the zone)*	**Press (✗)/(No) to alter Ricochet device type, (✓)/(Yes) to accept**						
		(0)	Always Awake	(4)	Expander O/P 3-4*	(8)	Expander O/P 4-6*	
		(1)	Hybrid	(5)	Expander O/P 5-6*	(9)	Device Specific	
		(2)	Auto	(6)	Expander O/P 7-8*	(↕)	Exp O/P 1,2,3,4,5,6,7 & 8	
		(3)	Expander O/P 1-2*	(7)	Expander O/P 1-3*			

**Reserved for future use*

*** Changing the default **Ricochet**® device type can have a detrimental impact on battery life.*

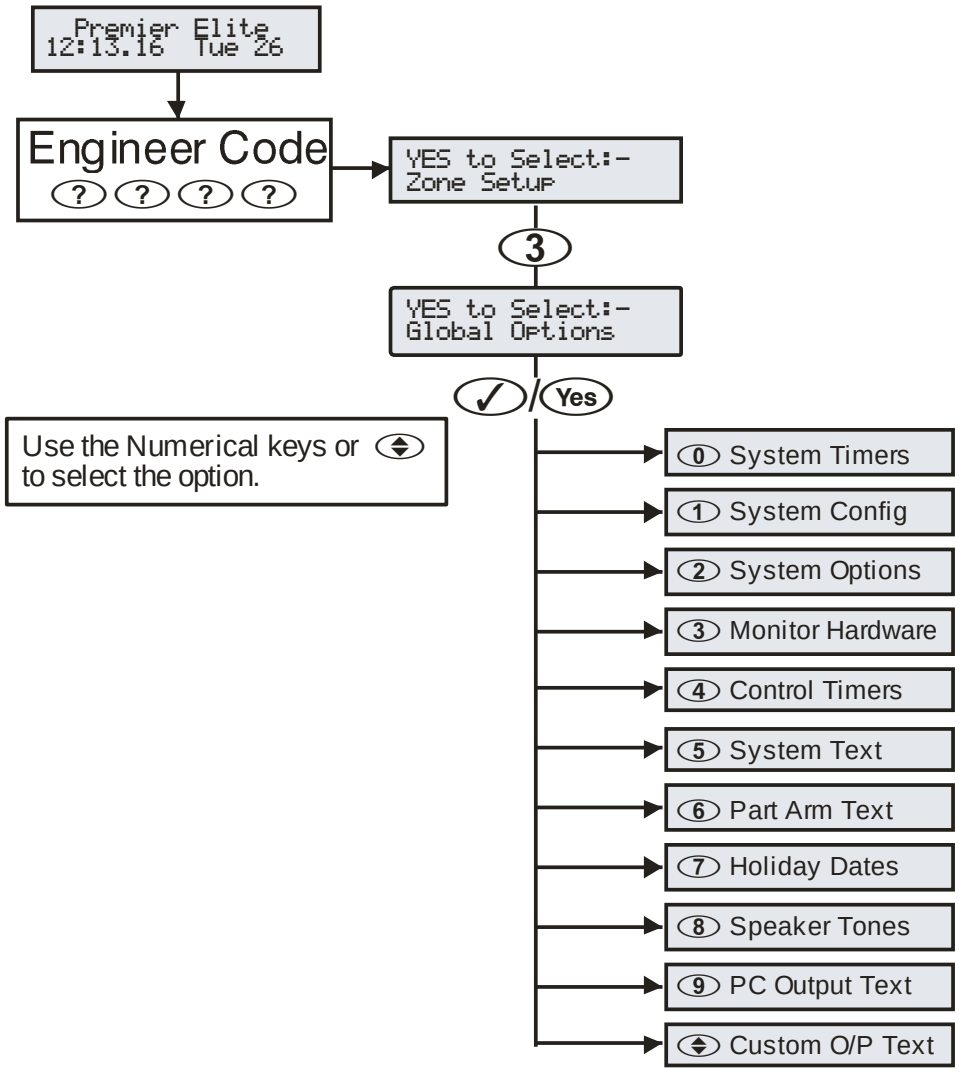
② Area Programming



②	Area Programming	
0	**Timers**	**Use ◆ to select an area, ✓/Yes to select a timer, 0 - 9 to enter a value, ✓/Yes to accept** 1: Exit Delay for Areas: 2: Entry Delay 1 for Areas: 3: Entry Delay 2 for Areas: 4: 2nd Entry Delay for Areas: 5: Bell Delay for Areas: 6: Bell Duration for Areas: 7: Coms Delay for Areas: 8: Part Bell Delay for Areas: 9: Confirmed PA Timer for Areas
1	**Arming Modes**	**Use ◆ to select an area, 1 - 5 to select arming an mode, ✓/Yes to accept** 1 Entry/Exit 2 Exit Term. 3 Timed Exit 4 Instant 5 Deferred
2	**Area Arm Suites 12/24/48/64/88/168**	**Use ◆ to select a suite, ✗/No no to edit, 1 - 8 to select an area,** (0 = all areas, ⌂/Area = areas A – H and I –P), **✓/Yes to accept**
2	**Area Arm Suites 640**	**Use ◆ to select a suite, ✗/No no to edit, ♫/Chime - ⌂/Part to select an area group (1-4),** use ⌂/Area to select areas A – H and I –P), **✓/Yes to accept.**
3	**Area Suite Text**	**Use 1 - 8 to select a suite, ✗/No to edit, 0 - 9 to select characters** (predictive text is on by default but may be turned off as described below), **✓/Yes to accept** 1 . , ? ! 1 @ " - 2 A B C 2 3 D E F 3 4 G H I 4 5 J K L 5 6 M N O 6 7 P Q R S 7 8 T U V 8 9 W X Y Z 9 0 0 _ ◆ Move Cursor ♫/Chime Copy Text to Memory ⌂/Part Paste Text from Memory ✗/No Upper, Lower Case, Predictive Text & Numerical
4	**Suite Arm Mode**	**Use ◆ to select an area, 1 - 5 to select an arming mode, ✓/Yes to accept** 1 Entry/Exit 2 Exit Term. 3 Timed Exit 4 Instant 5 Deferred
5	**Area Options**	**12/24/48/88/168** **Use ◆ to select an option, ✗/No to edit, 1 - 8 to select an area,** (0 = all areas, ⌂/Area = areas A – H and I –P), **✓/Yes to accept** **640**

②	Area Programming	
		Use ◆ to select an option, ✗/No no to edit, ♪/Chime - ⌂/Part to select an area group (1-4), use ⌂/Area to select areas A – H and I –P), ✓/Yes **to accept.**
		00: Auto Part Arm 01: Part Arm Instant 02: Part Arm Silent 03: Remote Arm 04: Remote Disarm 05: Panel Tamper 06: Bell Tamper 07: Auxiliary Tampe/Faultr 08: Panel Speaker 09: Bell & Strobe op 10: Alarm Eng Reset 11: Confirmation Reset 12: Tamper Eng Reset 13: Anti-code Reset 14: Phone Line Fault 15: Arm With L/Fault 16: AC Mains Fail 17: Arm With AC Fail 18: Full Arm Coms 19: Part Arm Coms
		20: Unarm Fire Coms 21: Unarm Tamper Coms 22: Auto Arm Areas 23: Area A Foyer 24: Log Part Omits 25: Multi Knock Area 26: UDL Keypad 27: Auto Chime (C2A) 28: Confirm in Entry 29: Conf. After Entry 30: Enable Part Arms 31: Bell Squawk 32: Fob After Entry 33: Armed = Coms 34: 2-Wire Smoke 35: Fault Eng Reset 36: L/Fault Eng Rst 37: AC Fail Eng Rst 38: Anti-Masking When Armed 39: No Arming Before
⑥	**Time Arm Areas**	**Use ◆ to select an area, ✓/Yes to toggle between the arm and disarm timer, 1 - 8 to select timers,**
⑦	**Area Text**	**Use ◆ to select an area, ✗/No to edit, 0 - 9 to select characters** (press the required key the appropriate number of times), ✓/Yes **to accept**

③ Global Options



3 Global Options

0 System Timers

Use ◆ to select a timer, press ✗/No and then 0 - 9 to enter a value, ✓/Yes to accept

00:	Exit Settle Time	13:	Pulse Period 3	26:	Confirmation Dly
01:	Global Bell Dly.	14:	Line Fault Delay	27:	Warning Delay
02:	Global Bell Dur.	15:	AC Off Delay	28:	Keypad Lock Time
03:	Double Knock Dly	16:	Batt Test Period	29:	Eng. Log Off Dly
04:	Beam Pair Time	17:	Batt Test Time	30:	Fire Bell Delay
05:	Activity Delay	18:	Soak Test Time	31:	Forced Entry Dly
06:	Abort Delay	19:	Service Interval	32:	Supervision Time
07:	Courtesy Time	20:	Test Call Every	33:	Poll IP Every
08:	Defer Arming By	21:	Min Random Time	34:	Confirmed PA Timer
09:	Auto Arm Delay	22:	Max Random Time	35:	Seismic Timer 1*
10:	Menu Time Out	23:	Door Strike Time	36:	Seismic Timer 2*
11:	Pulse Period 1	24:	Zone Response	37:	Seismic Timer 3*
12:	Pulse Period 2	25:	Keypad PA Delay		**for future use*

1 System Config.

Use ◆ to select an option, ✗/No to change the option, ✓/Yes to move to next option.

00:	No Bell on Arm Fail	21:	Zone Shorted = Tamper	42:	Cable Cut Expander Tamper
01:	Bell is an SAB	22:	Remote Reset = Reset	43:	Soak Test Active Arm Indication
02:	Clock is 24Hr	23:	User Code Outputs Pulse	44:	Confirm Low fob battery on Arm
03:	Auto BST/GMT Time Change	24:	Test Calls Timed	45:	Entry Stray Notification
04:	View Armed Areas	25:	Battery Test by Timer	46:	BS Entry Stray Notification
05:	Global Bell Time	26:	Bells on 1St Alarm	47:	No Confirm for Alarm Device Tamper
06:	24Hr Omit Local	27:	Internal Sounders on 1St Alarm	48:	Two Stage Wireless Arming
07:	Remove Omits	28:	Confirmation on Arm	49:	Stage Two with Zone OR Keypad
08:	Override Communicator Delay	29:	Aborted Alarms = Engineer Reset	50:	Confirmed Hold Up 2 Active PA Zones
09:	NVM is Unlocked	30:	Auto AV Outputs	51:	Max Log Messages 3
10:	User + Engineer	31:	System Clock = 50Hz	52:	Code Entry Timed
11:	Chime Audible	32:	80 Column Printer	53:	PD6662:2010
12:	Allow Omitting of Tampers	33:	Disable Text	54:	Auxiliary Input = Tamper
13:	Enable Online Printing	34:	Enable EN50131-1 Requirements	55:	Part Arm Squawk
14:	Hide Activity Faults	35:	First Alarm after Entry Timeout = Confirmed	56:	No Display Open Zones
15:	Hide Exit Errors	36:	Global Keypad Information	57:	Disable Battery Replacement Mode
16:	Code Tampers Alarm	37:	EN50131-1 Grade 2 System	58	Remote Arming Instant
17:	Code Tampers Lockout Keypad	38:	Disable Radio FOB PA		
18:	Areas are displayed as A-H, I-P	39:	Armed Mask = Fault		
19:	Auto Select of Areas	40:	Radio FOB PA is Silent		
20:	Enable Predictive Text	41:	Enable PSU Battery Monitoring		

2 System Options

Use ◆ to select a timer, press ✗/No and then 0 - 9 to enter a value, ✓/Yes to accept

0:	Advisory Volume	4:	Multiple Knocks	8:	Language
1:	Chime Volume	5:	Adjust Clock	9:	Country Code & Defaults
2:	Number Of Re-Arms	6:	Quick Count		
3:	Anti-code Resets	7:	Modem Level		

3 Monitor Hardware

Press ✗/No to edit, ◆ to select an option, ✗/No to change the option, ✓/Yes to accept

1	**P** = Line Fault	4	**B** = Bell Tamper	7	**B** = Battery Faults
2	**A** = AC Power Failure	5	**A** = Aux Tamper		
3	**O** = O/Ps/Chgr	6	**L** = Panel Lid Tamper		

4 Control Timers

Use ◆ to select an area, 0 - 9 to enter the 1st On time, ✓/Yes to accept
Use 1 - 7 to select the 1st On time days of operation, ✓/Yes to accept
Use 0 - 9 to enter the 1st Off time, ✓/Yes to accept
Use 1 - 7 to select the 1st Off time days of operation, ✓/Yes to accept

5 System Text

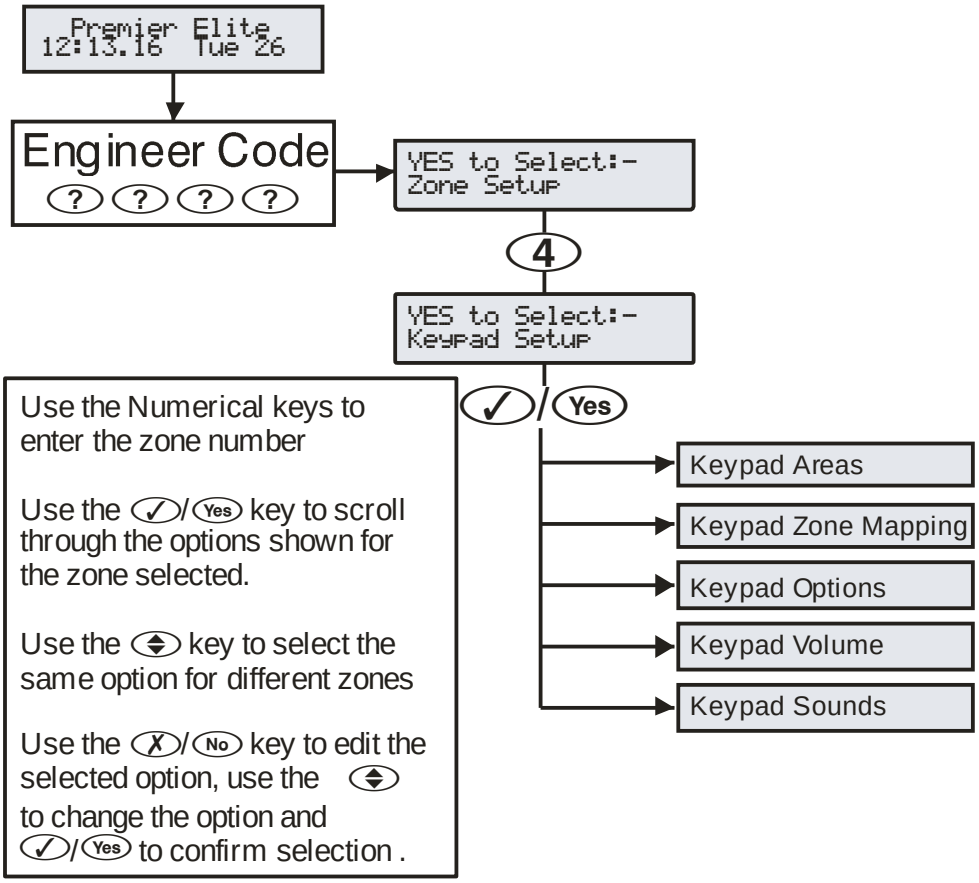
Use ◆ to select a message, 0 - 9 to select characters (predictive text is on by default but may be turned off as described previously), **✓/Yes to accept**

6 Part Arm Text

Use ◆ to select a Part Arm, ✗/No to edit the Part Arm text, 0 - 9 to select characters (predictive text is on by default but may be turned off as described previously), **✓/Yes to accept**

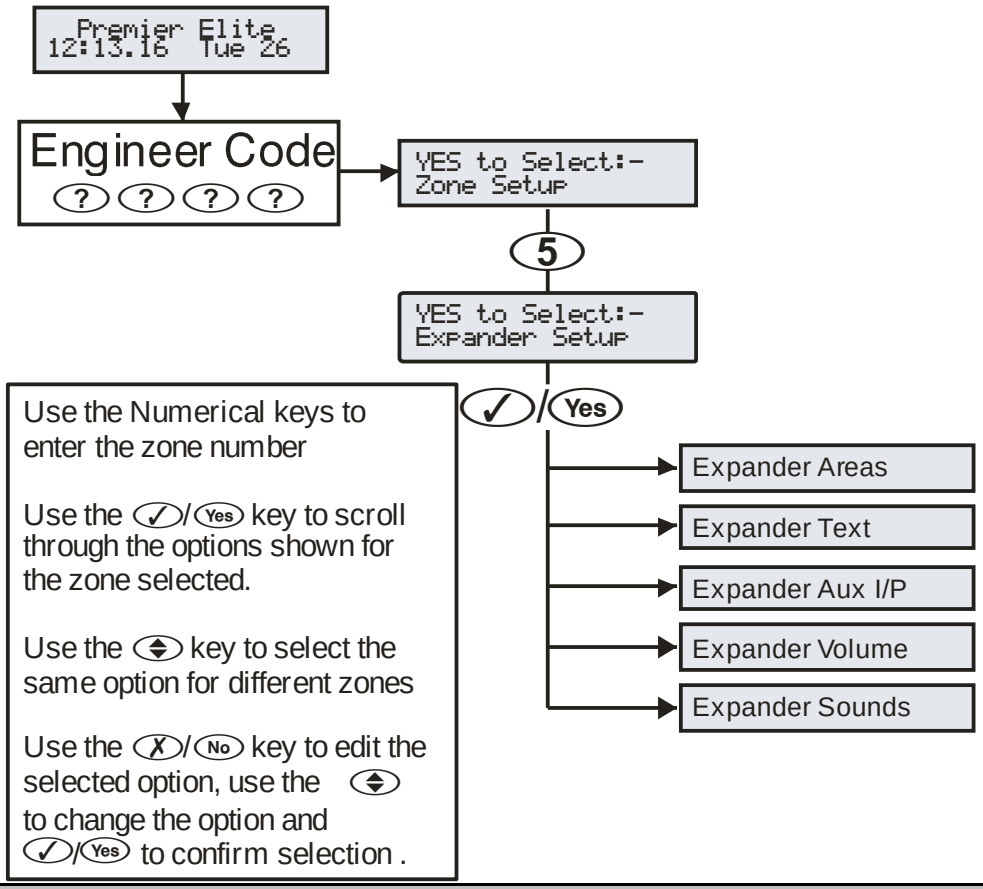
③	Global Options	
⑦	**Holiday Dates**	**Use ◆ to select a holiday date, 0 - 9 to enter the required date (D D M M Y Y), ✓/Yes to accept**
⑧	**Speaker Tones**	**Use ◆ to select a tone type, ✗/No to turn the tone on/off, ✓/Yes to accept**
⑨	**PC Output Text**	**Use ◆ to select an Output, ✗/No to edit, 0 - 9 to select characters** (predictive text is on by default but may be turned off as described previously), **✓/Yes to accept**
◆	**Custom O/P Text**	**Use ◆ to select an Output, ✗/No to edit, 0 - 9 to select characters** (predictive text is on by default but may be turned off as described previously), **✓/Yes to accept**

④ Keypad Setup



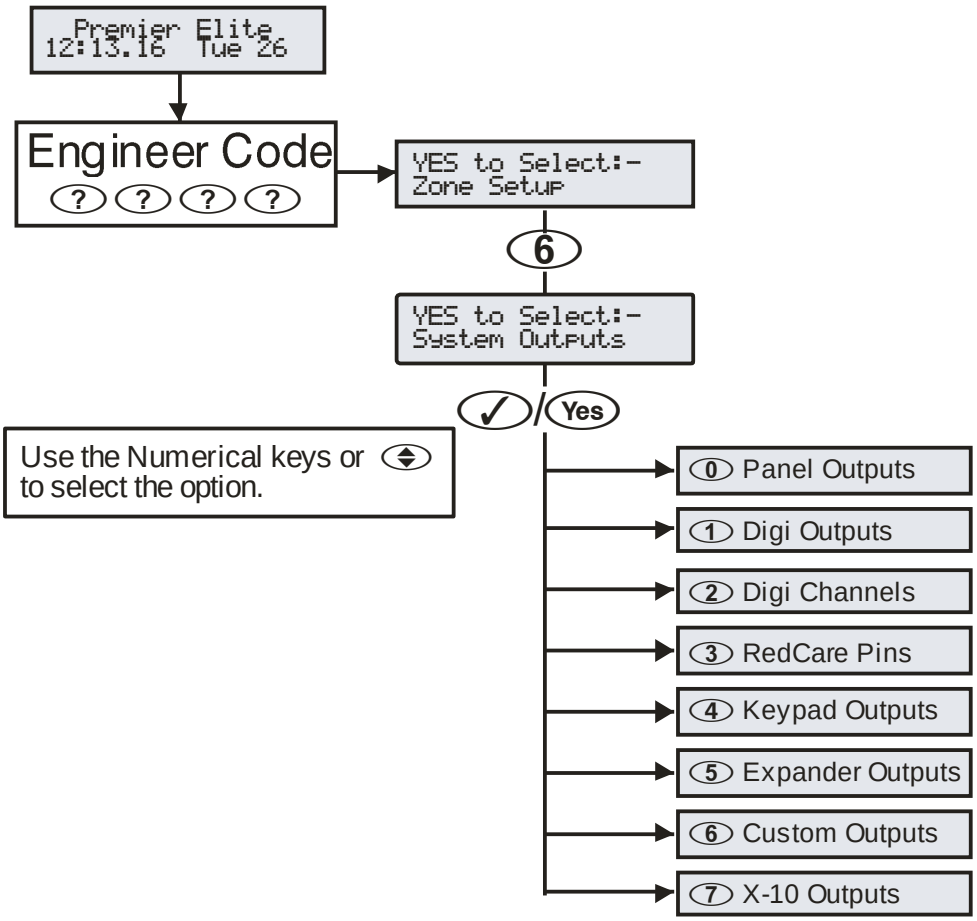
④	Keypad Setup		
✓/Yes	**Areas 12/24/48/64/88/168**	**Use 1 - 8 to select keypad, 0 to select network, ✗/No to edit, 1 - 8 to select an area, (0** = all areas, **⌂/Area** = areas A – H and I –P), **✓/Yes to accept**	
✓/Yes	**Areas 640**	**Use 1 - 8 to select keypad, 0 to select network, ✗/No to edit, ♫/Chime - ⌂/Part to select an area group (1-4)**, use **⌂/Area** to select areas A – H and I –P), **✓/Yes to accept.**	
✓/Yes	**Zone Mapping**	**Press ✗/No to edit, 1 - 8 to enter zone number, ✓/Yes to move to 2Nd zone, press , ✓/Yes to accept changes.**	
✓/Yes	**Options**	**Press ✗/No to edit, ◆ to select an option, ✗/No to change the option, ✓/Yes to accept**	
		1 **P** = PA Enabled	5 **A** = PA is Audible
		2 **F** = Fire Enabled	6 **D** = PA is Delayed
		3 **F** = Medical Enabled	7 **Q** = Quick Arm On
		4 **T** = Tamper Enabled	8 **O** = Info.LED>Output
✓/Yes	**Volume**	**Press ✗/No to edit, 0 - 8 to enter a value, ✓/Yes to accept**	
✓/Yes	**Sounder Options**	**Press ✗/No to edit, ◆ to select an option, ✗/No to change the option, ✓/Yes to accept**	
		1 **F** = Fire Tones Enabled	5 **E** = Entry Tones Enabled
		2 **A** = Alarm Tones Enabled	6 **X** = Exit Tones Enabled
		3 **F** = Fault Tones Enabled	7 **C** = Chime Tones Enabled
		4 **S** = Service Tones Enabled	8 **K** = Use Keypad Areas

⑤ Expander Setup



⑤	Expander Setup	
✓/Yes	**Areas 12/24/48/64/88/168**	**Use ① - ⑧ to select expander, ⓪ to select network**, ✗/No **to edit**, **① - ⑧ to select an area**, (⓪ = all areas, 🏠/Area = areas A – H and I –P), ✓/Yes **to accept**
✓/Yes	**Areas 640**	**Use ① - ⑧ to select expander, ⓪ to select network**, ✗/No **to edit**, ♫/Chime **- 🏠/Part to select an area group (1-4)**, use 🏠/Area to select areas A – H and I –P), ✓/Yes **to accept.**
✓/Yes	**Text**	**Press ✗/No to edit text, ⓪ - ⑨ to select characters** (predictive text is on by default but may be altered as described below), ✓/Yes **to accept**
	① . , ? ! 1 @ " -	⑥ M N O 6	⇕ Move Cursor
	② A B C 2	⑦ P Q R S 7	♫/Chime Copy Text to Memory
	③ D E F 3	⑧ T U V 8	🏠/Part Paste Text from Memory
	④ G H I 4	⑨ W X Y Z 9	✗/No Upper, Lower Case, Predictive Text & Numerical
	⑤ J K L 5	⓪ 0 _	
✓/Yes	**Auxiliary Input**	**Press ✗/No to edit, ⓪ - ⑦ to select an input type**, ✓/Yes **to accept**
	⓪ Not Used	⑥ Silence Sounders
	① Auxiliary Tamper	⑦ Global Omit Key
	② Bell Tamper	⑧ Local Omit Key
	③ Remote Reset	⑨ PSU Monitor
	④ Line Fault +ve	⇕ Defer Auto Arming
	⑤ Line Fault -ve	
✓/Yes	**Volume**	**Press ✗/No to edit, ⓪ - ⑧ to enter a value, ✓/Yes to accept**
✓/Yes	**Sounder Options**	**Press ✗/No to edit, ⇕ to select an option, ✗/No to change the option, ✓/Yes to accept**
	① **F** = Fire Tones Enabled	⑤ **E** = Entry Tones Enabled
	② **A** = Alarm Tones Enabled	⑥ **X** = Exit Tones Enabled
	③ **F** = Fault Tones Enabled	⑦ **C** = Chime Tones Enabled
	④ **S** = Service Tones Enabled	

⑥ System Outputs



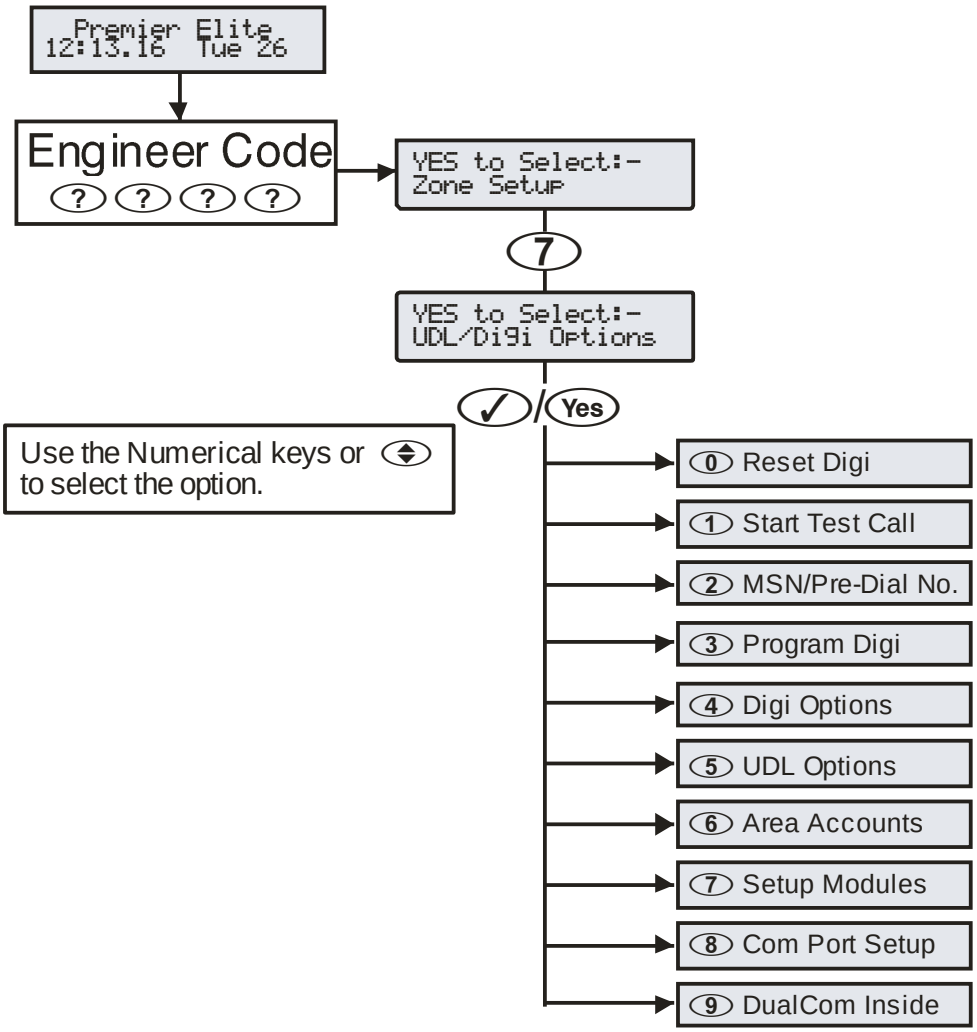
⑥	System Outputs	
⓪	**Panel Outputs**	**Use ① - ⑧ to select an output, ✗/No to edit, ① - ⑦ to enter an output group, ⓪ - ⑨ to enter output type, ✓/Yes to accept**
①	**Digi Outputs**	
②	**Digi Channels**	
③	**RedCARE Pins** (Relay pins when using ***RM8***)	
④	**Keypad Outputs**	**Use ① - ⑧ to select device, ⓪ to select network, ⇕ to select an output, ✗/No to edit, ① - ⑦ to enter an output group, ⓪ - ⑨ to enter output type, ✓/Yes to accept**
⑤	**Expander Outputs**	
⑥	**Custom Outputs**	**Use ⓪ to select output, ① - ⑧ to select a switch, ✗/No to edit, ① - ⑦ to enter an output group, ⓪ - ⑨ to enter output type, ✓/Yes to accept**
⑦	**X-10 Outputs**	**Use ① - ⑧ to select an output, ✗/No to edit, ① - ⑦ to enter an output group, ⓪ - ⑨ to enter output type, ⓪ - ⑨ to enter House/device Number, ✓/Yes to accept**

Key	Output Group	Outputs Types					
⓪	**Not Used:**	**Press ✓/Yes to accept**					
①	**System:**	**Use ⓪ - ⑨ to enter an output type or use ⇕ to search, ✓/Yes to accept**					
		00:	ATS Path Fault	23:	Custom 1 Stage B	44:	Com Port Fault
		01:	Mains Power Off	24:	Custom 1 Stage A or B	45:	Radio Jamming
		02:	Power Output Fault	25:	Custom 2 Stage A	46:	Radio RX Tamper
		03:	Bell Tamper	26:	Custom 2 Stage B	47:	Detector Test
		04:	Auxiliary Tamper	27:	Custom 2 Stage A or B	48:	ATS Remote Test
		05:	Panel Lid Tamper	28:	Radio-Pad Failed	49:	No ATS Available
		06:	Engineer Working	29:	Radio-Pad Successful	50:	CIE Fault
		07:	Confirm Devices	30:	No Radio Signal	51:	PSU Fuse Blown
		08:	Service Required	31:	Radio-Pad Lost	52:	PSU Battery Fault
		09:	System Over Voltage	30:	No Radio-Pad Signal	53:	WD Test Active
		10:	Battery Fault	31:	Radio-Pad Lost	54:	PSU Mains Fault
		11:	Battery Test On	32:	Custom 3 Stage A	55:	Com 1 Power On
		12:	Courtesy Light	33:	Custom 3 Stage B	56:	Com 2 Power On
		13:	System Open	34:	Custom 3 Stage A or B	57:	Com 3 Power On
		14:	Fully Armed	35:	Custom 4 Stage A	58:	IP Path Fault

		15:	Coms Failed	36:	Custom 4 Stage B	59:	Low Fob Battery
		16:	Coms Successful	37:	Custom 4 Stage A or B	60:	PS Failure
		17:	Coms Active	38:	Com 1 Fault	61:	Charger Fault
		18:	UDL Lockout	39:	Com 2 Fault	62:	GSM Tamper
		19:	UDL Call Active	40:	Com 3 Fault	63:	Auxiliary Fault
		20:	UDL Enabled	41:	Com 1 No Signal	64:	Poll Timer
		21:	Confirmed Alarm	42:	Com 2 No Signal		
		22:	Custom 1 Stage A	43:	Com 3 No Signal		
(2)	**Area:**	**12/24/48/64/88/168**					
		Use (0) - (9) to enter an output type or use (◆) to search, (1) - (8) to select an area, ((0) = all areas, (🏠)/(Area) = areas A – H and I –P), (✓)/(Yes) **to accept**					
		640					
		Use (0) - (9) to enter an output type or use (◆) to search, (◆) to select an area, (✓)/(Yes) **to accept type,** (♪)/(Chime) **-** (🏠)/(Part) **to select an area group (1-4)**, use (🏠)/(Area) to select areas A – H and I –P), (✓)/(Yes) **to accept.**					
		00:	Alarm	25:	Force Arm	50:	Part Armed 1
		01:	Guard Alarm	26:	Force Armed	51:	Part Armed 2
		02:	Guard Access Alarm	27:	Arm Fail	52:	Part Armed 3
		03:	Entry Alarm	28:	Bell SAB	53:	Custom Alarm
		04:	Confirmed Intruder	29:	Bell SCB	54:	Zone Warning
		05:	24Hr Audible	30:	Strobe	55:	Arm Fail Warning
		06:	24Hr Silent	31:	Detector Latch	56:	Forced Entry
		07:	24Hr Gas	32:	Detector Reset	57:	Zones Locked Out
		08:	PA Audible	33:	Walk Test	58:	All Armed
		09:	PA Silent	34:	Omitted	59:	Time Arm Disabled
		10:	Duress	35:	24Hr Omit	60:	Armed / Alarm
		11:	Fire Alarm	36:	Reset Required	61:	Intruder Alarm
		12:	Medical	37:	Door Strike	62:	Speaker Mimic
		13:	Auxiliary Alarm	38:	Chime Mimic	63:	Full Arm/Exit
		14:	Tamper Alarm	39:	Chime Enabled	64:	Detector Fault
		15:	Alarm Abort	40:	Double Knock Active	65:	Detector Masked
		16:	Ready	41:	Beam Pair	66:	Fault Present
		17:	Entry Mode	42:	Zone on Test	67:	LED Control
		18:	2nd Entry Mode	43:	Test Failed	68:	Full Armed Entry
		19:	Exit Mode	44:	Internal Alarm	69:	Fire Sounder
		20:	Entry/Exit Mode	45:	Auto Arming	70:	Confirmed PA
		21:	Armed	46:	Time Arming	71:	Confirmed Intruder
		22:	Full Arm	47:	1st Code Entered	72:	Seismic Alarm*
		23:	Part Armed	48:	2nd Code Entered		
		24:	Part Arming	49:	Area Secured		**for future use*
(3)	**Zone:**	**Use (1) - (8) to enter a zone number or use (◆) to search, (0) - (5) to select a zone output type,** (✓)/(Yes) **to accept**					
		(0)	Mimic	(2)	Alarm	(4)	MimicLatch
		(1)	MimicArm	(3)	Tamper	(5)	Omitted
(4)	**User:**	**Use (0) - (8) to select a User code or use (◆) to search, (✓)/(Yes) to accept**					
(5)	**Control Timer:**	**Use (1) - (8) to select a Control Timer, (✓)/(Yes) to accept**					
(6)	**PC Control:**	**Use (1) - (8) to select a PC Control, (✓)/(Yes) to accept**					
(7)	**Door Control:**	**Use (0) - (9) to select a Door Control, (✓)/(Yes) to accept**					
(8)	**Zone Group**	**Use (0) - (1) to select the output function, (✓)/(Yes) to accept (1) - (9) to select the Zone Group**					

Key	Attributes	Attribute Types			
(✓)/(Yes)	**Attributes**	**Press (✓)/(Yes) on the output to go to attributes to , Press (✗)/(No) to edit , use (1) - (8) to select attributes, Press (✓)/(Yes) to accept**			
		(1)	**U** = User Test	(5)	**2** = Use Pulse Timer 2
		(2)	**I** = Inverted	(6)	**3** = Use Pulse Timer 3
		(3)	**L** = Latching	(7)	**C** = Custom Output 1, Stage A
		(4)	**1** = Use Pulse Timer 1	(8)	**R** = Random

⑦ UDL/Digi Options

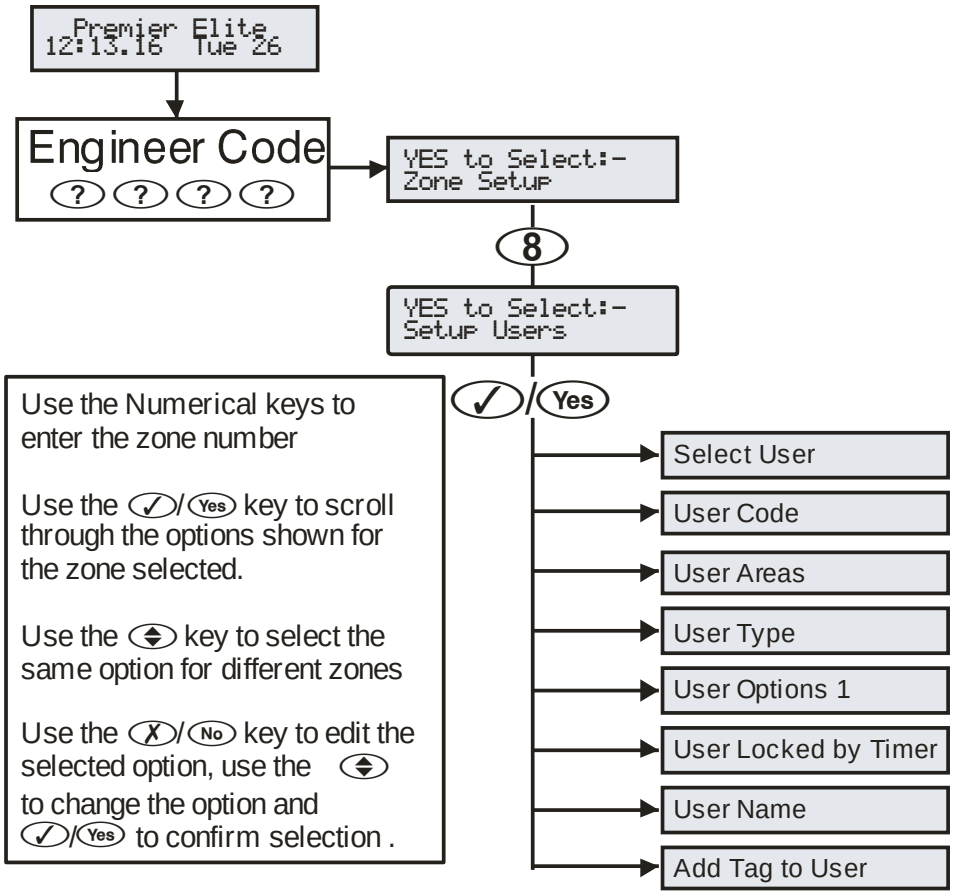


⑦	UDL/Digi Options	
0	**Reset Digi**	**Press ✓/Yes to reset communicator**
1	**Start Test call**	**Press 0 to send test call to the ARC**, **1 - 3 to initiate a call to the remote UDL computer** (using Call Back numbers 1, 2 or 3)
2	**Msn Pre Dial Number**	**Press No to edit, enter call waiting number, ✓/Yes to accept**
		0 - 9 = Numbers 0 to 9 · Chime Insert a '**#**' · ✗/No then Yes = Clear Screen · Part **,** (3 Second pause) · Omit Insert a '*****' · Area **W** (10 Second pause)
3	**Program Digi**	**Use ▲▼ to select ARC sets 1 - 5**, **No to edit**
	Protocol Options	**Press ✗/No to edit**, **0 - 6 to select protocol**, **✓/Yes to accept**
		0 Disabled · 1 Fast Format · 2 Contact ID · 3 SIA Level II · 4 EasyCom Pager · 5 SMS · 6 Speech Module · 7 Texecom Connect
	Primary Number	**Press ✗/No to edit**, **0 - 9 to enter telephone number**, **✓/Yes to accept**
	Secondary Number	**Press ✗/No to edit**, **0 - 9 to enter number**, **✓/Yes to accept**
	Account Number	**Press ✗/No to edit**, **0 - 9 to enter number**, **✓/Yes to accept**
	Dialling Attempts	**Press ✗/No to edit**, **0 - 9 to enter number**, **✓/Yes to accept**
	Reporting Channels	**Press ✗/No to edit**, **1 - 8 to select channels**, **✓/Yes to accept** (only available for Fast Format)
	Restoring Channels	**Press ✗/No to edit**, **1 - 8 to select channels**, **✓/Yes to accept** (only available for Fast Format)
	Open/Close Channels	**Press ✗/No to edit**, **1 - 8 to select channels**, **✓/Yes to accept** (only available for Fast Format)
	Reporting Areas 12/24/48/64/88/168	**Press ✗/No to edit**, **1 - 8 to select an area**, (**0** = all areas, Area = areas A – H and I –P), **✓/Yes to accept** (only available for Contact ID, SIA Level II, EasyCom Pager, SMS Messaging and Speech Module)
	Reporting Areas 640	**Press ✗/No to edit**, Chime **-** Part **to select an area group (1-4)**, use Area to select areas A – H and I –P), **✓/Yes to accept.** (only available for Contact ID, SIA Level II, EasyCom Pager and SMS Messaging)

(7)	UDL/Digi Options	
	Reporting Options	**Press (✗)/(No) to edit, (1) - (8) to select option, (✓)/(Yes) to accept** (only available for Contact ID, SIA Level II, EasyCom Pager, SMS Messaging and Speech Module) (1) **P** = Priority Alarms; (2) **A** = Normal Alarms; (3) **C** = Open/Close; (4) **O** = Omits & Reinstates; (5) **M** = Maintenance; (6) **T** = Tamper Alarms; (7) **C** = Test Calls; (8) **R** = Restores
	Config 1:	**Press (✗)/(No) to edit, (1) - (8) to select option, (✓)/(Yes) to accept** (1) **A** = Use Area Acc; (2) **S** = Use SIA I; (3) **R** = Enable RadioPad; (4) **G** = Enable GSM; (5) **A** = Activate AV; (6) **F** = Use GSM First; (7) **I** = Connect Via IP; (8) **T** = Send SIA Text
	Config 2:	**Press (✗)/(No) to edit, (1) - (3) to select option, (✓)/(Yes) to accept** (1) **1** = Use Com Port 1; (2) **2** = Use Com Port 2; (3) **3** = Use Com Port 3; (4) 4 = Add Push Message
(4)	**Digi Options**	**Press (✗)/(No) to edit, (▲▼) to select an option, (✗)/(No) to change the option, (✓)/(Yes)** to accept (1) **E** = Digi is Enabled; (2) **P** = Pulse Dialling; (3) **3** = Pulse after 3; (4) **B** = Blind Dialling; (5) **W** = Call Waiting On; (6) **A** = Dial All Numbers
(4)*	**Enable Texecom Connect App**	**THIS MENU ONLY APPEARS ONCE THE TEXECOM CONNECT PROTOCOL HAS BEEN SELECTED. SUBSEQUENT MENUS ARE INCREMENTED ACCORDINGLY SO 5 BECOMES 6 etc** Used to enable the Connect App. Communicates with our secure servers and issues an app code to be entered into the Users Smart device.
(5)	**UDL Options**	**Press (✗)/(No) to edit Call Back number 1, enter the number, (✓)/(Yes) to accept** (0) - (9) = Numbers 0 to 9; (✗)/(No) then (Yes) = Clear Screen; (Omit) Insert a '*'; (♪)/(Chime) Insert a '#'; (⌂)/(Part) , (3 Second pause); (⌂)/(Area) **W** (10 Second pause)
	Call Back Number 2	**Press (✗)/(No) to edit Call Back number 2, enter the number, (Yes) to accept**
	Call Back Number 3	**Press (✗)/(No) to edit Call Back number 3, enter the number, (Yes) to accept**
	UDL Password	**Press (✗)/(No) to edit, (0) - (9) to enter number, (Yes) to accept**
	UDL options	**Press (✗)/(No) to edit, (▲▼) to select an option, (✗)/(No) to change option, (Yes) to accept** (1) **A** = Attended Download; (2) **M** = Manual Call-back; (3) **D** = 2-Call Answer Phone Defeat; (4) **L** = Restrict Download when Armed; (5) **A** = Download when Part Armed; (6) **K** = Online RKP = Off)
	Rings Required	**Press (✗)/(No) to edit, (0) - (9) to enter number of rings, (✓)/(Yes) to accept**
	UDL Dial Attempt	**Press (✗)/(No) to edit, (0) - (9) to enter number of dialling attempts, (✓)/(Yes) to accept**
(6)	**Area Accounts**	**Use (▲▼) to select an area, (✗)/(No) to edit, (0) - (9) to enter account number, (✓)/(Yes) to accept**
(7)	**Setup Modules**	**Press (↻)/(Reset) to reset communicator**
	Setup Radio-Pad?	**Press (✓)/(Yes) to set-up Radio-Pad, (▤)/(Menu) to exit**
	Pad ARC 1 Pri No	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	Pad ARC 1 Sec No	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	Pad ARC 1 Prefix	**Press (✗)/(No) to edit, (0) - (9) to enter pad prefix, (✓)/(Yes) to accept**
	Pad ARC 2 Pri No	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	Pad ARC 2 Sec No	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	Pad ARC 2 Prefix	**Press (✗)/(No) to edit, (0) - (9) to enter pad prefix, (✓)/(Yes) to accept**
	Pad ARC 3 Pri No	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	Pad ARC 3 Sec No	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	Pad ARC 3 Prefix	**Press (✗)/(No) to edit, (0) - (9) to enter pad prefix, (✓)/(Yes) to accept**
	Setup AV Module?	**Press (✓)/(Yes) to set-up AV Module, (▤)/(Menu) to exit**
	AV No.1	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	AV No.2	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	AV No.3	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**
	AV Dial Attempts	**Press (✗)/(No) to edit, (0) - (9) to enter number of dialling attempts, (✓)/(Yes) to accept**
	AV Re-Dial Delay	**Press (✗)/(No) to edit, (0) - (9) to enter the re-dial delay, (✓)/(Yes) to accept**
	Setup IP Data?	**Press (✓)/(Yes) to set-up IP Module, (▤)/(Menu) to exit**
	Select Com Port?	**Use (▲▼) to select Com Port 1,2 or 3, (✓)/(Yes) to continue (Menu) to exit**
	ComIP Address	**Press (✗)/(No) to edit, (0) - (9) to enter an IP Address, (✓)/(Yes) to accept**
	ComIP Port	**Press (✗)/(No) to edit, (0) - (9) to enter a Port Number, (✓)/(Yes) to accept**
	ComIP Gateway	**Press (✗)/(No) to edit, (0) - (9) to enter a Gateway Address, (✓)/(Yes) to accept**

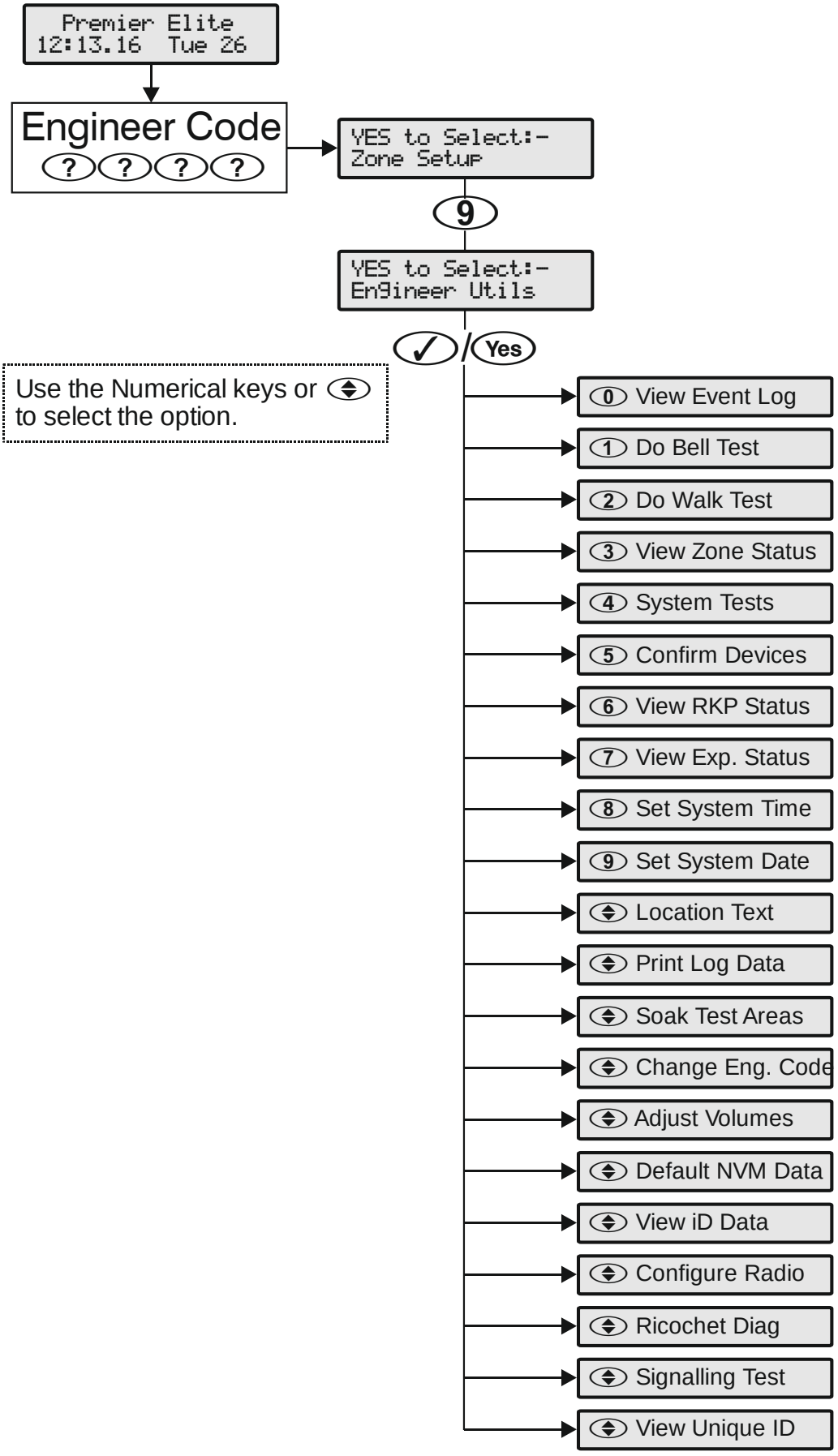
(7)	UDL/Digi Options					
	ComIP Mask	**Press (✗)/(No) to edit, (0) - (9) to enter a Subnet Mask, (✓)/(Yes) to accept**				
	Polling /SMG IP	**Press (✗)/(No) to edit, (0) - (9) to an IP Address, (✓)/(Yes) to accept**				
	Name/SMG Port	**Press (✗)/(No) to edit, (0) - (9) to a Name, (✓)/(Yes) to accept**				
	Setup GPRS Data?	**Press (✓)/(Yes) to set-up Chiron IRIS GPRS Data, (▤)/(Menu) to exit**				
	Access Pnt Name	**Press (✗)/(No) to edit, (0) - (9) to enter an Access Point Name, (✓)/(Yes) to accept**				
	User Name	**Press (✗)/(No) to edit, (0) - (9) to enter a User Name, (✓)/(Yes) to accept**				
	Password	**Press (✗)/(No) to edit, (0) - (9) to enter a Password, (✓)/(Yes) to accept**				
	SMS Centre Pri	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**				
	SMS Centre Sec	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**				
	Modem Setup Stg.	**Press (✗)/(No) to edit, (0) - (9) to enter modem string, (✓)/(Yes) to accept**				
	Modem Speed	**Press (✗)/(No) to edit, (0) - (9) to enter telephone number, (✓)/(Yes) to accept**				
	Pad ESN	View only				
	Pad NUA	View only				
	Forward Signal	View only				
	Reverse Signal	View only				
	Bit Error Rate	View only				
	Cyclic Redundancy	View only				
	GSM Signal/BER	View only				
	Com1,2,3	**Press (↻)/(Reset) to reset com port**				
(8)	**Com Port Setup**	**Use (0) - (3) to select a com port, (✗)/(No) to edit, (◆) to select an option, (✓)/(Yes) to accept**				
	Onboard Digi Port	(0) Nothing Fitted	(6) Radio-pad	(◆) WebWayOne/Emizon Module		
		(1) Com300	(7) GSM Module	(◆) X-10 Control		
	Com Ports 1, 2 & 3	(2) Com2400	(8) Crestron System	(◆) IRIS IP Module		
		(3) ComISDN	(9) SIP	(◆) SmartCom		
		(4) ComIP	(◆) RadioPlus			
		(5) Modem Unit	(◆) Inovonics Radio			
	Expansion Port	(0) Nothing Fitted	(2) ID Module	(4) Memory Module		
		(1) AV Module	(3) X10 Module	(5) Speech Module		

(8) Setup Users



8	Setup Users			
✓/Yes	**Select User**	**Use 0 - 9 to enter enter a user number**, ↻/Reset **to Delete User,** ⌂/Omit **to assign a Radio FOB,** ♫/Chime **to Copy a TAG,** ⌂/Part **to Import a TAG,** Yes **to enter a Code**		
✓/Yes	**User Code**	**Use 0 - 9 to enter a code**, ✓/Yes **to accept**		
✓/Yes	**User Areas 12/24/48/64/88/168**	**Use 1 - 8 to select an area**, (0 = all areas, ⌂/Area = areas A – H and I –P), ✓/Yes **to accept**		
	User Areas 640	**Use** ♫/Chime **-** ⌂/Part **to select an area group (1-4),** use ⌂/Area to select areas A – H and I –P, ✓/Yes		
✓/Yes	**User Types**	**Use 0 - 9 to select a user type**, Yes **to accept**		
		1 Master	5 Arm Only	9 Custom
		2 Manager	6 Duress	0 Engineer
		3 Standard	7 Door Strike	▲▼ Prevent Unset
		4 Local	8 Vacation	
✓/Yes	**User Options 1**	**Press ✗/No to edit, ▲▼ to select an option, ✗/No to change option, ✓/Yes to accept**		
		1 **A** = Arming	4 **R** = Eng. Reset	7 **Y** = Auto 'YES'
		2 **D** = Disarming	5 **a** = Local Arming	8 **D** = Disarm First
		3 **O** = Omitting	6 **d** = Local Disarming	
✓/Yes	**User Options 2** (only available to Custom users)	**Press ✗/No to edit, ▲▼ to select an option, ✗/No to change option, ✓/Yes to accept**		
		1 **U** = User Menu	4 **V** = Vacation	7 **C** = Duress Code
		2 **E** = Eng. Program	5 **S** = Door strike	8 **O** = Open/Close
		3 **D** = Dual Code	6 **R** = Call Rem. PC	
✓/Yes	**User Config**. (only available to Custom users with User Menu)	**Press ✗/No to edit, ▲▼ to select an option, ✗/No to change option, ✓/Yes to accept**		
		1 **C** = Change Code	4 **S** = System tests	7 **A** = Add Eng. Code
		2 **Z** = Chime Zones	5 **U** = Setup Users	8 **N** = NVM Locking
		3 **T** = Change Timer	6 **E** = Eng. Access	
✓/Yes	**User Time Lock**	**Use 1 - 8 to select a control timer**, ✓/Yes **to accept**		
✓/Yes	**User Text**	**Press ✗/No to edit, 0 - 9 to select characters** (predictive text is on by default, this may be altered as described below), ✓/Yes **to accept**		
		1 . , ? ! 1 @ " -	6 M N O 6	▲▼ Move Cursor
		2 A B C 2	7 P Q R S 7	♫/Chime Copy Text to Memory
		3 D E F 3	8 T U V 8	⌂/Part Paste Text from Memory
		4 G H I 4	9 W X Y Z 9	⌂/Area Upper, Lower Case, Predictive Text & Numerical
		5 J K L 5	0 0 _	
✓/Yes	**Door Control** (only available to Users with Door Strike attribute)	**Use 1 - 8 to select a door, 0 to select network** ✓/Yes **to accept**		
		1 Door 1	4 Door 4	7 Door 7
		2 Door 2	5 Door 5	8 Door 8
		3 Door 3	6 Door 6	0 Select Network
✓/Yes	**Assign Prox TAG**	**Press ✓/Yes to assign TAG, present TAG to 'Prox' symbol on keypad**		

9 Engineer Utilities



9	Engineer Utils	
0	**View System Log**	✓/Yes **to view System, Alarm or Mandatory log**
	1 **System log** 2 **Alarm Log** 3 **Mandatory Log**	**Use ↕ to move up and down through log** (down moves back in time, up moves forward again), ⌂/Area **to show area information or time and date**, 1 - 7 or ♪/Chime **to find specific events**
	↕ Move backwards and forwards ⌂/Area View Area/Time and date 1 View Priority Alarms 2 View Normal Alarms 3 View Open/Close Events	4 View Omits/Reinstate Events 5 View Maintenance Events 6 View Tamper Alarms 7 View Test Call Events ♪/Chime View Matching Events
1	**Do Bell Test**	**Use ↕ to select an option, use 0 - 8 or ✓/Yes to activate outputs**
	0 Test Bell 1 Test Strobe 2 Test Speaker 3 Test User Outputs 4 LCD Display	5 Test DIGI Outputs 6 Test Panel Outputs 7 Test RedCare 8 Test Com300/2400 Channels 1-8 9 Test Com300/.2400 Channels 9-16
2	**Do Walk Test**	**Press ⌂/Area to display zones that have been tested/still need testing, ♪/Chime to make zones Chime every time they are activated**.
3	**View Zone Status**	**Use 0 - 9 to enter zone number or use ↕ to search, ♪/Chime to walk test selected zone, Omit to omit zone temporarily**
4	**System Tests**	**Use 1 - 4 to select an option or use ↕ to search, Yes to accept**
	1 View Sys. Status 2 View Batt Status 3 Test Outputs (see Do Bell Test)	4 View Version No. 5 View Key Strokes
5	**Confirm Devices**	**Use ↕ to select network, Yes to confirm Devices, ⌂/Area to view error count, Reset to reset error count**
6	**Check RKP Status**	**Use 1 - 8 to select keypad, 0 to select network, ⌂/Area to display errors/tamper, ✗/No to test output, ⌂/Area to test sounder,**
7	**Check Exp. Status**	**Use 1 - 8 to select expander, 0 to select network, ⌂/Area to display zones/voltage/outputs/errors, ♪/Chime to test zones, ⌂/Omit to test sounder, 1 - 8 to test outputs**
8	**Set System Time**	**Use 0 - 9 to enter time** (24-hour format) **H H M M, ✓/Yes to accept**
9	**Set System Date**	**Use 0 - 9 to enter date D D M M Y Y, ✓/Yes to accept**
↕	**Location Text**	**Press Yes to view Location Text**
↕	**Print Log**	**Use 1 - 8 to enter number of events to be printed, ✓/Yes to print log**
↕	**Start Soak Test**	**Use 1 - 8 to select an area**, (**0** = all areas, ⌂/Area = areas A – H and I –P), **✓/Yes to accept, ✓/Yes to start test**
↕	**Change Eng.Code**	**Use 0 - 9 to enter a code, ✓/Yes to accept**
↕	**Adjust Volumes**	**Use ↕ to select Panel, Keypad or Expander speakers. Press No to edit, 0 - 8 to enter a value, ✓/Yes to accept**
↕	**Default NVM Data**	**Press 0 - 9 to select an option or ↕ to search, ✓/Yes to default**
	0 Panel Outputs 1 Digi Outputs 2 Com300/2400 Outputs 3 RedCARE Pins 4 Keypad Outputs 5 Expander Outputs 6 Custom Outputs 7 Zone Types 8 Zone Text 9 Expander Options	↕ Keypad Options ↕ User Codes ↕ System Timers ↕ System Options ↕ Area Options ↕ System Text ↕ UDL Options ↕ Digi Options ↕ Reporting Codes ↕ Recipe Data
↕	**View iD Data**	**Use 0 to select loop, ⌂/Area to select normal scan, quick scan or biscuit mapping. Use ↕ to select biscuit, ✗/No to edit, 0 - 9 to enter zone number, ✓/Yes to accept**
↕	**Configure Radio**	**Use 1 - 8 to select a device, ✓/Yes to learn device, ✗/No to map zone, 1 - 8 to enter zone number, ✓/Yes accept**
↕	**Ricochet Diagnostics**	**Use 0 - 9 to select a Zone, ♪/Chime to scroll through Routing, RSSI, Device Messages, Signal Security & Device Status. ⌂/Omit switch between Zone Devices & User *SmartKeys*, ↺/Reset to default the expander and delete all devices. ⌂/Part to enter view expanders & networks, whilst viewing expanders press ✓/Yes to view simplified Signal Security.**
↕	**Signalling Test**	**Use 1 - 8 to toggle areas on or off. ✓/Yes accept areas. Use 1 - 8 to select zones ✗/No to arm the system as an engineer and carry out the test.**
↕	**View Unique ID**	**Allows you to view the Unique ID. This ID code is used by our web based applications and Connect app to identify the system and site.**

Ricochet Learn

(Omit) *	*Ricochet*® Learn
	Will go to the next available wireless zone starting at 9 or Press (↕) to search. Learning always starts from the next available zone, deleting ways starts from the highest zone learnt to the system. Use the (✓)/(Yes) key to start the learn process for the device
	(↺)/(Reset) Enters the Delete Menu (✓)/(Yes) To learn devices

**Where available.*

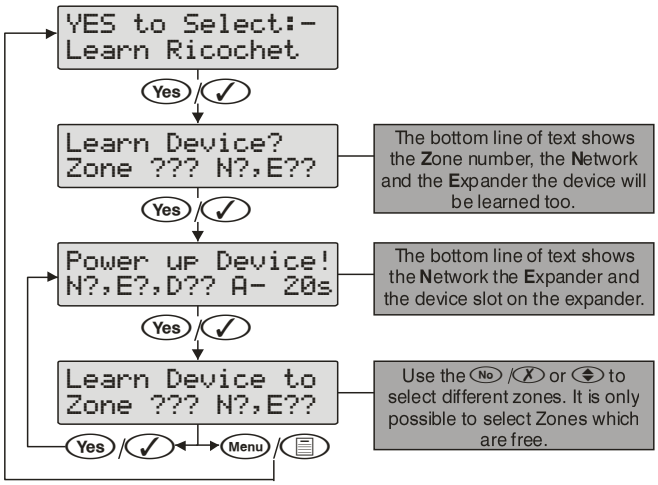
Learning & Deleting Ricochet Devices

Introduction

Learn Devices from first power up

When the "Confirm Devices" menu appears check and make sure all installed Keypads and Expanders are showing; press (✓)/(Yes) and (✓)/(Yes) again to confirm.

Providing the system has a *Ricochet* enabled expander installed, the following will appear. The flow diagram shows the procedure to learn devices:-



Device Type	Learn method
Premier Compact All models	Pull battery tab or Insert battery
Impaq Contact & Plus	Short learn pins and insert battery
Odyssey & OdysseyX-W	Insert batteries and move Battery Jumper to ON position
CO-W, OH-W & PA-W	Pull battery tab or Insert battery
Premier Elite QD/XT & DT	Hold down learn switch & insert battery.
SmartKey	Power on
Micro Contact	Hold down button

Access the Learn Menu using the Omit "Hot" key

From any top level engineering menu pressing the (⌂)/(Omit) key will take you to the *Ricochet* learn menu above.

Menu	(⌂)/(Omit)	Ricochet Learn Menu
YES to Select:- ????????????????	→ (⌂)/(Omit) →	YES to Select:- Learn Ricochet

IMPORTANT

In all cases when entering the Learn menu the next available free Zone will be chosen to learn a device too. It will not be possible to learn a device to a Zone that already has a device learned too it. The number of expander's on the system will dictate which next "free" zone is chosen to learn too.

When all device slots have been used the following screen will be shown

```
All Devices
Learnt!
```

Pressing the (☰)/(Menu) key will return you to the *Ricochet* learn menu; pressing the (↺)/(Reset) key will enter the Delete devices menu.

Commissioning

IMPORTANT

Once all devices are learnt they should be installed in their locations starting closest to the expander and working to furthest away. To start commission mode the receiver should be in Tamper, or in the case of the -W panels place the jumper on "Fit for Commission" position.

Wait for at least 15 minutes and the test all devices.

Auto Zone Type & Area

When learning devices, if no editing has taken place of the control panel onboard hardwired zones, these will be switched to Not Used after the first *Ricochet* device is learned to the system; the following defaults will be used for *Ricochet* devices learned to the system.

Zone	Type	Area
001-008	Not Used	N/A
009	Entry/Exit 1	A
010	Guard Access	A
011 & above	Guard	A

IMPORTANT

If any editing of any of the on board control panel zones is carried out **BEFORE** any *Ricochet* devices are learned too the system, the control panel zones will remain at factory defaults.

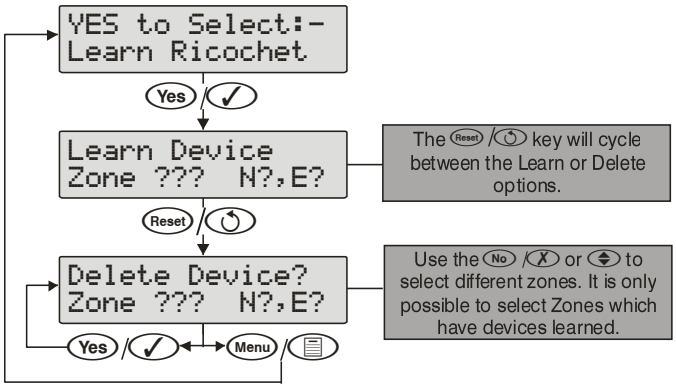
Deleting Devices

Delete Devices

To delete devices from the system, access the *Ricochet* Learn menu. Any of the methods previously detailed may be used.

The (↺)/(Reset) key is used to access the Delete option.

Follow the flow diagram below to delete devices from the system.



If all devices are deleted from the system the following will be shown

Pressing the Menu key will return you to the *Ricochet* learn menu; pressing the Reset key will enter the Learn devices menu.

Summary of Keys used

Key	Function
Omit	Use this key to access the *Ricochet* Learn menu from any top level engineering menu.
Reset	Use this key when in *Ricochet* Learn menu to delete devices, or cycle between learn and delete functions
Menu	Use this key to exit the Learn Menu.

Premier Elite SmartKey™

Introduction

Premier Elite SmartKey™ are learnt and all functionality managed through the "Setup Users" Menu.

In multiple expander systems it is now possible to choose which zones (and therefore expander) the ***Premier Elite SmartKey™*** will use for its routeing, LED and Aux functions can also be changed within the "Setup Users" menu.

Any user on the system can have a ***Premier Elite SmartKey™*** a TAG and a code, or any combination of them.

NOTE *Each wireless expander can support a maximum of 16 **SmartKey™**.*

All other user programmable options can be found in INS176 ***Premier Elite Series Installation Manual***.on the enclosed CD or our website

NOTE *Great care should be taken when using large numbers of **Premier Elite SmartKey™**, only one **Premier Elite SmartKey™** per expander can be used by the system at any one time, and on Multiple expanders systems, or large sites, functionality should be checked in all areas of the site where the device may be used.*

Premier Elite SmartKey™ Routeing

Premier Elite SmartKey™ should only be learned to the system AFTER all devices have been learned and placed in their final location. Whilst it is possible to learn at any point during the programming of the system, learning and testing the functionality of the ***Premier Elite SmartKey™*** after all devices have been placed will ensure that the ***Premier Elite SmartKey™*** performs as expected, and works in locations where the user would expect it too.

Route By

The Route By function allows you to select which Zones (and therefore expander) the ***Premier Elite SmartKey™*** will use on the system for its routeing. This should be selected BEFORE the device has been learned.

In the examples below Fig 1 shows the zones associated with Expander 1, which is a 32XP-W, and Fig 2 shows Expander 2 which is also a 32XP-W, when using 8XP-W there will obviously be less devices that the ***Premier Elite SmartKey™*** can use.

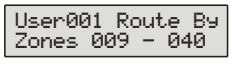


Fig 1

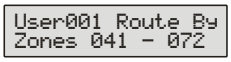


Fig 2The Area key is used to select this menu and the key used to select which expander and associated zones will be used

Once a ***Premier Elite SmartKey™*** has been learned the Area key will show which zones are being used for routeing. It is not possible to alter this once learned. To change the routeing the ***Premier Elite SmartKey™*** should be deleted and the process started from the beginning.

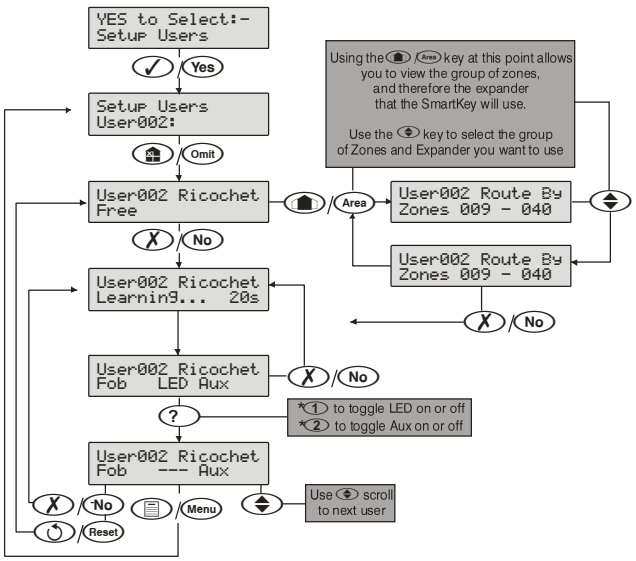
LED & Aux Functions

Please refer to INS467 Premier 8XP-W/32-W Installation Manual for details of the LED & Aux functions.

Deleting a Premier Elite SmartKey™

Deleting the ***Premier Elite SmartKey™*** from the user is a similar process to learning, at the appropriate point in the menu press No followed by Reset, the ***Premier Elite SmartKey™*** will be removed from the User. To delete all user data see INS176.

Learning *Premier Elite SmartKey™*

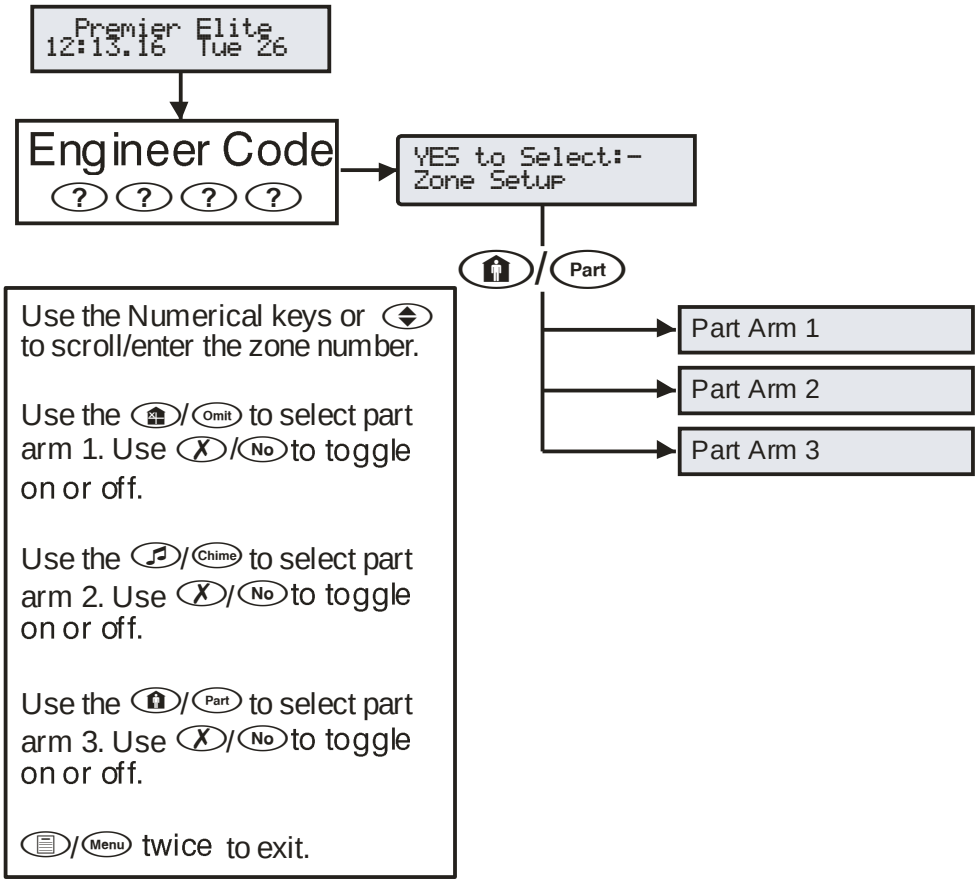


* Please refer to INS467"Premier Elite SmartKey" for further details on the LED & Aux functions.

NOTE *Once the 16 slots on a XP-W are taken up, the learn process will fail and display 'No spaces left'.*

NOTE *In either of the **Premier Elite SmartKey™** menu displays, any **Premier Elite SmartKey™** that logs onto the system will cause the menu to change to that **Premier Elite SmartKey™** - a handy way of finding out which user a **Premier Elite SmartKey™** in your hand belongs to!*

Alter Part Arms



/Part	Alter Part Arms
	Press 0 - 9 to enter zone number or use to search, /Omit, /Chime or /Part to select Part Arms 1, 2 or 3
	/Omit Part Arm 1 /Chime Part Arm 2 /Part Part Arm 3

Notes:

Texecom

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