

TRX Keypad (Wireless Transceiver Keypad)

Current system events (Trouble symbol on Solid during Current system events)

AC	Mains fail/ 12V fuse or Output Failure (<u>AC</u> Power Fail)
BATT	Battery Low (<u>BATT</u> ery Low)
CF	Dialler Kiss-Off Failure (<u>C</u> all <u>F</u> ailure)
KPSA	Keypad Missing (<u>K</u> ey <u>P</u> ad <u>S</u> abotage <u>A</u> larm)
LINE	Line Fail (Telephone <u>L</u> INE Fault)
OPFS	Mains fail/ 12V fuse or Output Failure (<u>O</u> ut <u>P</u> ut or <u>Fu</u> <u>S</u> e Failure)
PBAT	Pendant Battery Low (<u>P</u> endant <u>B</u> AT <u>T</u> ery Low)
ZBAT	RF battery Low (Radio <u>Z</u> one <u>B</u> AT <u>T</u> ery Low)
DELQ	Delinquency Alarm (Area <u>DEL</u> in <u>Q</u> uency Alarm)
ZSUP	Supervised Detector Failure (Radio <u>Z</u> one <u>SUP</u> ervise Signal Failure)
ZSW	SensorWatch Alarm (<u>Z</u> one <u>S</u> ensor <u>W</u> atch Alarm)
OPFL	<u>O</u> UT <u>P</u> UTX4 <u>F</u> ai <u>L</u> , unit has not acknowledged a keypad bus message
KPBL	<u>K</u> ey <u>P</u> ad <u>B</u> attery <u>L</u> ow, the wireless keypad internal batteries are low.
NOLK	<u>NO</u> RF <u>L</u> in <u>K</u> , the wireless keypad is not communicating with the TRX.

Displays when in program modes

LPGM	Local Edit Program Mode
CPGM	Client Program Mode
IPGM	Installer Program Mode

When entering program mode the display will show one of the above abbreviations. As soon as the program button is pressed the display will change. After 20 seconds of no button presses the display will return to one of the above to show which program mode is currently selected.

Local Edit Program Mode

To access Local Edit Mode press "PROG" then "Bypass" then "Enter".

P900E	1E- On equals 12 hour clock, Off equals 24 hour clock
	2E- On equals alternate between Clock and Temp, Off equals no Temp display
	3E- On equals display temperature, Off equals no temperature display. When On the ENTER button is used to change the display between clock and temperature.
	4E- On equals KP Tamper switch active, Off equals Ignore keypad tamper switch (MUST be OFF)
	5E- On equals KP LED's and Backlighting turn off after 90 seconds of no activity in armed or disarmed state (any zone activity during disarmed state or keypad button press will automatically turn LED's and B/L on for 90 seconds), Off equals LED's and B/L stay on all the time.
	6E- On equals turn off LCD display when the keypad goes to sleep. Off equals LCD stays on even in sleep mode.

7E – On equals the back lighting and LED's are always turned off when disarmed. If the keypad receives a zone unsealed signal it will display the zone change on the LCD but leave the back lighting and other LED's off. If it receives a trouble or system alarm it will turn the LED's and back lighting on for the normal 5 seconds then turn everything off again. This will allow zone information to be displayed on the LCD display but keep the backlighting from turning on in high movement areas. As system and trouble alarms should not be happening on a regular basis they will not use up battery capacity. If the keypad is armed or in stay mode this function will be disabled so that any zone unsealed will be displayed as well as the backlighting turning on instantly. At any time when disarmed and this option is turned on the LED's and back lighting can be turned on for the normal 5 seconds by pressing the ENTER button. If this option is off the keypad will work as it does now (eg turn on the backlighting for 5 seconds on any zone change of state).

P901E Software version number

P902E Keypad address (1-8)

P903E Calibrate Temperature sensor (use Up or Down Arrows only then press enter to save)

P904E **Display shows "B/L"** Adjust LCD and keypad Backlighting. **↵** Increases Backlight, **↶** Decreases Backlight.

P905E **Display shows "CTRS"** Adjust LCD Contrast. **↵** Increases Contrast, **↶** Decreases Contrast.

P906E **Display shows "BUZ"** Adjust Keypad Buzzer Tone. **↵** Increases Buzzer Frequency, **↶** Decreases Buzzer Frequency.

P907E **Display shows battery voltage.** The voltage of the internal batteries is displayed at this address.

P908E **Display shows TRX Frequency & Site code details.** When the keypad is learnt to a TRX the RF channel and site code to be used is sent to KP and displayed here. If a number from 1-8 is shown that indicates that DIP switch number is turned ON at the TRX (eg if the display showed 1,5 7,8 that means switches 1,5,7,8 are turned ON at the TRX).

P909E **Adjust RF output Power.** The RF output power can be adjusted from 0dB (Max Power) to -15dB (Min Power) by using the **↶** or **↵** buttons.

P910E **Send RF signal to the panel.** After entering in P910E the display will show "SUP" meaning a Freewave PIR signal has been sent to the panel so the KP can be learnt as a radio zone. The ELITE S radio zone type should be set to either a type 3 or 4. This will allow battery low and supervise failure to be monitored by the panel so it can be reported by the dialler. It requires another keypad to be connected so the other keypad can be in program mode to start the learn mode process. There is an alternative method of learning the KP to the panel which is described below in "Operating in program Mode".

P911E **Learn KP to a TRX.** When P911E is entered the keypad will look for a TRX that is sending learn information. The TRX must be in learn mode (pressing the learn switch on the TRX for 2 sec) so that the keypad can find the signal from the TRX that is in learn mode. Before doing this the keypad address should be set at P902E, especially if there is more than one keypad, to ensure each keypad is properly learnt to the TRX.

- P912E** **Keypad to TRX RSSI.** When P912E is entered at a wireless keypad the keypad will display the RSSI level between it and the TRX. The reading is updated every 1 second.
- P920E** Default keypad Local Edit options. Must enter twice eg P920E920E.

Note: Because changing the keypad address number will cause the panel to reset all devices on the buss the keypad will drop out of Local Edit mode automatically when the enter button is pressed after changing the keypad address at P902E. Also you cannot enter Local Edit Mode if any area is armed or in stay mode.

Operation in Program Mode

If you want to learn a KP to the panel as a wireless zone but you only have the one keypad on the system and it happens to be a wireless KP you can go into Installer program mode at the wireless KP then enter P164E Zone # (eg12) E. The panel/KP will go into wireless zone learn mode. While the panel is in learn mode press the “ARM” button at the wireless KP. This will cause a FW PIR signal to be sent to the panel by the KP. You can do the same thing while in find mode, eg P166E, when in find mode if you press the “ARM” button on the wireless KP it will send the same FW PIR signal to the panel and if it exists in memory at the panel the zone number will be displayed at the keypad.

If you want to see the RSSI level that the panel sees from the keypad learnt as a zone you can go into Installer Program Mode from the keypad, press P200E14E then while in RSSI display mode press the “ARM” button to force a FW PIR signal to be sent from the keypad to the panel which in turn will give an RSSI reading back at the keypad.

When in program mode and looking at any location that has multiple sub addresses, eg P1E for codes with 1-100 for the sub addresses, the left and right arrows can be used to quickly navigate through the sub addresses to check selective locations without having to enter in the full program address every time.

For Example;

If you enter P1E1E the display will show U001 (for User 1 slot).

If you now press the left or right arrow within 1 second the display will sequentially move through the user code locations. While you continue to press the left or right arrows within a 1 second time frame the display will keep sequencing through the addresses. When the display shows a user location that you would like to view, the code programmed at that slot will be displayed when the two arrow buttons are not used for longer than 1 second.

Other locations where the data is displayed using the zone Icons, eg P4E, the data is updated immediately as the left or right arrows are pressed.

Disabling Day Zone Chime

On the AAP wireless keypad press and hold CONTROL then press PROG (maintains compatibility with existing LED keypads) or,

Press PROG followed by CONTROL. This is a sequential button press without the need to hold down one button first followed by another.

When chime is enabled the display will show "**CHIM**" for chime mode on then after 2 seconds the display will revert back to showing the time.

When chime is disabled the display will show "**NOCH**" for no chime mode, eg Off. This display will alternate with the time display until Chime mode is turned back on.