

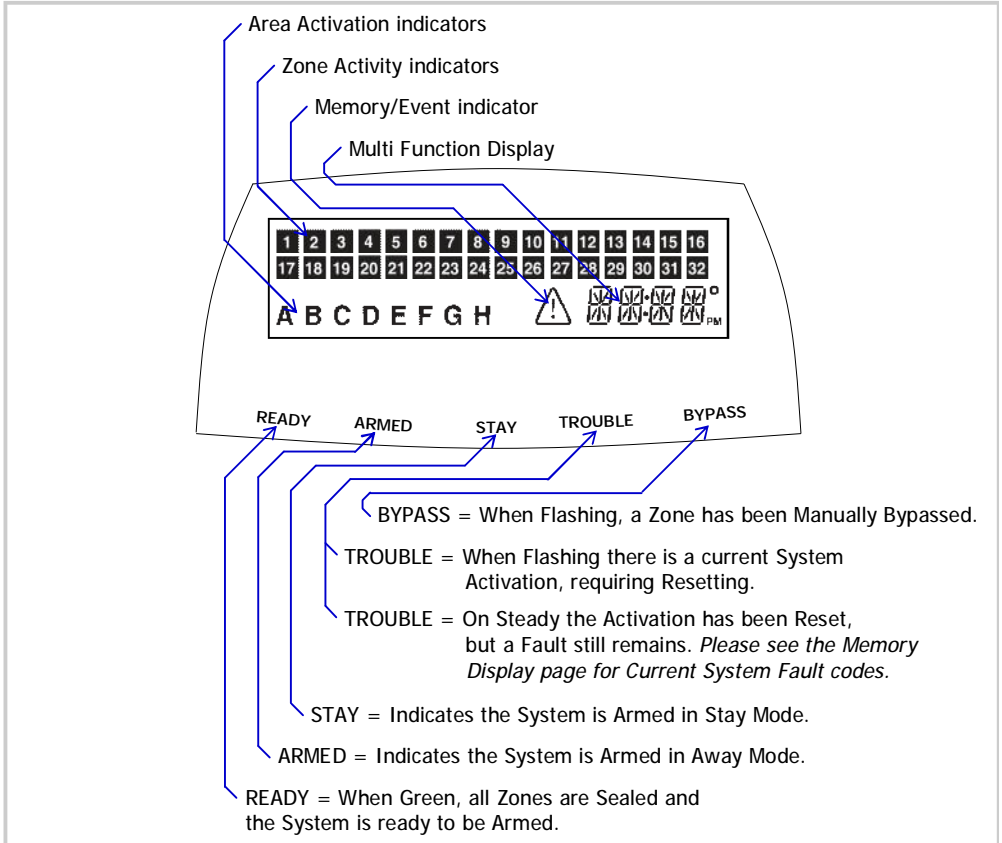
# KP ICON OEM LCD USER GUIDE



Proudly Designed and Manufactured in New Zealand

By Arrowhead Alarm Products Ltd  
Version 2 Blue Backlit

# INDICATORS




# BUTTONS

- ARM** = ARM will put the system into Away/Normal Armed State.
- STAY** = STAY will put the system into Home/Stay Armed State.
- MEM** = MEMORY allows you to view current and past events, *see page 4 for more info.*
- BYPASS** = BYPASS followed by a zone number (i.e. 01, 12 ect.) then enter will disable that zone.
- A** = A will put Area A into Away/Normal Armed State.
- B** = B will put Area B into Away/Normal Armed State.
- CHIME** = CHIME will turn ON and OFF Chime Mode
- CONTROL** = CONTROL is an extra function button, that can be used to control outputs.
- PROG** = PROGRAM is used to get into client and installer modes, to change programming.
- A** + **B** = A + B together will cause an immediate Fire alarm.
- B** + **CHIME** = B + CHIME together will cause an immediate Medical alarm.
- CHIME** + **CONTROL** = CHIME + CONTROL together will cause an immediate Panic alarm.

# LOCAL EDIT PROGRAM MODE


Local Edit Mode gives you the ability to adjust some individual keypad functionality. Including: 12/24 hour time, Temperature display, KP Tamper, KP software version, KP Address, Calibrate Temperature, Backlight Brightness, Display Contrast and Beeper Tone.

To Enter Local Edit Mode, please press **PROG** then **BYPASS** then **ENTER**

The display will then read 

To Exit Local Edit Mode, please press **PROG** then **ENTER**

Once in Local Edit Mode use the programming addresses below to make changes if required.



P = **PROG**    E = **ENTER**    To Increase press **MEM**    To Decrease press 

- P 900 E** 1 ON = 12-hour clock, 1 OFF = 24-hour clock  
2 ON = Clock and Temperature displayed alternatively, 2 OFF = Clock Only  
3 ON = Display Temperature when ENTER button is pressed, 3 OFF = Feature disabled  
4 ON = Enable Keypad Tamper (*Not available on this Keypad*)  
5 ON = All Lights will turn off after 90seconds of inactivity.  
6 ON = Input is Keypad Zone, 3 OFF = Input is Listen-in feature

**P 901 E** Keypad Software Version, the KP current software version will be displayed.

**P 902 E** Keypad Address (1-8) keypads on the same system must each have a different address

**P 903 E** Calibrate Temperature Sensor, the current temperature will be displayed.  
(Warning don't adjust this location unless you have a calibrated temperature source available)

**P 904 E** Backlight Brightness, display will read  to adjust press **MEM** or 

**P 905 E** LCD Contrast, display will read  to adjust press **MEM** or 

**P 906 E** Buzzer Tone, display will read  to adjust press **MEM** or 

**P 907 E** Prox Reader Keypad Address (1-8) must be different from standard Keypad address.  
Prox Reader Feature only available on KP-ICON-OEM P version.

**P 920 E** Default all Keypad Local Edit Programming Options will be returned to factory default.

Note, after adjusting any programming options, **ENTER** must be pressed to save changes.

*\*You can not access Local Edit Mode if the system is Armed or Stay Armed*

## NEW FEATURES

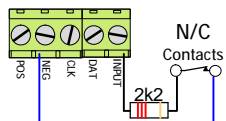
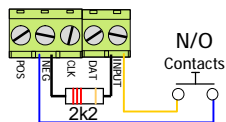
By turning On option 6 at address P900E in local edit mode, the terminal labelled Input can be programmed to act as a zone on the Elite S.

The zone number relates to the Prox Reader Keypad Address, i.e. if Prox Address is 8, the zone can be 8 or 16 (this address can be changed in local edit mode, at P 907 E).

You will need to tell the panel to look for the keypad zone by turning On option 4 under P 122 E (zone number 1-16) E.

By default the Input terminal is setup for the Listen-in feature.

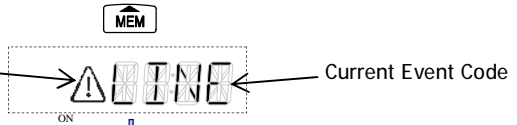
Feature available on both KP-ICON-OEM & KP-ICON-OEM P version 2 only.



# MEMORY DISPLAY

Pressing the Memory button once will bring up any Current System Faults/Alarms

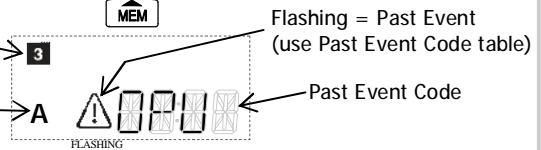
On Steady = Current Event  
(use Current Event Code table)



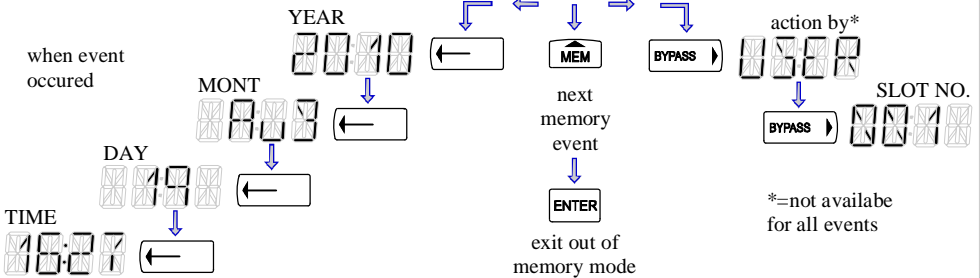
Continuing to press the Memory button will cycle through the Past Events from newest to oldest

A Zone light may appear, indicating what Zone the Memory Event relates to.

A letter indicates what Area the Memory Event relates to.



when event occurred



# CURRENT EVENT CODES

NONE	= No Current System Faults
AC	= Mains fail ( <b>AC</b> Power Fail)
BATT	= Battery Low ( <b>BATT</b> ery Low)
CALL	= Dialler Kiss-Off Failure ( <b>Call</b> Failure)
KEYPAD	= Keypad Missing ( <b>Key</b> Pad <b>S</b> abotage <b>A</b> larm)
LINE	= Line Fail (Telephone <b>LINE</b> Fault)
OUTPUT	= 12V fuse or Output Failure ( <b>Out</b> Put or <b>Fu</b> se Failure)
PBATT	= Pendant Battery Low ( <b>P</b> endant <b>BATT</b> ery Low)
RBATT	= RF battery Low (Radio <b>Z</b> one <b>BATT</b> ery Low)
DELINQ	= Delinquency Alarm (Area <b>DEL</b> in <b>Q</b> uency Alarm)
SUP	= Supervised Detector Failure (Radio <b>Z</b> one <b>SUP</b> ervise Signal Failure)
SENSORWATCH	= SensorWatch Alarm ( <b>Z</b> one <b>S</b> ensor <b>W</b> atch Alarm)

## PASU EVENT CODES

	= 12V Fuse Failure Alarm ( <b>12V</b> Fuse Failure <b>A</b> larm)
	= 12V Fuse Failure Restore ( <b>12V</b> Fuse Failure <b>R</b> estore)
	= 24 Hour Zone Bypass Reinstated ( <b>24</b> Hour Zone <b>B</b> ypass <b>R</b> e-Instated)
	= 24 Hour Zone Bypass ( <b>24</b> Hour Zone <b>B</b> ypass)
	= 24 Hour Zone Alarm ( <b>24</b> Hour Zone <b>A</b> larm)
	= 24 Hour Zone Alarm Restore ( <b>24</b> Hour Zone Alarm <b>R</b> estore)
	= AC Power Fail Alarm ( <b>AC</b> Power Fail <b>A</b> larm)
	= AC Power Fail Restore ( <b>AC</b> Power Fail <b>R</b> estore)
	= AC Fail Reported via Dialler ( <b>AC</b> Fail <b>R</b> eported <b>A</b> larm)
	= AC Fail Restore Reported via Dialler ( <b>AC</b> Fail <b>R</b> estore <b>R</b> eported)
	= Automatic Test Message sent ( <b>A</b> utomatic <b>T</b> e <b>S</b> T Message sent)
	= Auto Arm Fail (Away <b>A</b> uto- <b>A</b> rm <b>F</b> ail)
	= Auto Arm Fail Restore (Away <b>A</b> uto- <b>A</b> rm Fail <b>R</b> estore)
	= Area Armed by ARM button ( <b>A</b> Way by <b>A</b> RM Button)
	= Area Armed by Keyswitch ( <b>A</b> Way by <b>K</b> ey <b>S</b> witch)
	= Area Armed by Upload/Download ( <b>A</b> Way By <b>P</b> Hone)
	= Area Armed by DTMF ( <b>A</b> Way Armed by <b>P</b> Hone)
	= Area Armed by Pendant ( <b>A</b> Way by Pendant- <b>T</b> X)
	= Area Armed by Time Zone ( <b>A</b> Way by <b>T</b> ime <b>Z</b> one)
	= Area Armed by User ( <b>A</b> Way by <b>U</b> ser)
	= Panel Low Battery (Panel Low <b>B</b> A <b>T</b> tery <b>A</b> larm)
	= Panel Low Battery Restore (Panel Low <b>B</b> A <b>T</b> tery <b>R</b> estore)
	= Clock Changed by PC ( <b>C</b> lock <b>C</b> hanged by <b>P</b> C)
	= Clock Changed at panel ( <b>C</b> lock <b>C</b> hanged at <b>P</b> a <b>N</b> el)
	= Callback Initiated ( <b>C</b> a <b>l</b> <b>L</b> <b>B</b> a <b>c</b> <b>K</b> Initiated)
	= CRC Error ( <b>C</b> R <b>C</b> <b>E</b> rro <b>r</b> )
	= Panel Defaulted (Panel <b>D</b> E <b>F</b> a <b>u</b> <b>L</b> ted)
	= Area Delinquency Alarm (Area <b>D</b> E <b>L</b> i <b>q</b> u <b>e</b> n <b>c</b> y <b>A</b> larm)
	= Area Delinquency Alarm Restore (Area <b>D</b> E <b>L</b> i <b>q</b> u <b>e</b> n <b>c</b> y Alarm <b>R</b> estore)
	= DTU Data sent to Panel ( <b>D</b> T <b>U</b> to <b>P</b> a <b>n</b> el Transfer)
	= Excessive Code Attempts Alarm ( <b>E</b> xcessive <b>C</b> o <b>D</b> e Attempts <b>A</b> larm)

# PAST EVENT CODES CONTINUED

	= Excessive Code Attempts Restore ( <b>E</b> xcessive <b>C</b> o <b>D</b> e Attempts <b>R</b> estore)
	= Event Buffer Cleared at Keypad ( <b>E</b> Vent Buffer Cleared at <b>K</b> ey <b>P</b> ad)
	= Event Buffer Cleared from PC ( <b>E</b> Vent Buffer Cleared from <b>P</b> C)
	= Duress Alarm at Keypad ( <b>K</b> ey <b>P</b> ad <b>D</b> uress <b>A</b> larm)
	= Duress Alarm at Keypad Restore ( <b>K</b> ey <b>P</b> ad <b>D</b> uress Alarm <b>R</b> estore)
	= Fire Alarm at Keypad ( <b>K</b> ey <b>P</b> ad <b>F</b> ire <b>A</b> larm)
	= Fire Alarm at Keypad Restore ( <b>K</b> ey <b>P</b> ad <b>F</b> ire Alarm <b>R</b> estore)
	= Medical Alarm at Keypad ( <b>K</b> ey <b>P</b> ad <b>M</b> edical <b>A</b> larm)
	= Medical Alarm at Keypad Restore ( <b>K</b> ey <b>P</b> ad <b>M</b> edical Alarm <b>R</b> estore)
	= Panic Alarm at Keypad ( <b>K</b> ey <b>P</b> ad <b>P</b> anic <b>A</b> larm)
	= Panic Alarm at Keypad Restore ( <b>K</b> ey <b>P</b> ad <b>P</b> anic Alarm <b>R</b> estore)
	= Keypad Missing ( <b>K</b> ey <b>P</b> ad <b>S</b> abotage <b>A</b> larm)
	= Keypad Re-Instated ( <b>K</b> ey <b>P</b> ad <b>S</b> abotage <b>R</b> estore)
	= Keypad Tamper Alarm ( <b>K</b> ey <b>P</b> ad <b>T</b> amper <b>A</b> larm)
	= Keypad Tamper Alarm Restore ( <b>K</b> ey <b>P</b> ad <b>T</b> amper Alarm <b>R</b> estore)
	= Manual Test Message sent ( <b>M</b> anual <b>T</b> e <b>S</b> T Message sent)
	= Area Open by ARM Button ( <b>O</b> Pen by <b>A</b> RM Button)
	= Area Open <i>Normal or Stay</i> by Keyswitch ( <b>O</b> Pen by <b>K</b> ey <b>S</b> witch)
	= Output Turned Off by KP/Control/PC or DTMF ( <b>O</b> ut <b>P</b> ut Turned <b>O</b> FF)
	= Output Turned On by KP/Control/PC or DTMF ( <b>O</b> ut <b>P</b> ut Turned <b>O</b> N)
	= Area Open <i>Normal or Stay</i> by PC or DTMF ( <b>O</b> Pen by <b>P</b> Hone)
	= Area Open Stay by STAY Button ( <b>O</b> Pen Stay by <b>S</b> TAY Button)
	= Output Tamper Alarm ( <b>O</b> ut <b>P</b> ut <b>T</b> amper <b>A</b> larm)
	= Output Tamper Alarm Restore ( <b>O</b> ut <b>P</b> ut <b>T</b> amper Alarm <b>R</b> estore)
	= Area Open <i>Normal or Stay</i> by Pendant ( <b>O</b> Pen by Pendant- <b>T</b> X)
	= Area Open by Time Zone ( <b>O</b> Pen by <b>T</b> ime <b>Z</b> one)
	= Area Open <i>Normal or Stay</i> by User ( <b>O</b> Pen by <b>U</b> ser)
	= PC to Panel Comms Ended ( <b>P</b> C to Panel Comms <b>O</b> FF)
	= PC to Panel Comms Started ( <b>P</b> C to Panel Comms <b>O</b> N)
	= Panel Data sent to DTU ( <b>P</b> anel to <b>D</b> TU Transfer)
	= Telephone Line Failure (Tele <b>P</b> Hone <b>L</b> ine failure <b>A</b> larm)

# PAST EVENT CODES continued

	= Telephone Line Failure Restore (Tele <u>P</u> H <u>L</u> e Line Failure <u>R</u> estore)
	= Dialler Call Un-answered ( <u>P</u> Hone Call <u>N</u> ot <u>A</u> nswered)
	= No Kiss-Off to Dialler Event ( <u>P</u> Hone Call <u>N</u> ot <u>K</u> issed-Off )
	= Exit Program Mode ( <u>P</u> Ro <u>G</u> ram Mode <u>E</u> xit)
	= Enter Program Mode ( <u>P</u> Ro <u>G</u> ram <u>M</u> ode Entry)
	= Receiver Fail ( <u>R</u> e <u>C</u> e <u>i</u> <u>V</u> er <u>F</u> ail)
	= Receiver Fail Restore ( <u>R</u> e <u>C</u> e <u>i</u> <u>V</u> er Fail <u>R</u> estore)
	= RF Zone Battery Low ( <u>R</u> F Zone <u>B</u> attery Low <u>A</u> larm)
	= RF Zone Battery Restore ( <u>R</u> F Zone <u>B</u> attery <u>R</u> estore)
	= RF Interference Alarm ( <u>R</u> F <u>I</u> nterference <u>A</u> larm)
	= RF Interference Alarm Restore ( <u>R</u> F <u>I</u> nterference Alarm <u>R</u> estore)
	= RF Zone Supervise Fail Alarm ( <u>R</u> F Zone <u>S</u> upervise Fail <u>A</u> larm)
	= RF Zone Supervise Fail Restore ( <u>R</u> F Zone <u>S</u> upervise Fail <u>R</u> estore)
	= RF Zone Tamper Alarm ( <u>R</u> F Zone <u>T</u> amper <u>A</u> larm)
	= RF Zone Tamper Restore ( <u>R</u> F Zone <u>T</u> amper <u>R</u> estore)
	= Radio Zone Deleted (Radio- <u>R</u> F <u>Z</u> one <u>D</u> eleted)
	= Learning Radio Zone (Radio- <u>R</u> F <u>Z</u> one <u>L</u> earning)
	= Spare Off 2
	= Area Armed Spare 1
	= Area Armed Spare 2
	= Area Open Spare 2
	= Area Stay Armed by Keyswitch ( <u>S</u> Tay by <u>K</u> ey <u>S</u> witch)
	= Soak Test Off ( <u>S</u> oak <u>T</u> est <u>O</u> ff)
	= Soak Test On ( <u>S</u> oak <u>T</u> est <u>O</u> N)
	= Area Stay Armed by Upload/Download ( <u>S</u> Tay Armed by <u>P</u> C)
	= Area Stay Armed by STAY button ( <u>S</u> Tay Armed by <u>S</u> TAY Button)
	= Area Stay Armed by Pendant ( <u>S</u> Tay by Pendant- <u>T</u> X)
	= Area Stay Armed by User ( <u>S</u> Tay by <u>U</u> ser)
	= System Tamper Alarm (System <u>T</u> a <u>M</u> P <u>e</u> r <u>A</u> larm)
	= System Tamper Alarm Restore (System <u>T</u> a <u>M</u> P <u>e</u> r Alarm <u>R</u> estore)
	= Pendant-TX Battery Low (Pendant- <u>T</u> X <u>B</u> attery Low <u>A</u> larm)

## PAST EVENT CODES CONTINUED

	=	Pendant-TX Battery Low Restore (Pendant- <u>T</u> X <u>B</u> attery Low <u>R</u> estore)
	=	Pendant-TX Panic Alarm (Pendant- <u>T</u> X <u>P</u> anic <u>A</u> larm)
	=	Pendant Deleted ( <u>T</u> X- <u>P</u> endant <u>D</u> eleted)
	=	Learning Pendant ( <u>T</u> X- <u>P</u> endant <u>L</u> earning)
	=	Pendant-TX Panic Alarm Restore (Pendant- <u>T</u> X <u>P</u> anic Alarm <u>R</u> estore)
	=	User has Change Their Code ( <u>U</u> ser <u>C</u> ode <u>C</u> Hange)
	=	Walk Test Off ( <u>W</u> alk <u>T</u> est <u>O</u> ff)
	=	Walk Test On ( <u>W</u> alk <u>T</u> est <u>O</u> N)
	=	Zone Arm Alarm ( <u>Z</u> one <u>A</u> rm <u>A</u> larm)
	=	Zone Arm Alarm Restore ( <u>Z</u> o <u>N</u> e Arm <u>A</u> larm <u>R</u> estore)
	=	Zone Bypass Re-Instated ( <u>Z</u> o <u>N</u> e <u>B</u> ypass <u>R</u> e-Instated)
	=	Zone Bypass ( <u>Z</u> o <u>N</u> e <u>B</u> Ypass)
	=	Zone Near Alarm ( <u>Z</u> o <u>N</u> e <u>N</u> ear <u>A</u> larm)
	=	Zone Near Alarm Restore ( <u>Z</u> o <u>N</u> e <u>N</u> ear Alarm <u>R</u> estore)
	=	Zone Stay Alarm ( <u>Z</u> o <u>N</u> e <u>S</u> tay <u>A</u> larm)
	=	Zone Stay Alarm Restore ( <u>Z</u> o <u>N</u> e <u>S</u> tay Alarm <u>R</u> estore)
	=	Zone Tamper Alarm ( <u>Z</u> o <u>N</u> e <u>T</u> amper <u>A</u> larm)
	=	Zone Tamper Alarm Restore ( <u>Z</u> o <u>N</u> e <u>T</u> amper Alarm <u>R</u> estore)
	=	Zone Verified Alarm ( <u>Z</u> o <u>N</u> e <u>V</u> erified <u>A</u> larm)
	=	Zone Verified Alarm Restore ( <u>Z</u> o <u>N</u> e <u>V</u> erified Alarm <u>R</u> estore)
	=	Zone Sensorwatch Alarm ( <u>Z</u> one <u>S</u> ensor <u>W</u> atch <u>A</u> larm)
	=	Zone Sensorwatch Alarm Restore ( <u>Z</u> one <u>S</u> ensor <u>W</u> atch Alarm <u>R</u> estore)

## DISABLING DAY ZONE CHIME

To Disable Chime press and hold = The display will then read

To Enable Chime press and hold = The display will then read



ARROWHEAD ALARM PRODUCTS Ltd.  
 344B ROSEDALE Rd  
 ALBANY  
 AUCKLAND  
 Phone: 09 414 0085  
 Fax: 09 414 0088  
[www.aap.co.nz](http://www.aap.co.nz)



V2.0