KP ICON LCD USER GUIDE

"BUY N.Z. MADE"

Proudly Designed and Manufactured in New Zealand

By Arrowhead Alarm Products Ltd

INDICATORS

ARMED = Indicates the System is Armed in Away Mode.

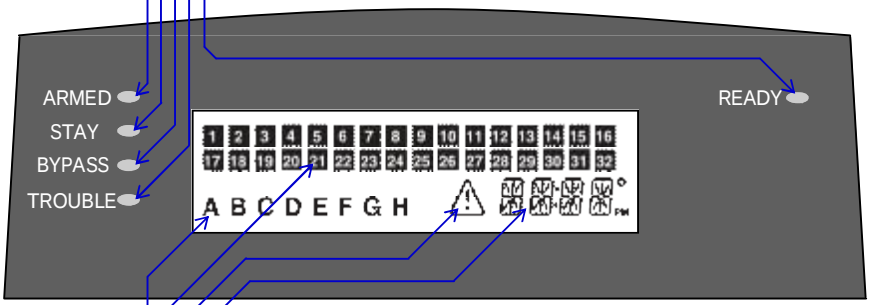
STAY = Indicates the System is Armed in Stay Mode.

BYPASS = When Flashing, a Zone has been Manually Bypassed.

TROUBLE = When Flashing there is a current System Activation, requiring Resetting.

TROUBLE = On Steady the Activation has been Reset, but a Fault still remains. *Please see the Memory Display page for Current System Fault codes.*

READY = When Green, all Zones are Sealed and the System is ready to be Armed.



Multi Function Display

Memory/Event indicator

Zone Activity indicators

Area Activation indicators

BUTTONS

ARM = ARM will put the system into Away/Normal Armed State.

STAY = STAY will put the system into Home/Stay Armed State.

BYPASS = BYPASS followed by a zone number (i.e. 01, 12 ect.) then enter will disable that zone.

CONTROL = CONTROL is an extra function button, that can be used to control outputs.

PANIC = PANIC will put the system into an immediate alarm activating the sirens.

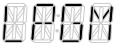
MEMORY = MEMORY allows you to view current and past events, *see page 4 for more info.*

PROG = PROGRAM is used to get into client and installer modes, to change programming.

PROG Then CONTROL = Will turn ON and OFF Chime Mode (go to page 8 for more info)

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 MEMORY↑ To Decrease press STAY↓

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.

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* MEMORY↑ *or* STAY↓

P 905 E **LCD Contrast**, *display will read* *to adjust press* MEMORY↑ *or* STAY↓

P 906 E **Buzzer Tone**, *display will read* *to adjust press* MEMORY↑ *or* STAY↓

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*

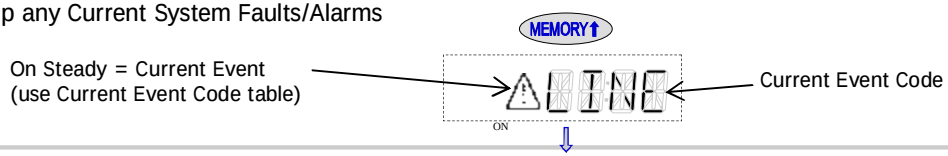
NEW FEATURES

Lights Out Mode: This great little feature is perfect if you find the keypad backlight is too bright, when installed in a bedroom. If option **5** is turned On under **Local Edit Mode** address **P 900 E**, the backlight behind the display and the buttons will turn off, after 90 seconds of no zone activity. If a zone is then triggered the backlight will come back on for 90 seconds. The backlight will also come back on if a button is pressed.

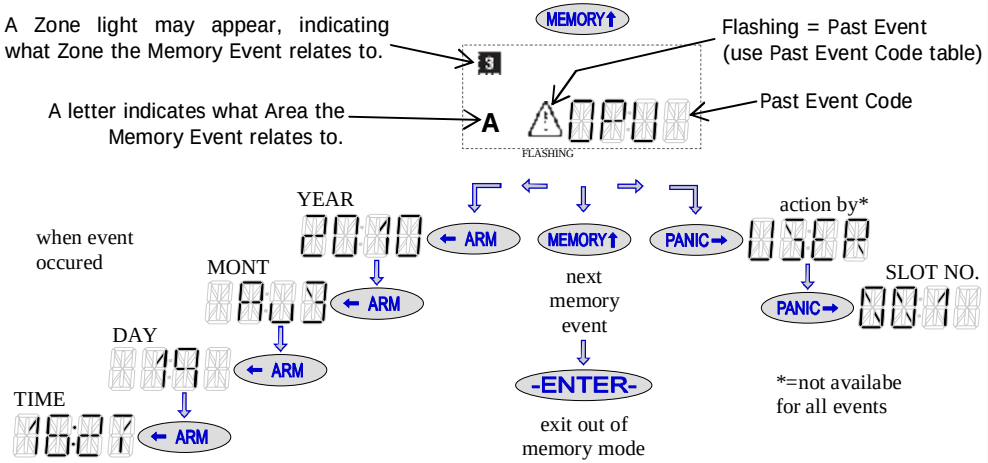
Easier Programming: We've added a simple step through ability to commonly used programming addresses. For example enrolling Radio Pendants, start like normal in program mode then P 18 E 21 E once the first slot is loaded, pressing PANIC→ will step you to the next slot for loading and so on. This feature works on most addresses, such as user codes, user permissions, phone numbers & more

MEMORY DISPLAY

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



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



CURRENT EVENT CODES

NONE = No Current System Faults
AC = Mains fail (**AC** Power Fail)
BATT = Battery Low (**BATT**ery Low)
CF = Dialler Kiss-Off Failure (**C**all **F**ailure)
KPSA = Keypad Missing (**K**ey**P**ad **S**abotage **A**larm)
LINE = Line Fail (Telephone **LINE** Fault)
OPPS = 12V fuse or Output Failure (**O**ut**P**ut or **F**u**S**e Failure)
PBAT = Pendant Battery Low (**P**endant **BAT**tery Low)
ZBAT = RF battery Low (Radio **Z**one **BAT**tery Low)
DELQ = Delinquency Alarm (Area **DEL**in**Q**uency Alarm)
ZSUP = Supervised Detector Failure (Radio **Z**one **SUP**ervise Signal Failure)
ZSW = SensorWatch Alarm (**Z**one **S**ensor**W**atch Alarm)

PAST EVENT CODES

 = 12V Fuse Failure Alarm (**12V** Fuse Failure **A**larm)

 = 12V Fuse Failure Restore (**12V** Fuse Failure **R**estore)

 = 24 Hour Zone Bypass Reinstated (**24** Hour Zone **B**ypass **R**e-Instated)

 = 24 Hour Zone Bypass (**24** Hour Zone **BY**pass)

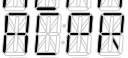
 = 24Hour Zone Alarm (**24** **H**our Zone **A**larm)

 = 24 Hour Zone Alarm Restore (**24** **H**our Zone Alarm **R**estore)

 = AC Power Fail Alarm (**AC** **P**ower Fail **A**larm)

 = AC Power Fail Restore (**AC** **P**ower Fail **R**estore)

 = AC Fail Reported via Dialler (**AC** Fail **R**eported **A**larm)

 = AC Fail Restore Reported via Dialler (**AC** Fail **R**estore **R**eported)

 = Automatic Test Message sent (**A**utomatic **T**e**ST** Message sent)

 = Auto Arm Fail (Away **AU**to-**A**rm **F**ail)

 = Auto Arm Fail Restore (Away **AU**to-**A**rm Fail **R**estore

 = Area Armed by ARM button (**AW**ay by **AR**M Button)

 = Area Armed by Keyswitch (**AW**ay by **K**ey**S**witch)

 = Area Armed by Upload/Download (**AW**ay By **PH**one)

 = Area Armed by DTMF (**AW**ay Armed by **PH**one)

 = Area Armed by Pendant (**AW**ay by Pendant-**TX**)

 = Area Armed by Time Zone (**AW**ay by **T**ime **Z**one)

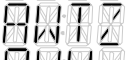
 = Area Armed by User (**AW**ay by **U**ser)

 = Panel Low Battery (Panel Low **BAT**tery **A**larm)

 = Panel Low Battery Restore (Panel Low **BAT**tery **R**estore)

 = Clock Changed by PC (**C**lock **C**hanged by **PC**)

 = Clock Changed at panel (**C**lock **C**hanged at **P**a**N**el)

 = Callback Initiated (**C**al**LB**ac**K** Initiated)

 = CRC Error (**CRC** **E**rror)

 = Panel Defaulted (Panel **DEF**au**L**ted)

 = Area Delinquency Alarm (Area **DEL**inquency **A**larm)

 = Area Delinquency Alarm Restore (Area **DEL**inquency Alarm **R**estore)

 = DTU Data sent to Panel (**DTU** to **P**anel Transfer)

 = Excessive Code Attempts Alarm (**E**xcessive **C**o**D**e Attempts **A**larm)

PAST EVENT CODES continued

 = Excessive Code Attempts Restore (**E**xcessive **C**o**D**e Attempts **R**estore)

 = Event Buffer Cleared at Keypad (**EV**ent Buffer Cleared at **K**ey**P**ad)

 = Event Buffer Cleared from PC (**EV**ent Buffer Cleared from **PC**)

 = Duress Alarm at Keypad (**K**ey**P**ad **D**uress **A**larm)

 = Duress Alarm at Keypad Restore (**K**ey**P**ad **D**uress Alarm **R**estore)

 = Fire Alarm at Keypad (**K**ey**P**ad **F**ire **A**larm)

 = Fire Alarm at Keypad Restore (**K**ey**P**ad **F**ire Alarm **R**estore)

 = Medical Alarm at Keypad (**K**ey**P**ad **M**edical **A**larm)

 = Medical Alarm at Keypad Restore (**K**ey**P**ad **M**edical Alarm **R**estore)

 = Panic Alarm at Keypad (**K**ey**P**ad **P**anic **A**larm)

 = Panic Alarm at Keypad Restore (**K**ey**P**ad **P**anic Alarm **R**estore)

 = Keypad Missing (**K**ey**P**ad **S**abotage **A**larm)

 = Keypad Re-Instated (**K**ey**P**ad **S**abotage **R**estore)

 = Keypad Tamper Alarm (**K**ey**P**ad **T**amper **A**larm)

 = Keypad Tamper Alarm Restore (**K**ey**P**ad **T**amper Alarm **R**estore)

 = Manual Test Message sent (**M**anual **T**e**ST** Message sent)

 = Area Open by ARM Button (**OP**en by **AR**M Button)

 = Area Open *Normal or Stay* by Keyswitch (**OP**en by **K**ey**S**witch)

 = Output Turned Off by KP/Control/PC or DTMF (**O**ut**P**ut Turned **OF**F)

 = Output Turned On by KP/Control/PC or DTMF (**O**ut**P**ut Turned **ON**)

 = Area Open *Normal or Stay* by PC or DTMF (**OP**en by **PH**one)

 = Area Open Stay by STAY Button (**OP**en Stay by **ST**AY Button)

 = Output Tamper Alarm (**O**ut**P**ut **T**amper **A**larm)

 = Output Tamper Alarm Restore (**O**ut**P**ut **T**amper Alarm **R**estore)

 = Area Open *Normal or Stay* by Pendant (**OP**en by Pendant-**TX**)

 = Area Open by Time Zone (**OP**en by **T**ime **Z**one)

 = Area Open *Normal or Stay* by User (**OP**en by **U**ser)

 = PC to Panel Comms Ended (**PC** to Panel Comms **OF**f)

 = PC to Panel Comms Started (**PC** to Panel Comms **ON**)

 = Panel Data sent to DTU (**P**anel to **DTU** Transfer)

 = Telephone Line Failure (Tele**PH**one **L**ine failure **A**larm)

PAST EVENT CODES continued

 = Telephone Line Failure Restore (Tele**PH**one **L**ine Failure **R**estore)

 = Dialler Call Un-answered (**PH**one Call **N**ot **A**nswered)

 = No Kiss-Off to Dialler Event (**PH**one Call **N**ot **K**issed-Off)

 = Exit Program Mode (**PR**o**G**ram Mode **E**xit)

 = Enter Program Mode (**PR**o**G**ram **M**ode Entry)

 = Receiver Fail (**R**e**C**ei**V**er **F**ail)

 = Receiver Fail Restore (**R**e**C**ei**V**er Fail **R**estore)

 = RF Zone Battery Low (**RF** Zone **B**attery Low **A**larm)

 = RF Zone Battery Restore (**RF** Zone **B**attery **R**estore)

 = RF Interference Alarm (**RF** **I**nterference **A**larm)

 = RF Interference Alarm Restore (**RF** **I**nterference Alarm **R**estore)

 = RF Zone Supervise Fail Alarm (**RF** Zone **S**upervise Fail **A**larm)

 = RF Zone Supervise Fail Restore (**RF** Zone **S**upervise Fail **R**estore)

 = RF Zone Tamper Alarm (**RF** Zone **T**amper **A**larm)

 = RF Zone Tamper Restore (**RF** Zone **T**amper **R**estore)

 = Radio Zone Deleted (Radio-**RF** **Z**one **D**eleted)

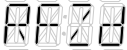
 = Learning Radio Zone (Radio-**RF** **Z**one **L**earning)

 = Spare Off 2

 = Area Armed Spare 1

 = Area Armed Spare 2

 = Area Open Spare 2

 = Area Stay Armed by Keyswitch (**ST**ay by **K**ey**S**witch)

 = Soak Test Off (**S**oak **T**est **OF**f)

 = Soak Test On (**S**oak **T**est **ON**)

 = Area Stay Armed by Upload/Download (**ST**ay Armed by **PC**)

 = Area Stay Armed by STAY button (**ST**ay Armed by **ST**AY Button)

 = Area Stay Armed by Pendant (**ST**ay by Pendant-**TX**)

 = Area Stay Armed by User (**ST**ay by **U**ser)

 = System Tamper Alarm (System **T**a**MP**er **A**larm)

 = System Tamper Alarm Restore (System **T**a**MP**er Alarm **R**estore)

 = Pendant-TX Battery Low (Pendant-**TX** **B**attery Low **A**larm)

PAST EVENT CODES continued

 = Pendant-TX Battery Low Restore (Pendant-**TX** **B**attery Low **R**estore)

 = Pendant-TX Panic Alarm (Pendant-**TX** **P**anic **A**larm)

 = Pendant Deleted (**TX**-**P**endant **D**eleted)

 = Learning Pendant (**TX**-**P**endant **L**earning)

 = Pendant-TX Panic Alarm Restore (Pendant-**TX** **P**anic Alarm **R**estore)

 = User has Change Their Code (**U**ser **C**ode **CH**ange)

 = Walk Test Off (**W**alk **T**est **OF**f)

 = Walk Test On (**W**alk **T**est **ON**)

 = Zone Arm Alarm (**Z**o**n**e **A**rm **A**larm)

 = Zone Arm Alarm Restore (**Z**o**N**e Arm **A**larm **R**estore)

 = Zone Bypass Re-Instated (**Z**o**N**e **B**ypass **R**e-Instated)

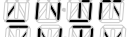
 = Zone Bypass (**Z**o**N**e **BY**pass)

 = Zone Near Alarm (**Z**o**N**e **N**ear **A**larm)

 = Zone Near Alarm Restore (**Z**o**N**e **N**ear Alarm **R**estore)

 = Zone Stay Alarm (**Z**o**N**e **S**tay **A**larm)

 = Zone Stay Alarm Restore (**Z**o**N**e **S**tay Alarm **R**estore)

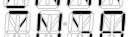
 = Zone Tamper Alarm (**Z**o**N**e **T**amper **A**larm)

 = Zone Tamper Alarm Restore (**Z**o**N**e **T**amper Alarm **R**estore)

 = Zone Verified Alarm (**Z**o**N**e **V**erified **A**larm)

 = Zone Verified Alarm Restore (**Z**o**N**e **V**erified Alarm **R**estore)

 = Zone Sensorwatch Alarm (**Z**one **S**ensor**W**atch **A**larm)

 = Zone Sensorwatch Alarm Restore (**Z**one **S**ensor**W**atch Alarm **R**estore)

DISABLING DAY ZONE CHIME

To Disable Chime press PROG then CONTROL = The display will then read 

To Enable Chime press PROG then CONTROL = The display will then read 

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V1.3