

ULTRA-8D CONTROL PANEL

Operators Manual



ADVANCED DIGITAL CONTROLS

CP108-0M-V1

ULTRA-8D CONTROL PANEL

AS108 OPERATORS MANUAL

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This document is provided to suit the **ULTRA-8D** Control Panel (CP108)

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INTRODUCTION

Thank you for selecting the **ULTRA-8** control panel to protect your family and your property.

This Advanced Digital Controls **ULTRA-8** version alarm control panel has been designed to provide the most requested features for both the installer & the end-user. These features include ease of installation, ease of programming and user friendly operation all in a package which is reliable, functional and attractive.

Utilising many years of experience in the security industry and implementing valuable feedback, we are proud to provide you with a new generation of alarm controller. The **ULTRA-8** is a New Zealand designed and built product which brings you the quality and features which you deserve at an affordable price. In addition to the the advanced design, only the highest quality components have been used in the production of this **ULTRA-8** panel to ensure the highest degree of reliability.

This manual will guide you through the installation and programming of your **ULTRA-8** alarm panel.

ABOUT YOUR ALARM CONTROLLER

Thank you for choosing to protect your premises with an **ULTRA-8**. In doing so you have invested in the most advanced and adaptable panel on the market.

As you become familiar with your **ULTRA-8**, ask your installer about the incredible program options and additional expandability of your **ULTRA-8** Alarm Controller.

At ADC, we do the utmost to future proof everything we make. Your new panel in standard trim is ready to give you years of trouble free operation and can be custom programmed to your specific needs.

Add on features like the WR040 radio receiver card that can operate any of the 4 outputs or arm / disarm your panel with up to 8 key fob radio pendants.

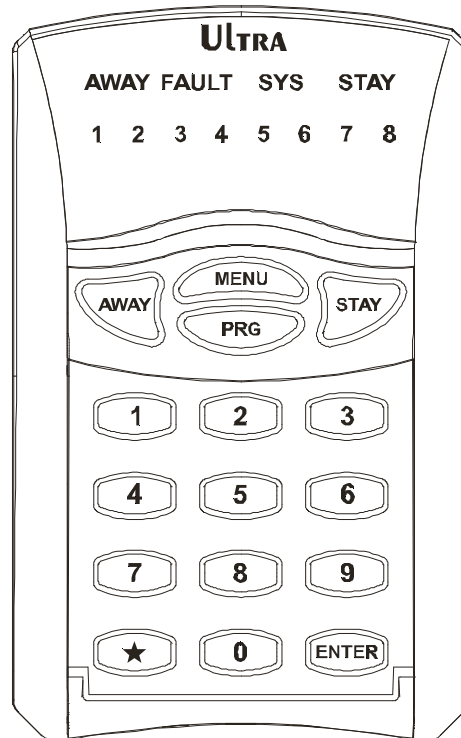
The auto dialler on your panel can be set up to send high speed signals to a monitoring station and / or "domestic dial" sending an Alarm tone to any or all of the 4 possible phone numbers

FOR MORE INFORMATION

Please visit our website, www.adcsecurity.com, to find out more information the **ULTRA-8** Alarm Controller.

THE KEYPAD

ULTRA-8 AS108 keypad is modern and sleek in design and blends into any décor. The removable door allows the button to be hidden when not in use. The backlit epoxy coated buttons gives years of durability in all conditions. Single button arming options allowing you to “arm & go” in a second making life easier. A large display screen shows system status at a glance without too many confusing indicators. AWAY & STAY indicators show panel status while FAULT & SYS indicators show the integrity of the **ULTRA-8**



BUTTON DEFINITIONS

AWAY Button

This button is for arming your **ULTRA-8** panel in **Away Mode**

STAY Button

This button is for arming your **ULTRA-8** panel in **Stay Mode**

PRG Button

This button is for adding or deleting codes or for entering installer mode

MENU Button

This button followed by a number will allow you to execute additional commands as listed below

★ Button

Holding down this button for 2 seconds will cause a PANIC Alarm. A PANIC can also be triggered by a dedicated Night Arm Station or a Keyfob programmed as instant or delayed PANIC.

OPTIONAL LABELS

1 & 3 Buttons Simultaneously – PANIC

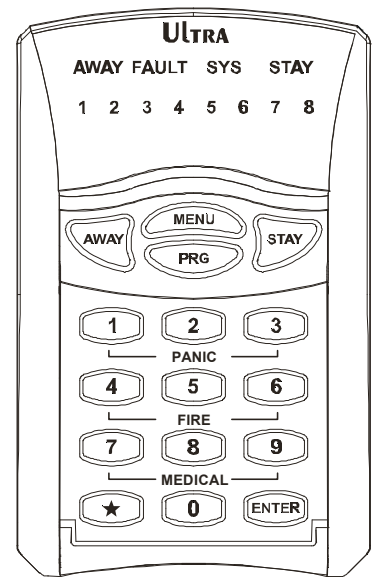
The will cause a PANIC Alarm. This will sound the sirens and if connected to a monitoring station monitored inform them of a Panic situation.

4 & 6 Buttons Simultaneously – FIRE

The will cause a FIRE Alarm. This will sound the sirens and if connected to a monitoring station monitored inform them of a Panic situation.

7 & 9 Buttons Simultaneously – MEDICAL

The will cause a MEDICAL Alarm. This will sound the sirens and if connected to a monitoring station monitored inform them of a Panic situation.



MENU FUNCTIONS

Menu 1	Memory Playback
Menu 2	Exclude Mode
Menu 3	Control Mode
Menu 4	Buzzer Pitch
Menu ★	Keypad Lock

Menu 1 - Memory Playback

This command allows you to view the last 127 events stored in the control panels memory on the keypad

See page 8 for further information

Menu 2 - Exclude Mode

This command allows you to temporarily exclude or by-pass zones of your choice when arming your panel

See page 10 for further information

Menu 3 - Control Mode

This command will allow you to switch Day Zones On/Off or to control outputs

See page 10 for further information

Menu 4 - Buzzer Pitch

This command allows you to change the pitch of the buzzer

See page 11 for further information

Menu ★ - Keypad Lock Mode

This command will lock the keypad from any wondering hands. The MENU Button will flash to indicate that the keypad is locked. To unlock the keypad press Menu + ★

ARMING THE PANEL IN AWAY MODE



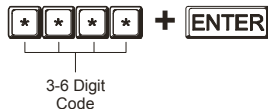
Press the **AWAY** key. The AWAY light will come on. Your panel will begin beeping it's exit delay. During this time it is optional to press the **AWAY** key again to disarm. (to prevent accidental arming, the panel can be programmed to require a code to arm the panel. To do so press AWAY and enter your code followed by the **ENTER** key.

ARMING THE PANEL IN STAY MODE



Press the **STAY** key. The STAY light will come on. Your panel will begin beeping its exit delay. During this time it is optional to press the **STAY** key again to disarm. (to prevent accidental arming, the panel can be programmed to require a code to STAY arm the panel. To do so press STAY and enter your code followed by the **ENTER** key.

DISARMING THE PANEL



To disarm the panel, enter your 1 to 6 digit code then press the **ENTER**

If your system has an optional radio card installed your system can also be armed or disarmed with your remote key fob pendant.

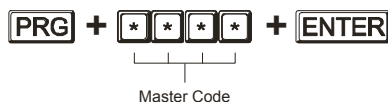
ADDING OR DELETING CODES

The **ULTRA-8** can accept as many as 10 different user codes of 1 up to 6 digits in length.

Your installer can set you up to enter your code at user code 1 (Master code, Default to 2580) You will now be able to add, delete or change codes for other users.

By default only the master code has permission to change add or remove codes. Any new codes added will be able to arm, disarm and put either area of the panel into monitor mode. User codes can be limited in their levels of permission if required. Please ask your installer.

Making sure the panel is not armed, key in the following sequence:



The **PRG** button will start to flash, indicating readiness to accept new programming. To load, for example, user code 3 with a code 4321, key in the following sequence:



If there is an existing code already in that address it will be flashed back on the keypad's LED display. Entering the new code will delete the old and the new code will be flashed back to you.



Continued on the next page....

The panel will give 3 short beeps to indicate correct entry or 1 long tone if not accepted.

To remove or clear a user code number e.g. user 3, key in the following sequence

PRG + **3** + **ENTER** + ***** + **ENTER**

To exit out of program mode key

PRG + **ENTER**

 On the LED display 0 is indicated by **AWAY** LED and 9 by **STAY** LED.

MENU 1 - MEMORY PLAYBACK

The **SYS** LED will flash when an event occurs e.g. "mains failure".

When the event is cleared "mains returns", the **SYS** LED will remain steady. To clear this indicator press Menu 1 or it will simply clear next time you arm the panel.

The **FAULT** LED will flash when an alarm occurs e.g. Tamper Alarms. When the alarm is cleared, by entering a valid code the **FAULT** LED will turn off.

If the reason for the alarm is not cleared the **FAULT** LED will remain on solid until the cause is found and cleared fully.

This event memory is displayed via the keypad with the most recent event shown first and subsequent events following in descending order from newest to oldest. Each event is separated by a beep tone.

There are a number of events which are stored in memory which do not have a specific indicator associated with them such as Panic and Duress.

Other events such as tampers and low battery are shared across many devices. For this reason the following table has been created.

This table details which indicator lights correspond to which events in memory.

To view **EVENT MEMORY PLAYBACK MODE** press

MENU + **1**

The last 127 events will be played back on the keypad LEDs displayed sequentially at 2 second intervals from the most recent event backwards.

Continued on the next page....

To get to a specific event rapidly press the **★** key repeatedly and the memory display will be sped up accordingly

To exit memory mode press

ENTER

MEMORY EVENT LIST

EVENT TYPE\ INDICATION	DEVICE	INDICATOR	STATUS
ACTIVATION	Zones 1-8	LED's 1-8	On Steady
EXCLUDE	Zones 1-8	AWAY LED LED's 1-8	Flashes Fast On Steady
DETECTOR TAPMER (SHORT CIRCUIT)	Zones 1-4	TROUBLE LED's 1-4	Flashing On Steady
DETECTOR TAPMER (OPEN CIRCUIT)	Zones 5-8	TROUBLE LED's 5-8	Flashing On Steady
CABINET TAMPER	Cabinet or Satellite	TROUBLE	Flashing
LOW BATTERY	Control Panels Battery	SYS LED 1	On Steady On Steady
MAINS FAILURE	Control Panels Mains Supply	SYS LED 2	On Steady On Steady
WIRELESS ZONE LOW BATTERY	Wireless Detectors Zone 1-8	LED's 1-8	Flashing
WIRELESS KEYFOB LOW BATTERY	Wireless Keyfob User 1-8	TROUBLE LED's 1-8	On Steady Flashing
PANIC (BOTTONS 1 & 3 PRESSED TOGETHER)	Keypad Panic	SYS	Flashing
FIRE ALARM (BOTTONS 4 & 6 PRESSED TOGETHER)	Keypad Fire	SYS AWAY	Flashing Flashing
MEDICAL ALARM (BOTTONS 7 & 9 PRESSED TOGETHER)	Keypad Medical	SYS STAY	Flashing Flashing
WIRLESS KEYFOB PANIC	Wireless Keyfob User 1-8	SYS LED 1-8	Flashing Flashing
ARMED IN AWAY MODE	Panel is Armed	AWAY	On Steady
ARMED IN STAY MODE	Panel is in STAY mode	STAY	On Steady
KEYPAD DURESS ALARM	Duress Alarm	TROUBLE AWAY & STAY	On Steady Flashing
SUPERVISED WIRELESS ALARM	Supervised Wireless Detector	SYS TROUBLE LED's 1-8	On Steady Flashing Flashing
ZONE INACTIVITY	Zones 1-8	AWAY TROUBLE LED's 1-8	Flashing Fast On Steady On Steady
TELEPHONE LINE FAILURE	Phone Line Failure	TROUBLE LED 3	On Steady On Steady

MENU 2 - EXCLUDE MODE

This command allows you to temporarily exclude or by-pass zones of your choice when arming your panel. The excluded zones will go back to normal the next time you disarm the panel (except 24 Hour zones which must be manually re-included). A typical example would be if you wanted to let your pet run around in the garage when your system is armed, you could choose to exclude that detector (say Zone 1) from the system.


To exclude zone 1, key in the following sequence:

MENU + **3**

then press

1 + **ENTER**

When the **ENTER** key is pressed the **AWAY** LED will flash very fast (provided that all zones are sealed) to indicate the exclude function is active before arming, any number of zones may be excluded in this manner. Press **MENU 2** again to add or remove excluded zones. Press the 1 button again and zone 1 will be included.

 24 hour zones (for example smoke detectors) will remain excluded until they are manually included again. All other excluded zones will return to normal "included" mode automatically the next time the panel is armed.

It is advisable to vacate the secured area before the exit delay expires

You may now ARM the panel.

MENU 3 - CONTROL MODE

Another special key that can be programmed to control a number of functions.

- 1) Day Zone Control: A Day Zone is a detector that can be part armed while you are home but working in another part of the building. It can be programmed to operate a buzzer or light to let you know you have a visitor.

Press the **MENU 3** button

MENU + **3**

The **SYS** LED's will be on steady

Press the **PRG** button


PRG

The **PRG** button will flash indicating that Day Zone is disabled.

Continued on the next page....

To enable Day Zone again

Press the **MENU 3** and the **ENTER** button again.

 When the system is armed it changes to become a full alarm zone.

2) Output Control: Outputs are programmable contacts on the panel that can be used to switch or power external devices on or off.

Press the **MENU 3** button

MENU + **3**

The **SYS** LED's will be on steady

Press the number key corresponding to the output you wish to turn on i.e.-output 3 turns on water heating. Press the **3** key, the 3 LED will illuminate indicating the output is on. Press the **ENTER** key to return to normal keypad function.

3 + **ENTER**

To check what outputs are on simply press the **MENU 3** keys again, LED 3 will be illuminated pressing the **3** key again will toggle the output off. Press **ENTER** to return keypad to normal.

MENU 4 - BUZZER PITCH

This command allows you to change the pitch of the buzzer on the keypad from a high pitch to a low pitch or switch the buzzer off. E.g. bedroom situations.

Number	Pitch
1	Highest Pitch
2	▲
3	
4	
5	Medium Pitch
6	▼
7	
8	
9	Lowest Pitch
0	Buzzer Off

HOLD-UP DURESS ALARM

The duress digit is a number from 1-9. To create a duress alarm, the duress digit must be pressed before the code to disarm. ie, If the user code is 2580 and the duress digit is 5, then entering a code of 52580 + ENTER would create a duress alarm. The sirens won't sound, but the dialler would dial to the Monitoring Station and report a DURESS ALARM. Please ask your installer to set the duress digit. It is default for 0, which means the duress option is disabled.

INSTALLER NOTES