

To Full Set — (ALL USERS)

Press  Enter your PIN code or smart key.

Press  the FULL SET key.

Exit time will start. System will set on completion of the exit procedure.

To Part Set 1 — (ALL USERS)

Press  Enter your PIN code or smart key.

Press  the PART SET 1 key.

Part set 1 exit time will start. System will part set on completion of exit procedure.

To Part Set 2 — (ALL USERS)

Press  Enter your PIN code or smart key.

Press  the PART SET 2 key.

Part set 2 exit time will start. System will part set on completion of exit procedure .

NOTE: In any of the setting methods a user will only be able to set/unset the parts they have authority over. If a user attempts to set/unset a part they do not have authority over then an error tone will be emitted from the keypad. If a user has authority over a certain part and cannot set/unset the part then the authority of the keypad may not be available for that part. If this is the case consult the installer to rectify the problem.

To instant Full Set / Part Set 1 and 2 (ALL USERS)

Press  Enter your PIN code or smart key.

Press  or  or  Select setting type Full, Part 1 or 2. The panel will set the selected part if the user is authorised to do so.

Press  The 2 (Pin) key selects instant setting

If all zones are clear the panel will set, if any zones are in alarm the panel will not set and there will be a warning tone.

To view the event log (MANAGER USER ONLY)

The event log can be viewed by a manager user only. The event log contains the most recent events of the system.

Press  Enter a Manager PIN Code or smart key.

Press   Event Log.

Press  Confirms Event Log view.

Press  To print the log if a printer is attached.

Press  To scroll backwards through the event log.

Press  To scroll forwards through the event log.

Press  To display event number and time of event.

Press  To display text descriptor (if programmed).

Press  To exit event log at any time.

Note : Print log is not available on integrated (i) versions.

To Silent Full Set / Part Set 1 and 2 — (ALL USERS)

Press  Enter your PIN code or smart key.

Press  or  or  Select setting type. Full, Part 1 or Part 2. The panel will set the selected part if the user is authorised to do so.

Press  the 3 (Omit) key selects silent setting

Exit time will start. System will Set on completion of exit procedure.

To Unset (No Alarm) — (NOT SET ONLY USER)

Press  Enter your PIN code or smart key.

Press  or  or  Select unsetting type. Full, Part 1 or Part 2. The panel will unset the selected part if the user is authorised to do so.

Note: If a user only has authority for one part ,unsetting is automatic. user will only be able to unset parts they are authorised to unset. If the user does not wish to unset then press  cancel at the unset prompt.

To Reset (After an Alarm) — (NOT SET ONLY USER)

Sounders/Strobe operating. Enter your PIN code or smart key.

LED ON FOR ZONE ACTIVATION

Sounder/Strobe silenced. The display scrolls through alarms.

Press  to reset the panel and to confirm.

Press  to revert to unset.

Note : If using a 2 x 7 segment display   will be displayed depicting a reset required message.

Event/Alarm Log Display					
LCD Text Display	Status LEDs	Twin 7-Segment	LCD Text Display	Status LEDs	Twin 7-Segment
ZONE "?" ALARM	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	Zone No 01 - 32	SECONDARY COMM OK	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	02
LINE FAULT	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	LF	DUAL COMM OK	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	03
ZONE "?" SET FAIL	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input checked="" type="radio"/> FAULT	Zone No 01 - 32	PRIMARY COMM FAIL	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input checked="" type="radio"/> FAULT	F1
USER "?" UNSET	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input type="radio"/> FAULT	User No 01 - 14	SECONDARY COMM FAIL	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input checked="" type="radio"/> FAULT	F2
ZONE "?" OMIT	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input checked="" type="radio"/> FAULT	Zone No 01 - 32	DUAL COMM FAIL	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input checked="" type="radio"/> FAULT	F3
SYSTEM TAMPER	<input checked="" type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	SY	ZONE "?" KNOCK	<input checked="" type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	Zone No 01 - 32
ZONE "?" TAMPER	<input type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	Zone No 01 - 32	USER "?" CLK SET	<input checked="" type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input checked="" type="radio"/> FAULT	User No 01 - 14
KEYPAD "?" TAMPER	<input type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input checked="" type="radio"/> FAULT	KEYPAD No. 1 - 8	USER "?" FULL SET	<input checked="" type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	User No 01 - 14
DURESS	<input type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input type="radio"/> FAULT	DU	CALL ENGINEER	<input checked="" type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input checked="" type="radio"/> FAULT	0E
USER "?" PART 2 SET	<input type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input type="radio"/> FAULT	User No 01 - 14	TEST CALL	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input type="radio"/> FAULT	EC
ZONE "?" SOAK	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input checked="" type="radio"/> FAULT	Zone No 01 - 32	REMOTE LOCKOUT	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	90
MAINS FAIL	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	SU	KEYPAD "?" LOCKOUT	<input type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	KEYPAD No. 1 - 8
LOW BATTERY	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input checked="" type="radio"/> FAULT	Lb	ENGINEER ACCESS	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	En
USER "?" PART 1 SET	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input type="radio"/> FAULT	User No 01 - 14	WALK TEST	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input checked="" type="radio"/> FAULT	ES
PRIMARY COMM OK	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	01	CLOCK EDIT	<input type="radio"/> MAINS <input type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	EE
DATE STAMP	<input checked="" type="radio"/> MAINS <input type="radio"/> TAMPER <input checked="" type="radio"/> DAY <input type="radio"/> FAULT	dS	CONCENTRATOR TAMPER	<input type="radio"/> MAINS <input checked="" type="radio"/> TAMPER <input type="radio"/> DAY <input type="radio"/> FAULT	EE CONC. No. 1 - 8

User Authority setting/unsetting options(MANAGER USER)

The user authority is only available to a Manager user. User 01 is defaulted as a manager and this cannot be changed. To assign authority proceed as follows :

Press **XXXX or**  Enter Manager PIN code or smart key.

Press **6** then this selects the authority programming (Mains/Tamper LEDs on)

Press **0 2** to select the user number whose authority is to be set (mains, Tamper & Day LEDs on once User is selected)

Press **1 4**

Press **0** 0 = OFF or

Press **1** 1 = Manager or

Press **2** 2 = Ordinary or

Press **3** 3 = Set only or

Press **4** 4 = Duress or

Press **✓** to confirm selection

AREA = OFF Will be displayed if no setting/unsetting authority has been assigned.

Press **0** 0 = Standard authority

Press **1** 1 = P1 authority

Press **2** 2 = P2 authority

Press **3** 3 = Full authority

Press **✓** to confirm selection

User Guide 6

Text (MANAGER USER ONLY)

Text can be customised using an LCD keypad. Text can only be customised by a Manager User.

Press **PIN Code or**  Enter manager PIN code or smart key.

Press **7** then to select group text or

Press **✓**

Press **8** then to select user text

Press **✓**

Press **9** then to select zone text

Press **✓**

Once group, user or zone text is entered, the following keys allow the selection of certain characters or functions.

- 1 - Select A
- 2 - Select M
- 3 - Select Z
- 4 - Select a
- 5 - Select m
- 6 - Select z
- 7 - Select 1
- 8 - Select 9
- 9 - Select .
- 0 - Deletes text to the right of the flashing character
-  - Moves up the alphabet
-  - Moves down the alphabet
-  - Selects/confirms choice of character
-  - Confirms whole text string
- X - Reverts to previously selected text

Default Text

Zone No	Text	User No	Text	Group	Text
1	zone 1	1	User 1	1	Part 1 set
2	zone 2	2	User 2	2	Part 2 set
3	zone 3	3	User 3	3	Full set
to		to		4	System unset
32	zone 32	14	User 14		

The LCD Keypad can also be used for displaying the default or customised text when required. When chime, omit, walk test or alarm log are being displayed, pressing key 9 will display zone text and when set indications are selected then group text is displayed.

User Guide 8

User Authority setting/unsetting options (MANAGER USER)

The setting/unsetting authority is only programmable by a Manager user. Setting/unsetting authority can be assigned to each user. After selection of authority level for the user (see above) the user can be assigned ,P1, P2 or Full. Full authority will also allow setting/unsetting of P1 or P2. To assign setting/unsetting authority proceed from setting the user authority and assign setting/unsetting authority. Once setting/unsetting authority has been assigned the user will only be able to set/unset the parts they have been authorised to set/unset. If a user with authority for P1 tries to set/unset P2 or Full then an error tone will be emitted from the keypad. It is critical to the correct operation of the system that each user is fully aware of the authority they have and the setting/unsetting authority they have been assigned. It should be noted that the user must also know which keypads have authority over which parts of the system as this has a major impact on what can be achieved on the system.

Note : The action of selecting OFF for a User authority will change the PIN code to factory default.
If Duress User authority is selected, when logging on to change the PIN, a duress alarm will be created.

Manager SET / UNSET / OMIT / CHIME / CHANGE PIN / TEST / CHANGE TIME / EDIT TEXT / VIEW LOG / REMOTE ACCESS

Ordinary SET / UNSET / OMIT / CHIME / CHANGE PIN

Set Only SET / CHANGE PIN

Duress AS ORDINARY BUT GENERATES PA TX OUTPUT

If OFF is selected for setting/unsetting authority then the system will unset everything that is set when the Pin code is entered rather than controlling individual parts that are assigned to the user through setting/unsetting authority.

IN DEFAULT ONLY USER 01 HAS AUTHORITY. THE AUTHORITY FOR USER 01 IS SET FOR MANAGER AND THIS AUTHORITY CANNOT BE CHANGED. AS EACH USER IS REQUIRED THEN THE AUTHORITY SHOULD BE ASSIGNED, AFTER THIS IS COMPLETE THE PIN CODE SHOULD BE CHANGED FROM DEFAULT.

USER 01 DEFAULT PIN CODE **0101 (MANAGER FIXED)**

USER 02 DEFAULT PIN CODE **0202 (NO AUTHORITY)**

USER 03 DEFAULT PIN CODE **0303 (NO AUTHORITY)**

USER 14 DEFAULT PIN CODE **1414 (NO AUTHORITY)**

User Guide 7

Walk Test — (MANAGER USER)

Press **PIN Code or**  Enter manager PIN code or smart key.

Press **4** the 4 (Walk) key followed by

Press **✓** to confirm.

Detector test is now enabled.

Press **X** the cancel key to exit.

Display will scroll through untested zones.

Sounder Test — (MANAGER USER)

Press **PIN Code or**  Enter manager PIN code or smart key.

Press **5** the 5 (Sndrs) key followed by

Press **✓** to confirm.

Speaker will operate for 60 seconds or

Press **✓** to move on to sounder which will operate for 60 seconds or

Press **✓** to move on to strobe which will operate for 60 seconds or

Press **X** the cancel key to exit.

Exit Faults

If a zone alarms during the exit time, the setting tone will change and the fault LED will be on. If the zone does not clear by the end of the exit time, the system will not set and the faulty zone will be indicated on the zone LED's when the User logs on.

User Guide 9

Time Change — (MANAGER USER ONLY)

The time can be changed by a Manager User only. To change time, proceed as follows

PIN Code or  Enter manager PIN code or smart key.

Press   then

 the current time will be displayed with the first digit flashing. Enter the new time directly to move to the next field.

Press  to confirm.

The clock on the control panel can be adjusted to add or remove a programmed number of seconds each day. The adjustment is allowed to cater for a slow or fast clock. To adjust the clock it must be known how much adjustment is required ie the number of seconds the clock loses or gains per day. The adjustment is automatic at midnight each night and does not have to be carried out each day.

To adjust the clock proceed as follows:

Press   then

 the current time will be displayed with the first digit flashing.

Press   Enter adjustment in seconds.

Press  To change from adding time to removing time.

Press  to confirm adjustment.

NOTE: It is essential that the time adjust is only used if the amount of adjustment is known. The adjustment should only need to be carried out once.

LED FUNCTIONS

LED	STATUS	FUNCTION
Mains (GREEN)	ON OFF FLASH	Mains Present Power Failed Running off battery
Day (GREEN)	ON OFF FLASH	System may be optioned to show the day LED status when no users are logged on. Panel ready to set The panel is not ready to set. Setting started
Fault (AMBER)	ON FLASH OFF	Will be on if the panel is reset when a PA, Fire, 24 hr or tamper circuit is still open. Will also be on if a fault is present when setting. Programmer logged on. Zone clear no setting problems
Tamper (RED)	ON	System in tamper alarm condition
Zones (RED)	ON OFF	Shows the zones which are selected for setting. Also shows zones which have alarmed in alarm log. Indicates the zones which are not in the setting group or zones which are omitted.

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Managed Reset Operation (LCD ONLY)

Managed reset is only required if the panel has been configured for engineer reset and managed reset is turned on. Following an alarm, the panel can be unset by entering a valid PIN code or smartkey. This will silence the sounders. To reset the Tx channels follow reset after an alarm procedure. Once unset, the panel cannot be set until a managed reset code is provided. If an attempt to Full Set or Part Set 1 or 2 is attempted, the LCD keypad will display a 5 digit number. Your alarm company should be contacted with this number and they will issue a reset PIN code. Entering this PIN code will reset the panel and allow the system to be set again. The Reset PIN code can only be entered when RST number is displayed e.g.

PIN Code or  Enter your PIN code or smart key.

 will be displayed on LCD keypad

Press    to set system. A 5 digit number will be displayed. Contact the alarm company for PIN code and enter the 6 digit number

Press   If successful the Fault LED will extinguish and the panel can now be set.

THE PANEL CAN BE RESET AT ANY TIME BY ENTERING A VALID ENGINEERING CODE.



IMPORTANT NOTE: THE CONTROL PANEL CAN BE PROGRAMMED TO ALLOW LOG ON BY ENTERING A VALID PINCODE OR ENTRY OF A VALID PINCODE FOLLOWED BY  CONFIRM. PLEASE CONSULT YOUR INSTALLER TO VERIFY WHICH METHOD OF LOG ON THE CONTROL PANEL HAS BEEN PROGRAMMED TO ACCEPT.

KEYPOINT USE

To Full Set

Press  Enter your smart key.
 the FULL SET key. Exit time will start. Remove your smart key and leave by the designated exit route. System will set on completion of the exit procedure.

To Part Set 1

Press  Enter your smart key.
 the PART SET 1 key. Part set exit time will start. Remove your smart key and the system will part set on completion of the exit procedure.

To Part Set 2

Press  Enter your smart key.
 the PART SET 2 key. Part set exit time will start. Remove your smart key and the system will part set on completion of the exit procedure.

To Unset (No Alarm)

 Enter your smart key. The system will automatically unset.

To Reset (After an Alarm)

 **Sounder/Strobe operating.**
 Enter your smart key.
 Sounder/Strobe silenced.
 Fault LED on. Remove key and go to an LCD/2X7 segment keypad to reset the system.

User Guide 10

Remote Authorisation — (MANAGER USER ONLY)

If programmed for remote access authorised by the manager user, then the manager must allow remote access as follows :

PIN Code or
 Enter manager PIN code or smart key.
 Press   then
 to select the authorisation program
 Press  for remote access 'OFF' or
 for remote access 'ON'
 Press  to confirm selection.

When remote access 'ON' is selected, remote access is authorised for a 10 minute window during which time remote access must be carried out.

Chime — (MANAGER & ORDINARY USERS)

PIN Code or
 Enter your PIN code or smart key.
 Press  the 1 (Chime) key followed by
 to confirm key.
SELECT ZONES FOR CHIME
 Select the zones you require to chime e.g. 01 for Zone 1 etc.
 Press  de-selects chime for the zone.
 Press  selects chime for the zone.
 Press  to confirm selection
 Press  to exit or select another zone you require to chime.

Note : Only appropriate zones can have chime. This excludes PA, 24 HR and Fire.

User Guide 12

2 x 7 Segment Keypad Displays

 **Reset required**
 This will be displayed when a reset is required after an alarm.

 **Full Set**
 This will be displayed when the user selects  Full Set.

 **Part 1 Set**
 This will be displayed when the user selects  Part 1 Set.

 **Part 2 Set**
 This will be displayed when the user selects  Part 2 Set.

 **Call Engineer**
 This will be displayed when an engineer reset is required.

 **Battery Test**
 This will be displayed when the panel performs a battery test.

 **Unset**
 This will be displayed to prompt the user to unset the parts they are authorised to unset.

 **No Authority**
 This will be displayed if an attempted function is not available to the user.

 **Pin Clash**
 This will be displayed if a Pin Clash occurs.

 **Push Button**
 This will be displayed if a push button set is required.

 **Keypad Busy**
 This will be displayed if another keypad is in use.

 **Pin Prompt**
 This will be displayed for new pin code entry followed by the number of digits required for the new Pin code. The number of digits will decrease as new ones are entered.

User Guide 11

Change User Code or Smartkey — (ALL USERS)

PIN Code or
 Enter your PIN code or smart key.
 Press  the 2 (PIN) key followed by the
 to confirm.
 Enter your new PIN code or a new smart key.
YYYY or
 Re-enter your new PIN code or smart key.
YYYY or

 Press  to revert to unset.

Omit Zone (One Set Period Operation) — (MANAGER & ORDINARY USERS)

PIN Code or
 Enter manager PIN code or smart key.
 Press  the 3 (Omit) key followed by the
 to confirm
 Enter zone number to omit e.g. 01 for Zone 1 etc. then
 Press  to keep zone active or
 to omit the zone
 Press  to confirm selection
 Press  to revert to unset.

Note : only zones programmed as omit can be omitted.

Smart keys

Smart keys must be programmed for each system. Smart keys will not operate until they are programmed. To programme a key follow the PIN code change routine. Once the smart key has been programmed it must be remembered that the key will now **replace** the pin code.

User Guide 13