




**To Full Set — (ALL USERS)**


**PIN Code or**  
 Enter your PIN code or smart key.


Press  the FULL SET key.  
 Zone LED's will indicate zone status.  
 Off Not Arming  
 On Arming & Clear  
 Flashing Arming & In Alarm.


Press  to confirm.

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

**To Part Set 1 — (ALL USERS)**


**PIN Code or**  
 Enter your PIN code or smart key.


Press  the PART SET1 key.  
 Zone LED's will indicate zone status.  
 Off Not Arming  
 On Arming & Clear  
 Flashing Arming & In Alarm.


Press  to confirm

Part set exit time will start. System will part set on completion of exit time or closing of exit point.

**To Part Set 2 — (ALL USERS)**


**PIN Code or**  
 Enter your PIN code or smart key.




Press  the PART SET 2 key.  
 Zone LED's will indicate zone status.  
 Off Not Arming  
 On Arming & Clear  
 Flashing Arming & In Alarm.


Press  to confirm.


Part set exit time will start. System will part set on completion of exit time or closing of exit point .

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

**PIN Code or**  
 Enter your PIN code or smart key.


Press  or  or  Select setting type. Full, Part 1 or Part 2.  
 Zone LED's will indicate zone status.  
 Off Not Arming  
 On Arming & Clear  
 Flashing Arming & In Alarm

Press  the 3 (Omit) key selects silent setting


Press  to confirm

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



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


**PIN Code or**  
 Enter your PIN code or smartkey.  
 The system will automatically unset.

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

**PIN Code or**  
 Sounders/Strobe operating. Enter your PIN code or smartkey.

**LED ON FOR ZONE ACTIVATION**  
 Sounder/Strobe silenced. LEDs on for zone activation. First zone to alarm is flashing.

Press  to reset the panel and  
 to confirm.


Press  to revert to unset.



**Event Log Display**


Status LEDs	Zone LEDs	Message/LCD Text Display	Status LEDs	Zone LEDs	Message/LCD Text Display
○ MAINS ○ TAMPER ○ DAY ○ FAULT	Zone No.	ZONE *?* ALARM	● MAINS ○ TAMPER ● DAY ○ FAULT	ALL OFF	SECONDARY COMM OK
○ MAINS ○ TAMPER ○ DAY ○ FAULT	ALL OFF	LINE FAULT	● MAINS ○ TAMPER ● DAY ○ FAULT	ALL OFF	DUAL COMM OK
○ MAINS ○ TAMPER ○ DAY ● FAULT	Zone No.	EXIT FAULT	● MAINS ○ TAMPER ● DAY ● FAULT	ALL OFF	PRIMARY COMM FAIL
○ MAINS ○ TAMPER ● DAY ○ FAULT	User No.	USER *?* UNSET	● MAINS ○ TAMPER ● DAY ● FAULT	ALL OFF	SECONDARY COMM FAIL
○ MAINS ○ TAMPER ● DAY ● FAULT	Zone No.	ZONE *?* OMIT	● MAINS ○ TAMPER ● DAY ● FAULT	ALL OFF	DUAL COMM FAIL
○ MAINS ● TAMPER ○ DAY ○ FAULT	ALL OFF	SYSTEM TAMPER	● MAINS ○ TAMPER ○ DAY ○ FAULT	Zone No.	ZONE *?* KNOCK
○ MAINS ● TAMPER ○ DAY ○ FAULT	Zone No.	ZONE *?* TAMPER	● MAINS ○ TAMPER ○ DAY ● FAULT	User No.	USER *?* CLK SET
○ MAINS ● TAMPER ○ DAY ● FAULT	Keypad No.	KEYPAD *?* TAMPER	● MAINS ○ TAMPER ● DAY ○ FAULT	User No.	USER *?* FULL SET
○ MAINS ● TAMPER ● DAY ○ FAULT	ALL OFF	DURESS	● MAINS ○ TAMPER ● DAY ● FAULT	ALL OFF	CALL ENGINEER
○ MAINS ● TAMPER ● DAY ○ FAULT	User No.	USER *?* PART 2 SET	⊗ MAINS ⊗ TAMPER ⊗ DAY ⊗ FAULT	ALL OFF	TEST CALL
○ MAINS ○ TAMPER ● DAY ● FAULT	Zone No.	ZONE *?* SOAK	⊗ MAINS ⊗ TAMPER ⊗ DAY ⊗ FAULT	ALL OFF	REMOTE LOCKOUT
● MAINS ○ TAMPER ○ DAY ○ FAULT	ALL OFF	MAINS FAIL	⊗ MAINS ⊗ TAMPER ⊗ DAY ⊗ FAULT	ALL OFF	KEYPAD LOCKOUT
● MAINS ○ TAMPER ○ DAY ● FAULT	ALL OFF	LOW BATTERY	⊗ MAINS ⊗ TAMPER ⊗ DAY ⊗ FAULT	ALL OFF	ENGINEER ACCESS
● MAINS ○ TAMPER ● DAY ○ FAULT	USER No.	USER *?* PART 1 SET	⊗ MAINS ⊗ TAMPER ⊗ DAY ⊗ FAULT	ALL OFF	WALK TEST
● MAINS ○ TAMPER ● DAY ○ FAULT	ALL OFF	PRIMARY COMM OK	<b>KEY</b> ○ LED OFF ● LED ON ⊗ LED FLASHING		

Note  
 Flashing LEDs indicate an undisplayable event on a LED+ keypad

**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 (LED on when Chime selected) followed by  
 to confirm selection.


NOTE: Chime will only operate on appropriate zones, not PA , fire or 24H


**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.



**YYYY or**  
 Enter your new PIN code or a new smart key.

**YYYY or**  
 Re-enter your new PIN code or smart key.

Press  to revert to unset.


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

**PIN Code or**  
 Enter your PIN code or smart key.


Press  the 3 (Omit) key followed by the  
 to confirm




**LED on for zone not omitted**  
 Current status of zones


**SELECT ZONES FOR OMIT**  
 To omit or de-omit the zones


Press  to confirm selection

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

**PIN Code or**  Enter your PIN code or smart key.

Press  or  or  Select setting type Full, Part 1 or 2.  
 Zone LEDs will indicate zone status  
 OFF Not Arming  
 ON Arming and clear  
 FLASHING Arming and in alarm


Press  The 2 (Pin) key selects instant setting



Press  To confirm


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 on a Balmoral can be viewed by a manger user only. The event log contains the most recent events of the system (50 events Balmoral 6, 100 events Balmoral 8 and 250 events Balmoral 8+).


**PIN Code or**  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 exit event log at any time.

**Walk Test — (MANAGER USER)**


**PIN Code or**  Enter your PIN code or smart key.



Press  the 4 (Walk) key followed by  
 to confirm.  
 Detector test is now enabled.




Press  the cancel key to exit.

**Note :** As each zone is successfully tested, the zone LED will extinguish and there will be an audible confirm tone from the speaker.

**Sounder Test — (MANAGER USER)**

**PIN Code or**  Enter your PIN code or smart key.

Press  the 5 (Sndrs) key followed by  
 to confirm.  
 Speaker will operate for 60 seconds or

Press  to move on to sounder which will operate for 60 seconds or  
 to move on to strobe which will operate for 60 seconds or  
 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.

CONTROL PANEL LEDS		
LED	STATUS	FUNCTION
<b>Mains (GREEN)</b>	ON OFF FLASH	Mains Present Power Failed Running off battery
<b>Day (GREEN)</b>	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
<b>Fault (AMBER)</b>	ON  FLASH OFF FLASH	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 When user logged on - indicates line fault/Comms fail
<b>Tamper (RED)</b>	ON	System in tamper alarm condition
<b>Zones (RED)</b>	ON  FLASH  OFF	Shows the zones which are selected for setting. Also shows zones which have alarmed in alarm log. Shows the zones which are selected for setting and are not clear. Also shows the first zone to alarm in the alarm log. Indicates the zones which are not in the setting group or zones which are omitted.

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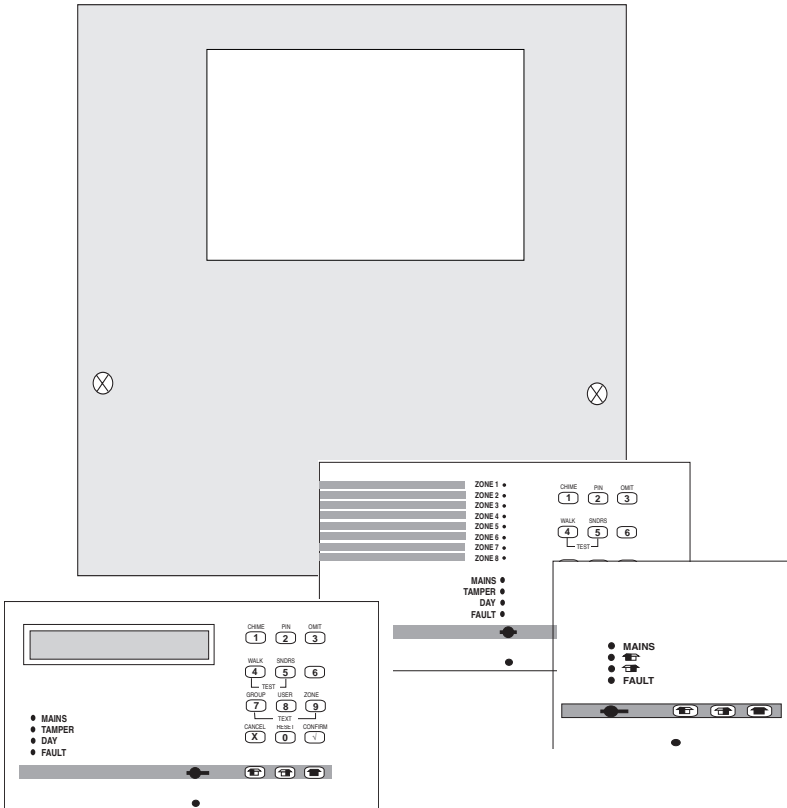
Part No. 320454 Issue B

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# BALMORAL




# User Guide

## BALMORAL — 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 control panel to reset the system.

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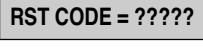

## Time Change — (BALMORAL 8+ ONLY)

The time on the Balmoral 8+ can be changed by a Manager User. The time can be changed by a maximum of 75 minutes forwards or backwards (this is to adjust for summer/winter time). To change time, proceed as follows

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

## Technistore Reset Operation (LCD ONLY)

Technistore reset is only required if the panel has been configured for engineer reset and technistore 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 technistore reset is provided. If an attempt to Full Set or Part Set 1 or 2 is attempted, the LCD keypad will display a 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.














Press  **PIN Code or** Enter your PIN code or smart key.  
 will be displayed on LCD keypad  
Press    to set system. A number will be displayed. Contact the alarm company for PIN code and enter the 5 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.**

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## User Authority (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 a known Manager PIN code or smart key.  
 then  
 this selects the authority programming (Mains/Tamper LEDs on)  
Press   select the user number whose authority is to be set  
to  
  (mains, Tamper & Day LEDs on once User is selected)  
Press  0 = OFF or  
 1 = Manager or  
 2 = Ordinary or  
 3 = Set only or  
 4 = Duress or  
Once selected the LED for the authority level will be ON 1 (Manager) 2 (Ordinary) 3 (Set Only) 4 (Duress). If the authority is OFF then no zone LED will be ON.  
Press  to confirm selection

**Note :** The action of selecting OFF for a User will change the PIN code to factory default. If Duress User 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






### Electronic keys

Electronic keys must be programmed for each system. Electronic keys will not operate until they are programmed. To programme a key follow the PIN code change routine.




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## Text (MANAGER USER ONLY)

Text can be customised on a Balmoral panel using an LCD+ keypad. Text can only be customised by a Manager User.

Press  **PIN Code or** Enter your PIN code or smart key.  
 then  
 to select group text or  
Press  then  
 to select zone text

Once group 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/confirm choice of character
- √ - Confirms whole text string
- X - Reverts to previously selected text

### Default Text

Zone Text	Zone No	Text	Group Text	Group	Text
	1	zone 1		1	Part 1 set
	2	zone 2		2	Part 2 set
	3	zone 3		3	Full set
	4	zone 4		4	System unset
	5	zone 5			
	6	zone 6			
	7	zone 7			
	8	zone 8			

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.

In order to access certain features an LCD+ Keypad must be used. The features available are Real Time Clock (RTC). Technistore reset, Smartdial programming and text, these features can only be used with an LCD+ Keypad.

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