
You've Made the Right Choice

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Note the specification of Euro-MERiDIAN may vary between models, and some facilities in the manual may not be available. Check with your installer for full details.

**You've Made the Right
Choice**

Using your *Euro-MERiDIAN* Alarm
System just couldn't be easier!

The MERiDIAN Keypad

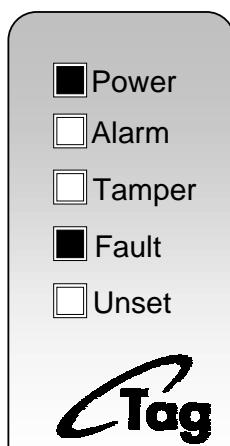


The display gives you any important messages. It will alert you if you need to call your alarm installation engineer.

The 10 digit numeric keypad is where you use your PIN code.



The **A B C D** keys help simplify use, and will illuminate to highlight your choice of security cover, or flash if there is a problem.



This is where you present your **Tag**.

Warning Indications

All setting points (keypads or Tag readers) have lamps to clearly indicate what is happening.

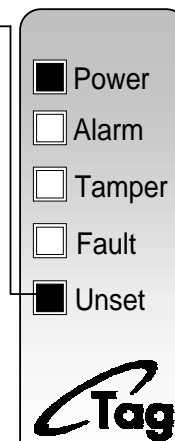
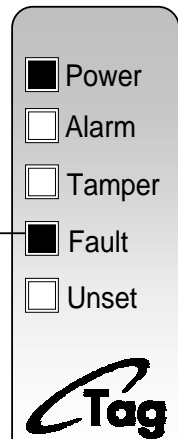
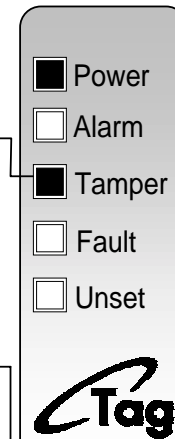
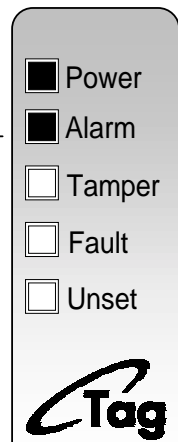
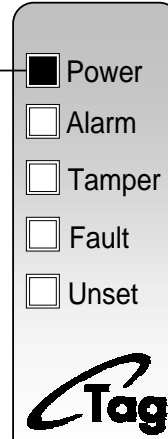
The **'Power'** lamp will flash if the mains supply fails.

The **'Alarm'** lamp will flash if an alarm occurs.

The **'Tamper'** lamp will flash if MERiDIAN's wiring or equipment is tampered with.

The **'Fault'** lamp will indicate if a technical fault occurs and will flash if you cannot set the system for any reason.

The **'Unset'** lamp will light for 5 seconds if *Euro-MERiDIAN* is completely Unset (steady) or if some areas remain Set (flashing). It will also light during the setting procedure, going off once set.



Using Tags

Euro-MERiDIAN's High Security Proximity Tag (or Card) will set or unset your Alarm system with the minimum of fuss or complexity.

The Tag contains NO batteries and is completely maintenance free.

Just touch the Tag to the logo to use.

The Keypad will BEEP to acknowledge the TAG.

Using the
Keypad with
your PIN
Code or



Security Checks

Before you activate your system:

You must ensure all doors and windows are securely closed and any pets or people are excluded from areas protected by movement sensors.



Close Windows



Close Doors



Exclude Pets & People

Leaving the Building

If you are leaving the building, go to Keypad and key in your PIN code, or present your Tag.

Exit tone Starts

The appropriate area (ABCD) keys will illuminate.

(If flexi-set is enabled you will be able to choose which areas you set, see page D2)

Leave by agreed Exit Route

Close and Lock the Final Exit Door

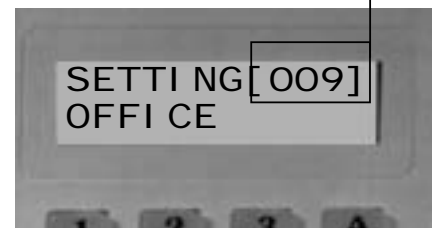
Finally, press the 'Push to Set' button (if fitted) that is mounted externally by the final exit door.

Exit tone will cease

Euro-MERiDIAN is now SET

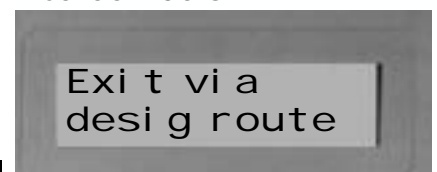


Exit Timer

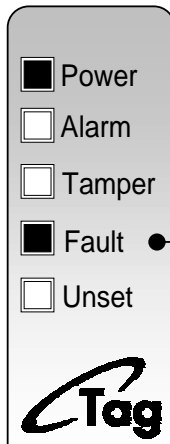


If your exit mode is timed, you will see the above screen.

If you use a Push-to-Set button, or final-door-set, you will see the screen below.



Faults when you Switch On



If when you key in your PIN code (or present your Tag) a warning tone sounds and the **fault** lamp comes on, a message will show the nature of the problem.

If appropriate an **A B C D** key will flash to indicate within which area the fault exists.



The tone will cease after about 10 seconds.

Press the NO key

The system will remain unset, so you can resolve the problem.

For example, you may have left a door open, if so, close the door.

Now commence the setting procedure again.

Faults when Leaving the Building

If when you have closed the final exit door (and pushed the '**Push to Set**' button *if fitted*), the exit tone continues to sound an interrupted tone...

"beep – beep – beep – "

You have probably left a protected door on the exit route open.

Return to the keypad and note the message on the display.

Stop the setting procedure with your PIN code, or Tag.

Close the open door

Now commence the setting procedure again (see B2).



Entering the Building

To enter the building you **must** use the agreed entry route and go straight to the keypad.



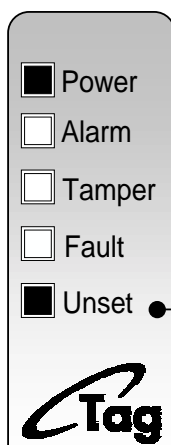
Entry tone will be sounding

"beep – beep – beep –"



Key in your PIN code, or present your Tag.

Entry tone will cease



To indicate that the system has unset, the unset lamp will illuminate for five seconds.

Euro-MERiDIAN is now UNSET

Part-Setting the System

Intelligent Set

If you wish to set *Euro-MERiDIAN* and stay in the building (eg set the alarm at night), the Euro-MERiDIAN's intelligent operating system will realise which level of security you require and will set only part of the system.

You will **NOT** need to press a **Push-to-Set** button if you set only part of a system.



Staying in the Building

Intelligent Set

To Part Set *Euro-MERiDIAN* go to the keypad and enter your PIN code or present your Tag.

The appropriate **A B C D** keys will illuminate

Exit tone will start

Leave the protected area and retire to the un-protected area (eg upstairs).

After a preset time the exit tone will cease.

Euro-MERiDIAN is now Part Set

When
Problems
Arise, Just
Key in your
PIN Code or



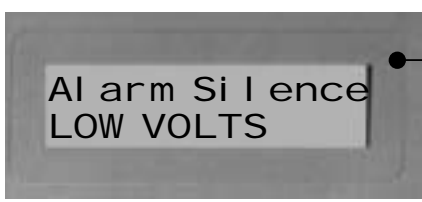
Silencing Alarms



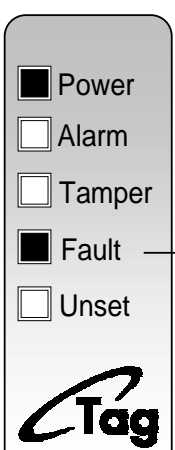
If an Alarm tone sounds:

Just key in your PIN code or Present your Tag.

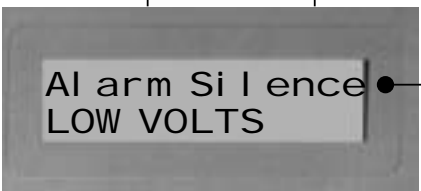
The Alarm will stop sounding



The display will indicate the problem and the appropriate lamp will illuminate.



Press the 'YES' Key



Euro-MERiDIAN will advise you on any action that is needed.

Engineer Reset

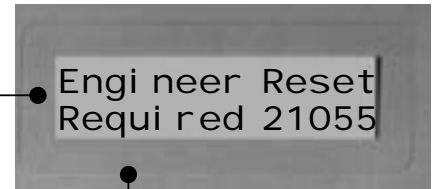
When an alarm has been cancelled a random 5-digit code may be displayed, along with the message:

“RESET REQUIRED”

Normally it is then necessary for an engineer from your installation company, to check the installation and reset the system for further use.

But if you have caused the alarm in error your Alarm Receiving Centre may permit you to reset the system without an engineer present.

You will be required to quote this 5-digit code by telephone (advise them that the system is a Castle Euro-MERiDIAN). You will then be given a special code which will reset the system **for that one occasion only**.



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Setting Individual Areas

The A B C D Keys



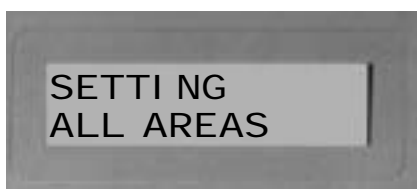
Sometimes your security needs will be a little more complex and you will need to use the **A B C D** keys.

Your Installer can also give names to all four of the **A B C D** areas, so that you can easily identify them.



For example:

A = Reception	<i>or</i>	All Set
B = Warehouse		Bedtime Set
C = Office		Cat in Lounge
D = Storeroom		Dog in Study



In addition, names can be given to the whole system

'ALL AREAS'

These will be displayed when setting the system.

Codes with Flexi-Set

For greater flexibility in setting parts of your system, you can make a choice at the keypad.

Key in your PIN code or present your Tag.

If you do not wish to set all the areas assigned to your code/Tag, simply select the areas you wish to Set by pressing the relevant **A B C D** key(s).

To change your mind, press the relevant **A B C D** key(s) again.

Press the Yes key to accept

Setting areas will now be displayed, with the corresponding area keys being lit.

***Euro-MERiDIAN* will now Set the selected areas.**



Flexi-Set



When *Euro-MERiDIAN* is already set and you wish to unset:

Key in your PIN code or present your **Tag**.

If entry timer has started:

All areas for which the tag or PIN is valid will be Unset. Any areas set for which the code is not valid will remain set, eg if A and B are set:

If an '**A**' tag is presented, only area A will be unset.

If an '**A B**' tag is presented, both A & B will be unset.

An '**A B C**' tag will unset A & B, leaving C unset.

If entry timer is not running:

You will be asked if you wish to set any areas currently not set. Press '**YES**' to do so, or press '**NO**' to unset the system.

If there are NO areas set for which the code is valid, the system will SET as described on page D3.

Note: Your alarm installing company may have programmed keypads to set and unset certain areas only.

More Advanced Functions

The 'Chime' Facility



The 'C' key can be used to select the 'chime' facility while the system is Unset.

For example, you may wish to be alerted if someone enters through a particular door during the day.

Simply press the 'C' key.



The display will show a 'C'

Now if the door opens you will be alerted by the 'chime' tone.



To cancel the 'Chime' function, simply press 'C' again.

*This function
needs enabling
by your installing
company*

Ignoring an open door or Window

In a domestic setting you may wish to ignore a window you have deliberately left open in the summer time.

Enter your PIN code or present your Tag.

The display will ask if you wish to leave the window open.

To omit the window Press 'YES' (or 'NO' if you don't!)

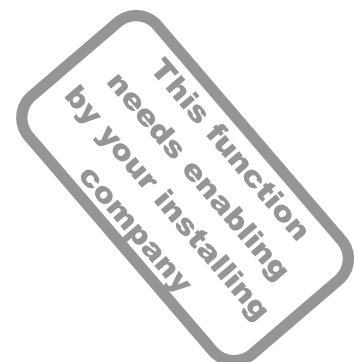


The system will then set as normal.

The window will be omitted for this one arming period only.

NOTE

Only doors or windows already open can be omitted in this way.



Deliberately omitting a zone when leaving the building



At some time you may wish to isolate a detector if a room is occupied.

Enter you PIN code or **Tag**.

While the exit tone is sounding press the **'YES'** key.

When the **'OMIT ZONE'** menu is displayed

Key in the number of the zone you wish to omit and press **'YES'**.

(Always use a leading zero, eg 02 is zone 2. On larger systems 002 is zone 2)

If it has been accepted it will be displayed on the screen.

Repeat for any other zones that need to be omitted.



After 10 seconds Euro-MERiDIAN will begin to set

These zones will be omitted for this one period only.

Keypad Personal Attack

If you ever need to summon personal assistance in an emergency, *Euro-MERiDIAN* allows you to do so.

Simply press the '1' and '7' keys at the same time.

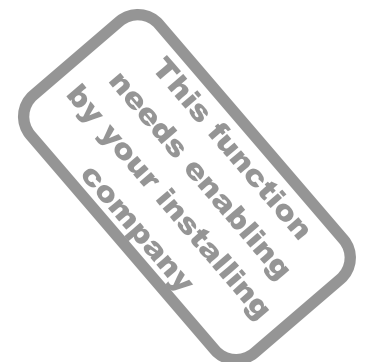


To reset:

Enter you PIN code or present your **Tag**.

Note

This facility is only available if it has been enabled by your alarm installer. It may also send a signal to the Alarm Receiving Centre.



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Manager Menu

To enter Manager Menu,
simply key in your Manager
Code.

Your system must be fully
disarmed to enter the
Manager Menu.

The MASTER Manager Code
can only give access to the
Manager Menu, and will not
Set/Unset the system.

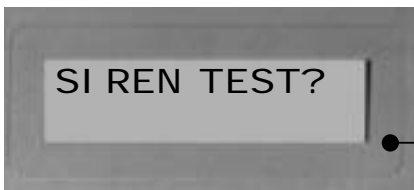
Manager Menu



The manager menu is accessed by keying in your **Manager PIN code**.

You then have a choice of:

- Set System?
- Set Date & Time?
- Omit Zones?
- Change Codes?
- Review Logs?
- Walk Test?
- Siren Test?
- Test CHC Communications?
- Engineer Menu?
- Exit Manager Menu?



Pressing the **'NO'** key will take you from one Menu to the next (as well as **'Escaping'** from within a menu).

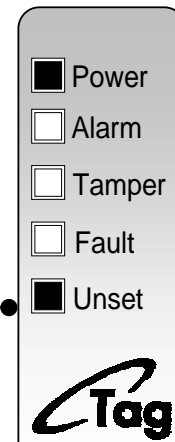
Pressing the **'YES'** key will take you into a menu (as well as **'Accepting'** a choice within a menu).

Manager Menu

With the system Unset

Key in your Manager PIN code.

The '**Unset**' lamp will light.

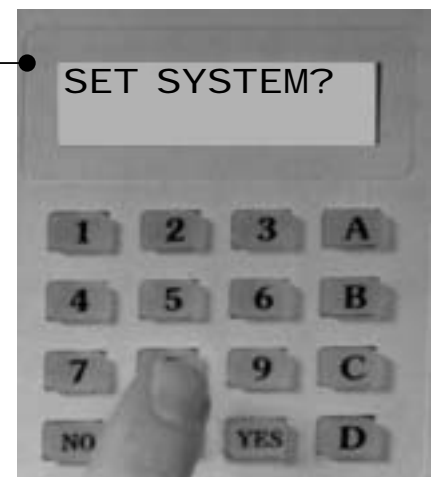


The first Menu choice asks you if you wish to '**Set System?**'

If you wish to set *Euro-MERIDIAN* press '**YES**'. But if you wish to move on to other Manager Menu items press '**NO**'.

Remember '**YES**' will let you make changes within a Menu option.

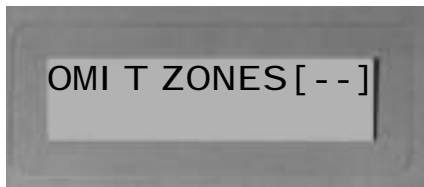
'**NO**' will move you to the next Menu.



Omit Zones

Press 'YES'

(Press 'NO' to move to the next Menu)



Some of your doors may rarely be used. Opening them, even with *Euro-MERiDIAN* Unset, may be designed to cause an alarm. If you need to open these doors you can omit them from the system as shown below.

(Only zones of 'tamper' and 'day alarm' type can be omitted this way, as set up by your alarm installing company).



Enter the zone number you wish to omit.

Press 'YES'



To reinstate zones simply key in the number again.

Press 'YES'

Note

Zones omitted while 'UNSET' will NOT be omitted when you 'SET' the system.

See page E3 for more information on omitting zones.

Changing Date & Time

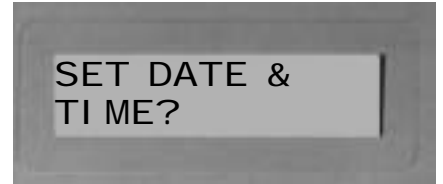
Press '**NO**' to move to next menu.

Press '**YES**'

*(Press '**NO**' to move to the next menu)*

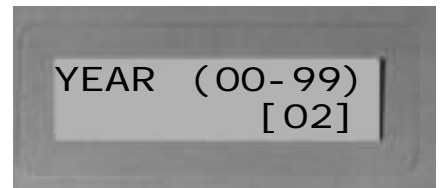
Enter Year (eg 01 = 2001)

Press '**YES**'



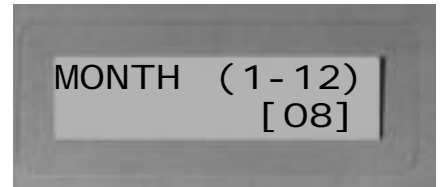
Enter Month

Press '**YES**'



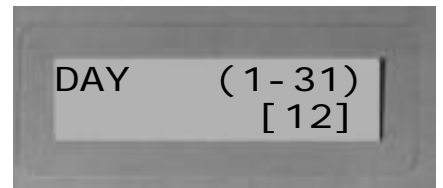
Enter Day

Press '**YES**'



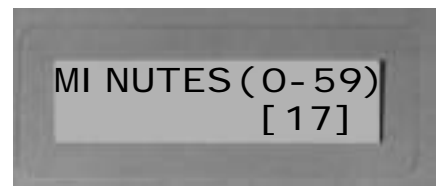
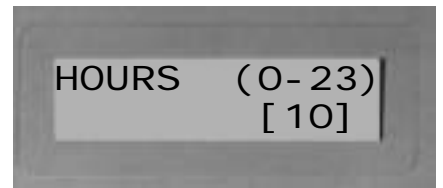
Enter Hours (24 hour clock)

Press '**YES**'



Enter Minutes

Press '**YES**'



To go to the next menu, press '**NO**' again.

Changing or adding PIN Codes/Tags

**A record should be kept as
shown on Page G2**



CHANGE CODES?

Press **'YES'**

(Press 'NO' to move to the next Menu)



Change User
Codes?

Press **'YES'**

*(Press 'NO' to programme the **Master
Manager Code**)*

Turn to the next page to continue
to programme user codes.



Change Master
Manager Code?

Press **'YES'**

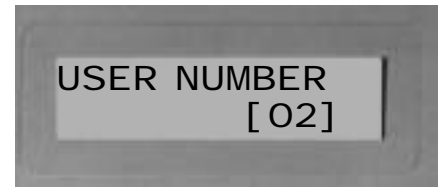
(Press 'NO' to move to the next menu)

The Master Manager Code can only
be changed by the Master
Manager.

Turn to the next page to continue
to programme the Master
Manager Code.

Changing or adding new PIN codes/TAGS

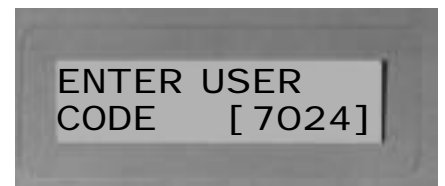
Euro-MERiDIAN identifies each user by a different '**User Number**'. Eg 'John' would be user **01** – 'Jane' would be user **02** etc.



Now key in the '**User Number**' whose PIN code/TAG you wish to add or change.

Press '**YES**'

Key in the new **4,5 or 6 digit PIN code** you require *or present the new Tag*.



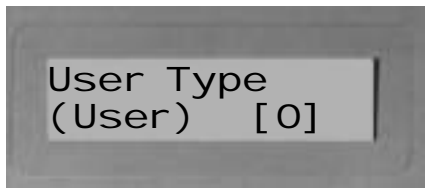
To delete a code or Tag press '**C**'.

Press '**YES**'

Euro-MERiDIAN will **not** allow you to programme in codes that are already in use by the system. You will also not be able to programme in the code 5555.

Changing or adding PIN Codes/Tags

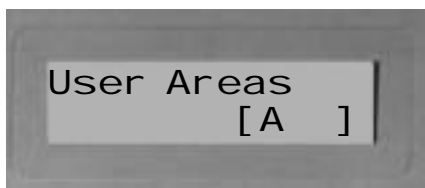
Choose the level of authority the code-holder is allowed.



User – **cannot** access Manager Menu.

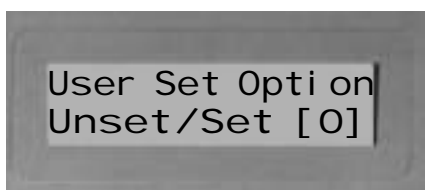
Manager – **can** use Manager Menu.
(Use '**B & D**' keys to make your choice).

Press '**YES**'



Using the **A B C D** keys, choose the areas you wish to be controlled by the code-holder.

Press '**YES**'



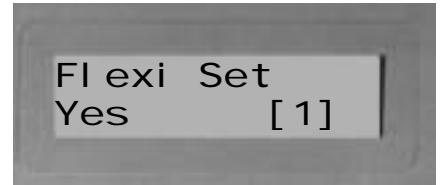
Choose the limits you wish to place on the code-holders actions. Set & Unset, Set only, Unset only, choose 'None' if the Tag in **only** for Access or Ward control.

(Use '**B & D**' keys to make your choice)

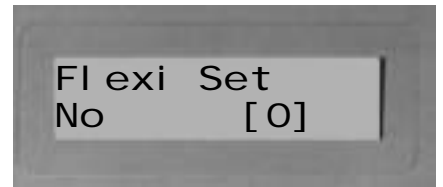
Press '**YES**'

Changing or adding new PIN codes/TAGS

Flexi-Set gives you the opportunity to choose the areas you require to set when you use your PIN code or Tag.



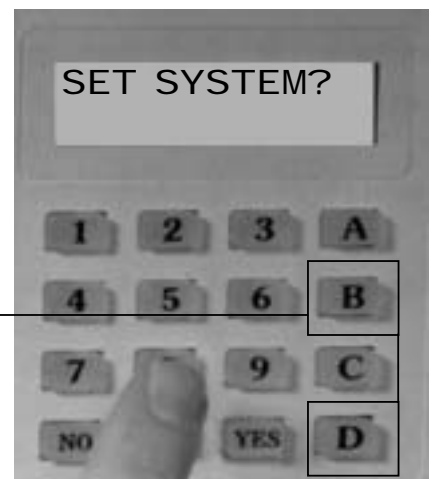
If you do not choose Flexi-Set your Code/Tag will simply set the areas assigned without offering you the opportunity to choose.



For simplicity of use, choose **'NO'**

(Make your choice with the 'B' and 'D' keys)

Press **'YES'**



Changing or adding PIN Codes/Tags

If you do not have Access Control or Wards, go to page F10.



Assign Codes
to Readers

Press **'YES'**


(Press 'NO' to move to next menu)



WARDS ACCESS

To assign a Tag to Access Control Readers, or a Ward Reader

Enter the Reader Numbers required.



WARDS ACCESS[03]
Stores Door

Press **'YES'**

To cancel a code from the list, Key in the number again.

Press **'YES'**

When you have completed the list, press **'NO'** again to go to the next menu.

Changing or adding new PIN Codes/Tags

Using the numeric keys, you can enter a user name, similar to typing a text message on a mobile phone.

The **A B C D** keys on the keypad are used as follows:

abcd

1

mnp

4

Yz+,

7

efgh

2

qrst

5

./01

8

6789

0

ijkl

3

vwxyz

6

2345

9

'A' – capital letters

'B' – moves cursor left

'C' – Clears Character, creates a space

'D' – Cursor moves right

eg to write 'Ben' simply press the

'1' key twice

'A' key for capital

'D' move cursor right

'2' key once

'D' move cursor right

'4' key twice

Press **'Yes'**

When you have finished and wish to go to the next menu, press **'NO'**.

Review History Log



REVI EW LOG?

Press **'YES'**

(Press 'NO' to move to the next menu)



User Log?

Press **'YES'**

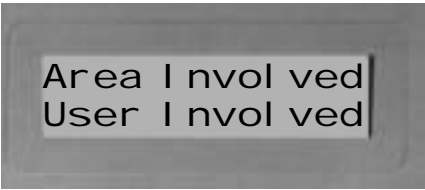
To advance through the logs:



Date & Ti me
EVENT

Press **'D'**

For added information:



Area Involved
User Involved

Press **'C'**

To move backward to previous events:

Press **'B'**

To stop review:

Press **'NO'**

To move to the next menu, press **'NO'** again.

Review History Log

If Access Control Facility is in use, a separate log is available dedicated to events using this function.

Follow the same procedure as described on page F11, but press **'NO'** to choose between **'USER LOG'** and **'ACCESS LOG'**.

Check all detectors are working




WALK TEST?

Press **'YES'**

(Press 'NO' to move to the next Menu)

Choose the area(s) you wish to test by pressing the appropriate ABCD keys.



Wal k Test Zone
Front Door

Press **'YES'**

All detectors waiting to be tested will scroll in the display.

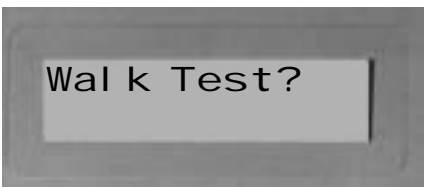
Walk around the building and trigger all of the detectors.

The system will **'chime'** each time a detector responds.



Wal k Test
Compl eted

When all detectors have been activated and are working, the display will show **'Walk Test Completed'**.



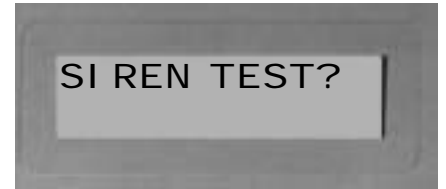
Wal k Test?

To move to the next menu, press **'No'**.

Testing your Alarm Sounders

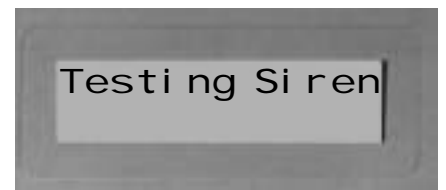
Press **'YES'**

(Press 'NO' to move to the next menu)

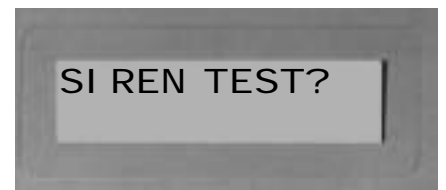


Press **'YES'**

Siren will sound, Strobe will flash



Press **'NO'** to move to next menu.



SMS Messaging System



Your system may have been configured to send messages to a mobile telephone.

If so, the system will call the appropriate messaging bureau and forward the message to your mobile telephone whenever an event occurs that is important to you.

Message calls are charged at the normal network rate current at the time of the call. The fee for routine checking is collected automatically via a premium rate number when the *Euro-MERIDIAN* makes its regular authorisation and routing call to the messaging computer.

Should this call fail, the display will show 'CHC Test Fail' until the next time that the call is made successfully (see next page for making test calls to the CHC). This acts as a reminder that SMS Message signalling *may* not be operational, but will not interfere with this, or any other aspect of the alarm system.

If you wish to change the information sent to your mobile telephone, or the mobile telephone number, please contact your alarm system installation company.

SMS Messaging System

It is recommended that this test is *only* undertaken under the supervision of your alarm installation engineer.

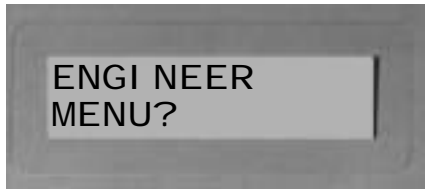
Press '**NO**' to move to the next menu

(Press 'YES' to make the test (under the direction of an alarm engineer), the test call will be via a premium rate number)



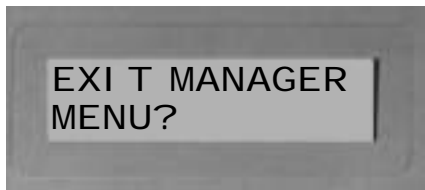
TEST CHC
COMMUNI CATI ONS?

Menu Exit



This menu is reserved for your Service Engineer and cannot be accessed by normal users.

Press '**NO**' to move to next menu.



To exit from Manager Menu and return to normal mode.

Press '**YES**'

If you wish to select any of the Manager Menu items again press the '**NO**' key until your choice is displayed (see *F2*).

Service Information

We are sure that you will be delighted with your *Euro-MERIDIAN* Alarm installation.

For your personal reference here is a record of the relevant service information.

Service Company			
Date of Installation	Day	Month	Year
Site Reference			
24hr Service Number	Tel:		
Keyholders	Name	Tel:	
	Name	Tel:	
Exit Time			
Entry Time			
Manager Code			
Panel Type			
Software Version			
Installed to Grade			

Disclaimer

Euro-MERiDIAN includes the facility to send electronic signals to an Alarm Receiving Centre (ARC), and also to send SMS text messages to mobile 'phones.

Alarm, etc. signals may be transmitted via a PSTN link, using a variety of formats, to suitable receiving equipment located at the premises of an independently operated Alarm Receiving Centre.

The SMS facility uses a PSTN connection to a special SMS Centre, where the information is transferred to the GSM network for delivery to the client's designated mobile telephone(s).

The SMSC services are provided by GSM network operators or other reputable companies, whose operation is outside of the control or influence of Castle Care-Tech Ltd.

Castle Control Panels have an embedded premium rate telephone number that is used to contact a Castle host computer prior to commissioning, in order to download the SMSC details and appropriate call routing authorisation. The control panel will continue to contact this CHC at regular intervals, to verify the operation and update and confirm the routing information and authorisation as appropriate. The charge for this service is raised by the use of the "premium rate" telephone number.

Whilst we will use our best endeavours to resolve any issues relating to these uses of equipment manufactured by us, Castle Care-Tech are in no way responsible for the operation of the PSTN, the Alarm Receiving Centre or the SMSC - or for the end-to-end security and delivery of information and messages involved.