

Welcome to



**Welcome to  
Security and  
Peace of Mind**



## THIS INFORMATION IS FOR USE BY THE INSTALLER ONLY

To simplify operation for the user and to avoid unnecessary confusion, the Meridian User Manual can be made up to include only relevant information.

Remove the pages you do not require from the binder supplied

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Note; The specification of Euro Meridian may change from model to model and some facilities in the manual may not be available. Check with your installer for full details.



# MERIDIAN

A1

## You've Made the Right Choice

Using your Meridian Alarm System just couldn't be easier!

This is the Keypad from where you control your Alarm System.





# MERIDIAN

## The Meridian Keypad



The display gives you any important messages.



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

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

- Power
- Alarm
- Tamper
- Fault
- Unset

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



# MERIDIAN

## Other Setting Points

- Power
- Alarm
- Tamper
- Fault
- Unset




All setting points (Meridian 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.

- Power
- Alarm
- Tamper
- Fault
- Unset




- Power
- Alarm
- Tamper
- Fault
- Unset




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

- Power
- Alarm
- Tamper
- Fault
- Unset



- Power
- Alarm
- Tamper
- Fault
- Unset



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 if Meridian is completely Unset (steady) or if some areas remain Set (flashing)



## Using Tag

Meridian's High Security Proximity Tag can be used to 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.



# MERIDIAN

## Using the Keypad With Your PIN Code or Tag



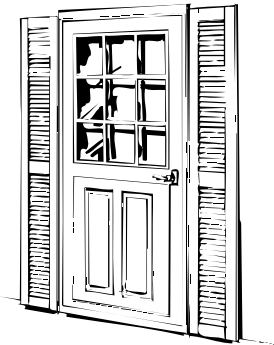


## Security Checks

Before you switch Meridian on  
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 and people



# MERIDIAN

B3



## Leaving the building

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



Exit tone starts.

The appropriate area (ABCD) keys will light.

Leave by the 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.

**Meridian is now SET.**



## Faults when you switch Meridian on

- Power
- Alarm
- Tamper
- Fault
- Unset



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 'ABCD' key will flash to indicate in which area the fault exists.

The tone will cease after about 10 seconds.

Press the 'NO' key

**Meridian will revert to its previous state**, 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 most probably left a protected door on the exit route open.

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

Switch Meridian off with your PIN code, or Tag.



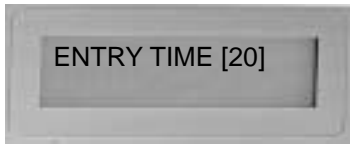
Close the open door

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.

**Meridian is now UNSET.**



# MERIDIAN

B7

## Part - Setting Meridian

For systems  
using  
Intelligent Set



If you wish to set Meridian and stay in the building (eg set the alarm at night)

Meridian's intelligent operating system will realise what you require and set only part of the system.

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



# MERIDIAN

B8

## Staying in the building



To Part Set Meridian go to the Keypad and enter your PIN code or present your Tag.

The appropriate 'ABCD' keys will light

Exit tone will start.

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

After a pre-set time the exit tone will cease.

**Meridian is now Part Set.**



# MERIDIAN

**When  
Problems Arise  
Just Key In Your  
PIN Code**

**or**



**Present  
Your Tag**



# MERIDIAN

C2

## Silencing Alarms



If an Alarm tone sounds

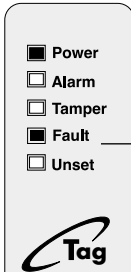
Just key in your PIN code or  
Present your Tag.



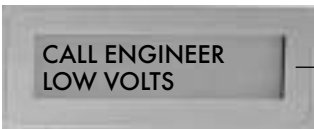
**The Alarm will stop sounding.**



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



Press the 'YES' key.



Meridian will advise you on the  
action to take if needs be.



## Engineer Reset

ENGINEER RESET  
REQUIRED 21055

When Meridian has been reset after an alarm a random 5-digit code may be displayed, along with the message "RESET REQUIRED".

Normally it is then necessary for an engineer, from your installing 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.**



D1

**MERIDIAN**

# Setting Individual Areas



# MERIDIAN

## The A B C D Keys



Sometimes your security needs will be a little more complex and you will need to use Meridian's **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 or 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



# MERIDIAN

D3

## Codes with Flexi-Set

For greater flexibility in setting parts of your Meridian 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.

**Meridian will now set the selected areas**





### When Partially Set

When Meridian has some areas already set and you wish to Set or Unset any areas

Key in your PIN code or present your Tag



### Unset Areas?

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



### Set Areas? (MSX versions only)

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

Press 'YES' to accept **ALL** the areas you wish to Set/Unset.

### Or



Press the relevant **A B C D** key(s) to choose.

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

Press 'YES'

**Meridian will Set or Unset the selected areas**



E 1

# MERIDIAN

## More Advanced Functions



# MERIDIAN

## 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.

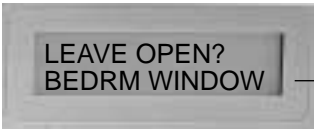


## Ignoring an open door or window

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!)

Meridian will then set as normal.

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

*This function needs enabling by your installing company*

**Note.** Only already open doors or windows 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 your PIN Code or present your 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 e.g. 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 Meridian will begin to Set.**

These zones will be omitted for this one period only.

*This function needs to be enabled by your installation company*



## Keypad Personal Attack

If you ever need to summon personal assistance in an emergency, Meridian allows you to do so.



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

\* This may also send a signal to the Alarm Receiving Centre.

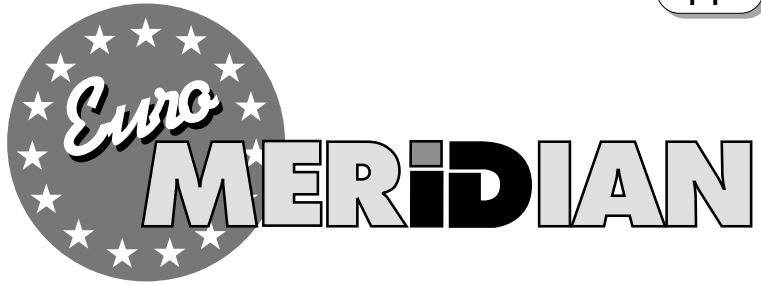


To reset  
Enter your PIN Code or present  
your Tag.



### Note. \*

This facility is only available if your system has 'Remote Signalling' and is enabled by your alarm installer.



# Manager Menu

To enter Manager Menu  
simply key in your Manager Code.

Your system must be fully disarmed  
to enter Manager Menu



## Manager Menu

The Manager Menu is accessed by keying in your **Manager PIN Code**.

You then have a choice of:

Set System?

Omit Zones?

Set Date and Time?

Change Codes?

Review History?

Print History?

Walk Test?

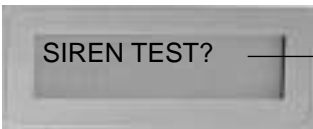
Siren Test?

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

- Power
- Alarm
- Tamper
- Fault
- Unset



The first Menu choice asks you if you wish to **'SET SYSTEM?'**



If you wish to set 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.

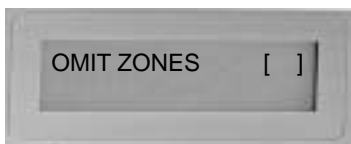
**'NO'** will move you to the next Menu.



## Omitting 24 Hour Protection zones

Press 'YES'

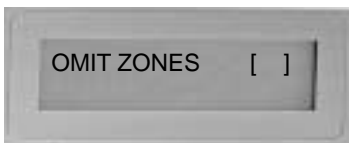
*(Press 'NO' To move to the next Menu)*



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



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.

Press 'NO'

to move to next Menu.



## Changing Date and Time

SET DATE & TIME?

Press **'YES'**

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

YEAR (98-97)  
[ 98 ]

Enter Year eg. (00=2000)

Press **'YES'**

MONTH (1-12)  
[ 08 ]

Enter Month

Press **'YES'**

DAY (1-31)  
[ 12 ]

Enter Day

Press **'YES'**

HOURS (0-23)  
[ 10 ]

Enter Hours

Press **'YES'**

MINUTES (0-59)  
[ 17 ]

Enter Minutes

Press **'YES'**

To go to the next Menu.  
Press **'NO'** again.





## Changing or adding new PIN Codes/Tags

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.

MASTER MANAGER CODE?

Press 'YES'

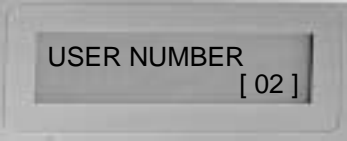
*(Press 'NO' To move to the next Menu).*

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

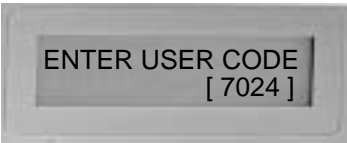


Meridian identifies each of the 20 Users by a different 'User Number'. eg. 'John' would be user 01 - 'Jane' would be user 02 etc.

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.

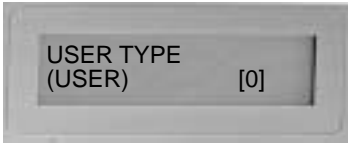


To delete a code or Tag press 'C'.

Press 'YES'



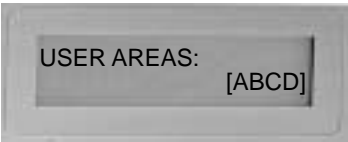
## Changing or adding new PIN Codes/Tags



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

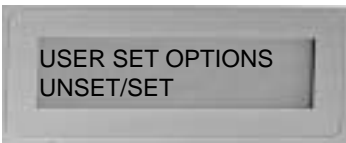
User - **cannot** use Manager Menu  
Manager - **can** use Manager Menu  
(Use 'B & D' keys to make your choice).

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 is **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 new Pin codes/Tags

If you do not have Access Control  
or Wards, go to F12

ASSIGN CODES TO  
READERS?

Press **'YES'**

*(Press 'NO' To move to the 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.



# MERIDIAN

## Changing or adding new PIN Codes/Tags



Where available, using the numeric keys you can enter a user name.

- 1=ABCD    2=EFGH    3=IJKL
- 4=MNOP    5=QRST    6=UVWX
- 7=YZ,-    8= ./01    9= 2345
- 0= 6789

The **ABCD** keys on the keypad are used as follows;

- 'A'= capital
- 'B'= cursor moves left
- 'C'= clears character, creates a space
- 'D'= cursor moves right

e.g. To write in 'lan' simply press the '3' key once  
'A' key for Capital  
'D' key cursor right  
'1' key once  
'D' key cursor right  
'4' key twice

Press **'YES'**

When you have finished and wish to go to the next Menu.

Press **'NO'**

**Review History Log**

REVIEW LOG?

Press 'YES'

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

USER LOG

Press 'YES'

AN EVENT  
DATE AND TIME:

To advance through the Logs.

Press 'YES'

For added information

REVIEW LOG?

Press 'C'

To stop Review.

Press 'NO'

To move to the next Menu,  
press 'NO' again.



## Print History Log

PRINT LOG?

Press 'YES'

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

PRINT LOG  
USER [ 0 ]

Select the Log you wish to print with the 'B' and 'D' keys.

**USER LOG**  
**ACCESS LOG**

Press 'YES'

PRINT ON LINE  
NONE

if you wish to print events as they happen

PRINT ON LINE  
ALL EVENTS

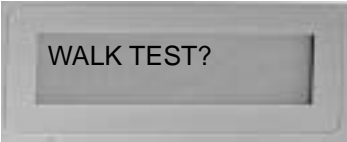
**ALL EVENTS**  
**ACCESS ONLY**  
**NONE**

*(make your choice with the 'B' & 'D' keys)*

Press 'YES'



## Check all detectors are working



Press **'YES'**

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

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



Press **'YES'**

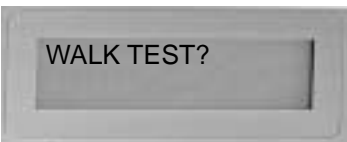
All zones to test will scroll in the display.

Walk around the building and operate all the detectors.

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



When all detectors have been activated and are working, the display will show **'WALK TEST COMPLETED'**.



To move to the next Menu  
Press **'NO'**.



## Testing your Alarm sounders



SIREN TEST?

A rectangular button with a recessed center, containing the text 'SIREN TEST?'.

Press 'YES'

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



TESTING SIREN

A rectangular button with a recessed center, containing the text 'TESTING SIREN'.

Press 'YES'

Siren will sound, Strobe will flash.



SIREN TEST?

A rectangular button with a recessed center, containing the text 'SIREN TEST?'.

Press 'NO'

to move to next Menu.



## Menu exit

ENGINEER MENU?

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

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

EXIT MANAGER MENU?

To exit from Manager Menu and return to normal mode.

Press '**YES**'

If you wish to select any of the Manger Menu items again press the '**NO**' key until your choice is displayed (see F3).



## 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	Mth	Yr
----------------------	-----	-----	----

Site Reference	
----------------	--

24hr Service Number	Tel:
---------------------	------

Keyholders	name	Tel:
------------	------	------

	name	Tel:
--	------	------

Exit Time	
-----------	--

Entry Time	
------------	--

Manager Code	
--------------	--