9600

Microprocessor
Intruder
Alarm
Control
Panel

User Manual

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INTRODUCTION 1

The 9610 Microprocessor Intruder Alarm is a fully programmable system. Your system will have been programmed by your alarm company engineer for the functions and options specified at installation.

Access to the various user functions is divided into two user levels, determined by the access code. Your system will have been handed over to you with the standard default access code of '1234'. This access code has the authority of 'Manager', thereby allowing you to change the default code, to programme the other six available codes and to determine their authority as shown on pages 15 and 16 of this manual.

Manager Codes

Permit the user access to the following system functions:

(a) Arming, disarming and resetting the system (if not programmed for 'Engineer Reset').
(b) Omitting zones (if zones are programmed to be 'Omit Allowed').
(c) Omitting and re-instating 24 hour zones (if zones are programmed to be 'Omit Allowed').
(d) Setting 'Chime' function.
(e) Setting system time and date.
(f) Changing user code authority.
(g) Changing and deleting user codes.
(h) Viewing the event log.
(i) Carrying out all test functions, e.g., Bell Test and Walk Test
(j) Printing the event log.

Operator Codes

Restricts user access to the following system functions:

(a) Arming, disarming and resetting the system (if not programmed for 'Engineer Reset').
(b) Omitting zones (if zones are programmed to be 'Omit Allowed').
(c) Setting the 'Chime' function.
(d) Viewing the event log.
(e) Carrying out all test functions, e.g., Bell Test and Walk Test.

Block Omit Access Code

Allows access to areas within Group 'D'.

(a) Entering the 'Block Omit' code will allow the user access to an area which has been defined as Group 'D'.
(b) Detection within Group 'D' will be disarmed allowing access, while detection on the other groups remain active.
(c) The 'Block Omit' code can be used to disarm and re-arm Group D only when one of the other three groups is armed.
(d) This application could be used if a cleaner requires access to a specific area without disarming the whole system.
(e) The code will not allow a user to perform any function other than arming or disarming Group D.

Holiday Codes
A 'Holiday' access code can be given to a relative or a person looking after the property while you are on holiday. The 'Holiday Code' is programmed by someone with 'Manager' authority. As soon as the 'Holiday' code is programmed, the system must be armed and disarmed using this access code. Whenever a normal user code is entered, e.g., on return from holiday, the 'Holiday' code is automatically deleted from the system.

A 'Holiday' code permits access to the following system functions:

(a) Arming, disarming and resetting the system (if not programmed for 'Engineer Reset').
(b) Setting the Chime function.
(c) Carrying out all system tests, e.g., Bell Test and Walk Test.
(d) Viewing the event log.

Duress Code
This function only applies if your system is fitted with remote signalling. The 'Duress' code is used to transmit a 'Personal Attack' (P.A.) alarm to the central station in the event of the user being required to unset the system under duress. Using the 'Duress' code will unset the system, but will give no visual evidence of the transmission to the central station.

IMPORTANT NOTE: Do not use the 'Duress' code to unset the system, unless under duress, as the transmission of a PA code to the central station will cause the police authority to be called to your premises.

After using the 'Duress' access code, the P.A. trigger to the remote signalling device will be inoperable until the system is reset by an operator or manager code.

Entry Code
An 'Entry' code is a special code used in conjunction with one of the system programmable outputs and programmed by the installer to operate a door release on entering the 'Entry' code. This code does not arm or disarm the system, nor will it allow access to any of the panel functions.

ARMING THE SYSTEM

2

00:01 MON 01 JAN

Key-in valid Access Code

ENTER CODE
****

SET SYSTEM?

Press Yes

SELECT AREA

Key-in group to be set. See Note 1

OMIT ZONES?

Press No

LEAVE AREA

Sounder emits continuous tone

Leave the premises via the prescribed exit route. The alarm system will automatically set on expiry of the exit timer or closing of the final door, or pressing the exit terminate button. (See Notes 3 & 4)

SYSTEM SET

00:01 MON 01 JAN

Note 1
if display shows INVALID CODE YES/ NO press the 'Yes' or 'No' key and re-enter your access code.

Note 2
When selecting groups to be armed, select Group 'A' for Full Set or select group 'B', 'C' or 'D' for Part Set.

Note 3
The zones set when the user selects Group 'B', 'C', or 'D' are programmed by the engineer. (See Page 22)

Note 4
If the system has been programmed for and fitted with an Exit lock, the system will set when the final door has been closed and the lock has been operated. The exit tone will automatically be terminated.

Note 5
If the system has been programmed for 'Instant Set' it will set instantly and silently when the user enters a valid code and there are no faults present. If faults exist, the keypad will emit a single error beep and cycle through any faults for the duration of the programmed exit time and then return to the day state. Check for faults as necessary.

3 ARMING WITH OPEN/FAULTY ZONES

Note 1
if display shows INVALID CODE YES/ NO press the 'Yes' or 'No' key and re-enter your access code.

Note 2
When selecting groups to be armed, select Group 'A' for Full Guard or select group 'B', 'C' or 'D' for Part Set Guard.

Note 3
If a detector is fitted at the control panel, or if the front door is known to be open, you may leave if these faults are shown . The system will set when clear of the detection. If the user is not clear by the time the exit time has expired, an exit fault will occur (Internal sounders), Return to the control panel and reset system with the user code.

00:01 MON 01 JAN

Key-In valid Access Code

ENTER CODE
****

SET SYSTEM?

Press Yes

Key-in group to be set see Note 1

OMIT ZONES?

Press No

Sounder emits intermittent tone. Display will show description of open or faulty zones.

EXIT FAULT ZONE 2

ENTER CODE
****

Key-in Access Code to return system to date and time

SYSTEM UNSET

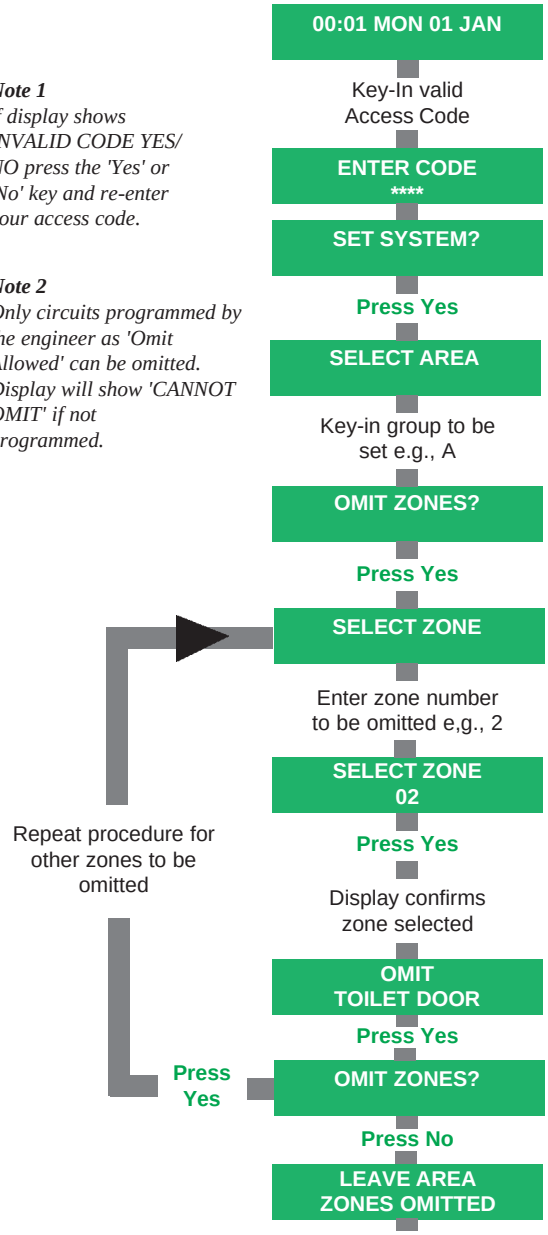
00:01 MON 01 JAN

Investigate cause and repeat setting procedure. If faults will not clear, take note of description and continue on page 5

SETTING WITH CIRCUITS OMITTED

Note 1
if display shows INVALID CODE YES/ NO press the 'Yes' or 'No' key and re-enter your access code.

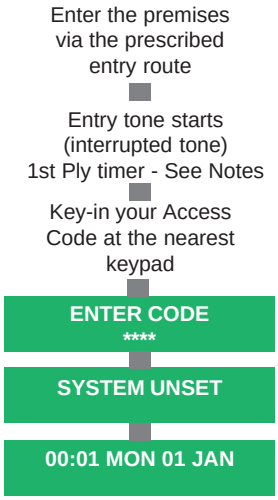
Note 2
Only circuits programmed by the engineer as 'Omit Allowed' can be omitted. Display will show 'CANNOT OMIT' if not programmed.



Leave the premises via the prescribed exit route. The alarm system will automatically set on expiry of the exit timer or closing of final door, or pressing the exit terminate button. (Refer also to Notes 3 & 4 Page 3)

5 DISARMING THE SYSTEM

Note 1
if display shows INVALID CODE YES/ NO press the 'Yes' or 'No' key and re-enter your access code.



Note 2 *(TWO-PLY ENTER TIMER)*
On entering the premises the keypad sounder will emit an interrupted tone for the duration of the programmed entry time. If the user exceeds the programmed entry time, the internal sounder will emit a rapid warning tone for a preset time of 30 seconds. This two stage timer is known as 'Two-Ply'. If the user exceeds the second stage timer, an alarm condition will be initiated.

Note 3 *(System Programmed Abort)*
Should the user accidentally deviate from the prescribed entry route during the First Ply entry time, the system will automatically change from the 'Entry' mode to the 'Abort' mode (if programmed by the installer). The entry timer will change to a second ply fixed timer of 90 seconds along with a rapid warning tone. The user must enter a valid user code during the 90 seconds otherwise an alarm will be initiated. If the user exceeds the entry timer and deviates from the entry route during the second ply timer, a further 60 seconds will be available for the user to enter a valid user code before an alarm is initiated.

Note 4 *(System Programmed Non Abort)*
Should the user accidentally deviate from the prescribed entry route during either of the First or Second Ply timers, an alarm condition will be initiated.

ARMING/DISARMING BLOCK OMIT GROUP D

Disarming Group 'D' Block Omit

Note 1
if display shows INVALID CODE YES/NO press the 'Yes' or 'No' key and re-enter your access code.

Note 2
The 9610 control panel has a special user access code known as 'Block Omit'. By entering this code it allows all the circuits allocated to Group 'D' to be armed or disarmed, while any of the three other groups is armed. The code will only operate providing the system has been armed using another group.

Enter the premises via the prescribed Entry Route

Entry tone starts

Key-in your 'Block Omit Code' at the nearest keypad

ENTER CODE
****

BLOCK OMITTED

00:01 MON 01 JAN

Note 3
Only circuits allocated to Group 'D' are disarmed. If any other detectors not within Group 'D' are violated, a full alarm condition will be initiated.

Rearming Group 'D' Block Omit

00:01 MON 01 JAN
****

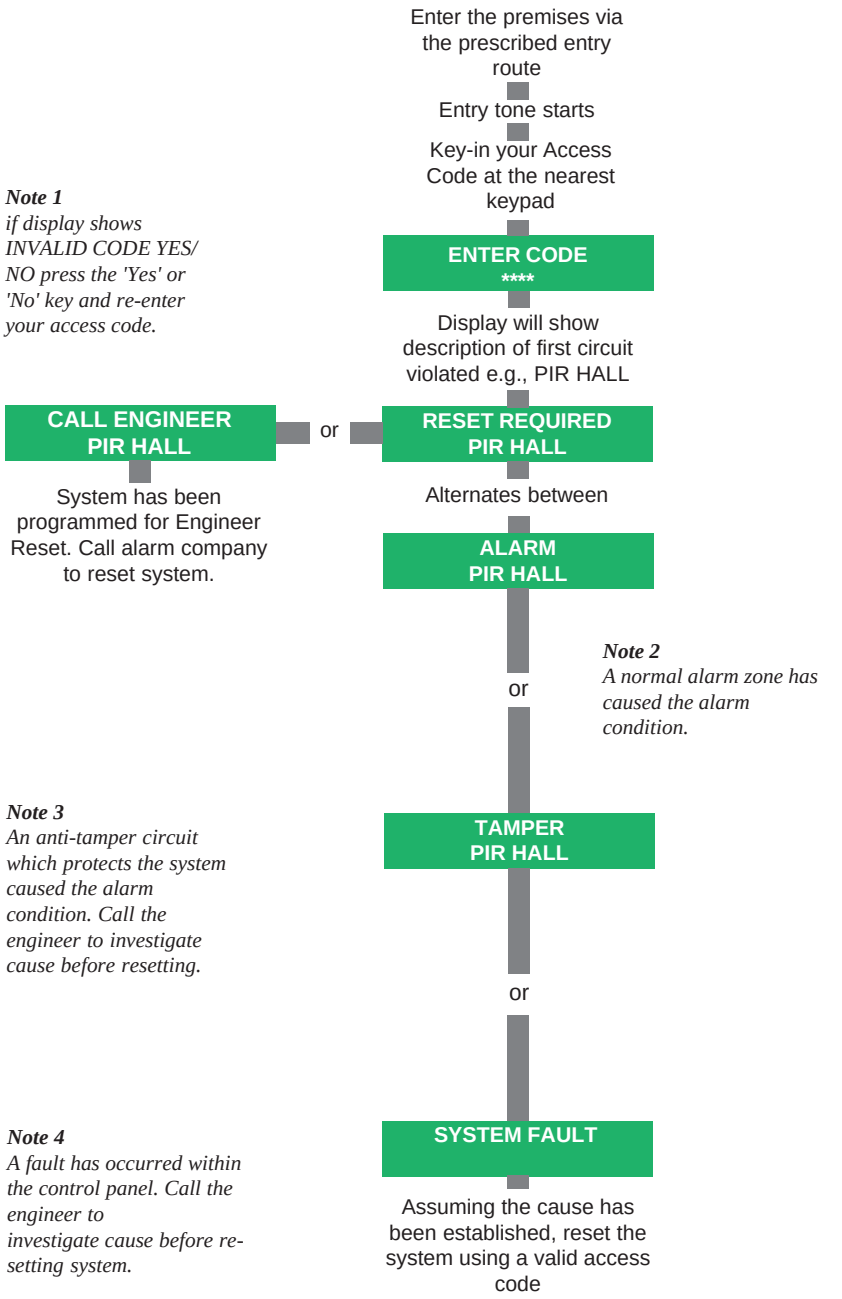
Key-in your Block Omit Code

ENTER CODE
****

LEAVE AREA

Leave the premises via the prescribed exit route. The system will automatically re-arm the circuits in Group 'D' on expiry of the exit timer or closing of the final door, or pressing the exit terminate button.
(Refer also to Notes 3 & 4 Page 3)

7 DISARMING AFTER ALARM CONDITION



Note 1
if display shows INVALID CODE YES/ NO press the 'Yes' or 'No' key and re-enter your access code.

Note 2
A normal alarm zone has caused the alarm condition.

Note 3
An anti-tamper circuit which protects the system caused the alarm condition. Call the engineer to investigate cause before resetting.

Note 4
A fault has occurred within the control panel. Call the engineer to investigate cause before re-setting system.

DAYTIME TAMPER ALARM 8

Note 1
The 9600 system incorporates 24 hour monitoring on all wiring and detection devices. If this circuit is violated it will cause a 'Tamper ' condition, warning the user of any unauthorised interference by operating the internal sounders.

00:01 MON 01 JAN

Internal sounders emit a high level warning tone

Key-in your Access Code at the nearest keypad

ENTER CODE
****

Display will show description of tamper violated e.g., PIR HALL

TAMPER
PIR HALL

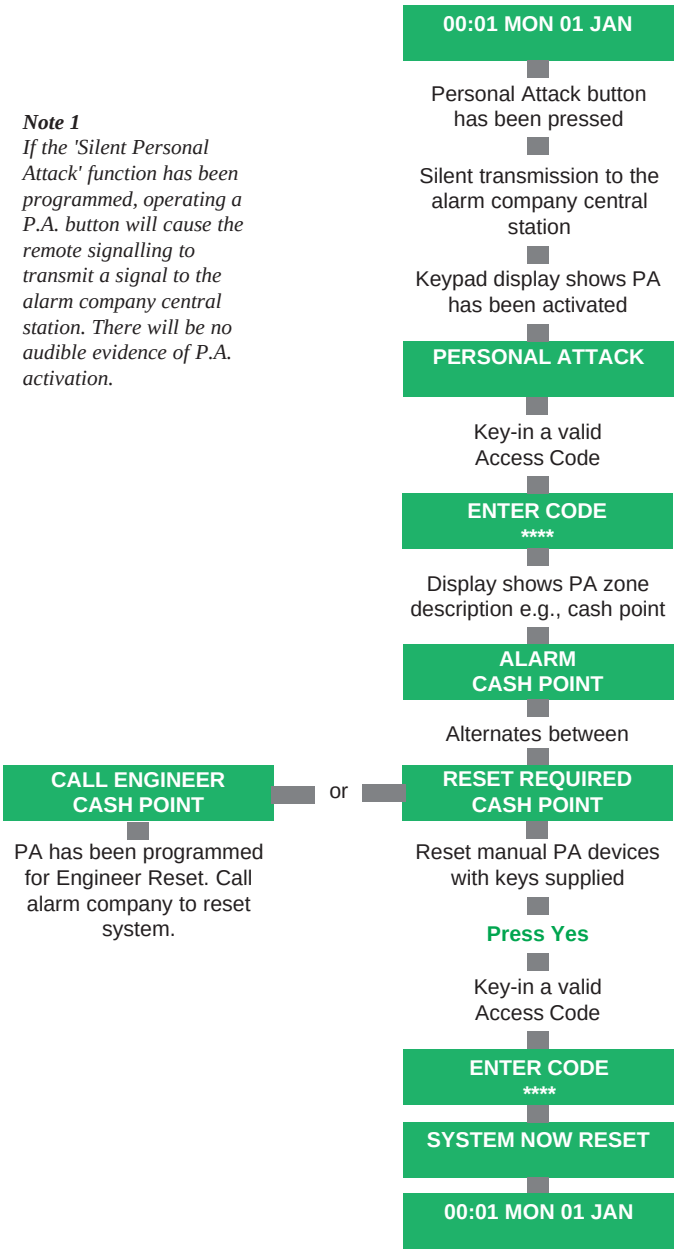
Alternates between

RESET REQUIRED

Call alarm company engineer to repair system

9 SILENT PERSONAL ATTACK ALARM

Note 1
If the 'Silent Personal Attack' function has been programmed, operating a P.A. button will cause the remote signalling to transmit a signal to the alarm company central station. There will be no audible evidence of P.A. activation.



Note 1
If the system has smoke or heat detectors fitted to a zone which has been programmed as Fire and a fire is detected, the following events will occur.

Internal sounder generating a quick two tone warning, the external bell is pulsing and the external strobe is on.

Display will show FIRE zone has been activated e.g., KITCHEN

FIRE
KITCHEN

Evacuate all occupants of the building and call the fire brigade.

If safe to do so. enter valid code to silence alarm

RESET REQUIRED
KITCHEN

Alternates between

ALARM
KITCHEN

To reset system Key-in a valid Access Code

ENTER CODE
****

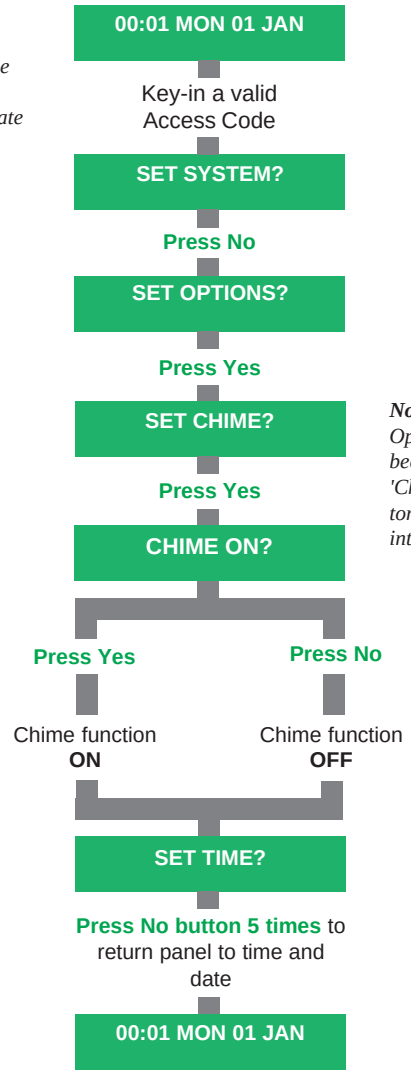
SYSTEM NOW RESET

00:01 MON 01 JAN

Note 2
If the system has remote signalling fitted, a fire code will be transmitted to the alarm company central station. The necessary information may be passed to the nearest fire station. ***In any event, always dial 999 and call the fire brigade****.*

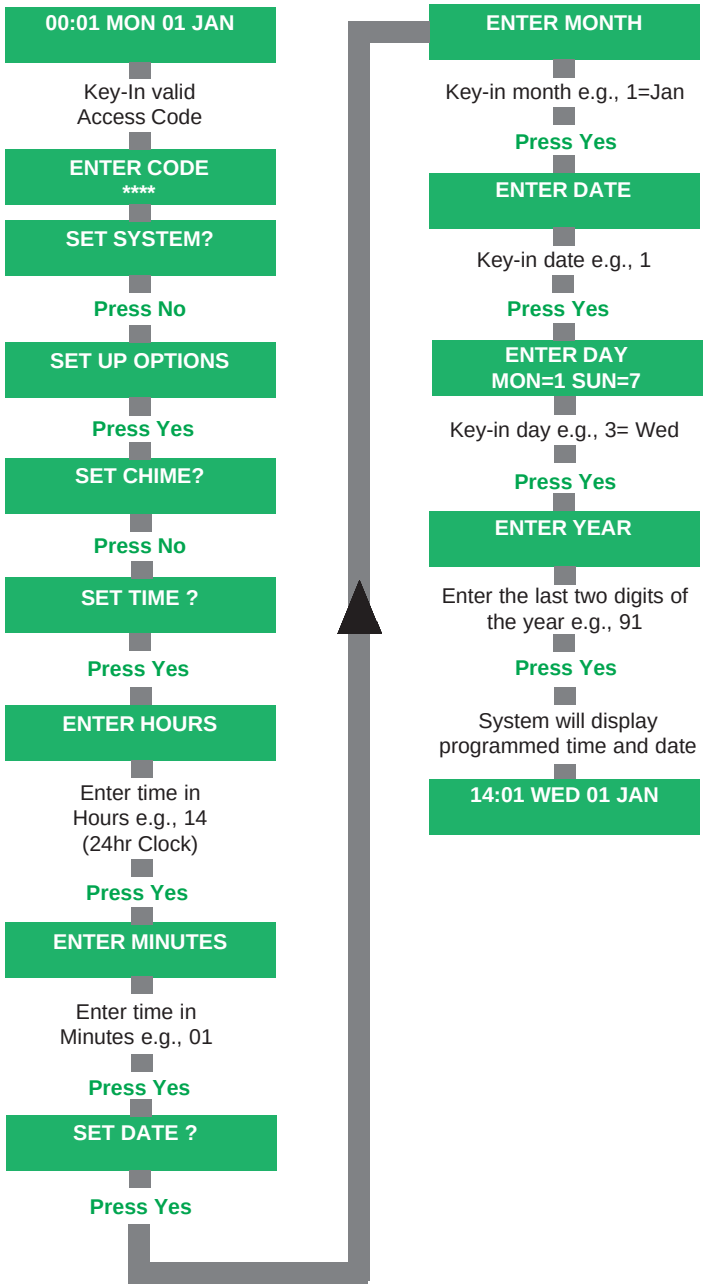
11 CHIME FUNCTION

Note 1
Only zones which have been programmed by the installation engineer as 'Chime' zones will operate this facility.



Note 2
Opening a zone which has been programmed as 'Chime' will cause a bleep tone to be emitted from the internal speaker(s).

MANAGER AUTHORITY ONLY

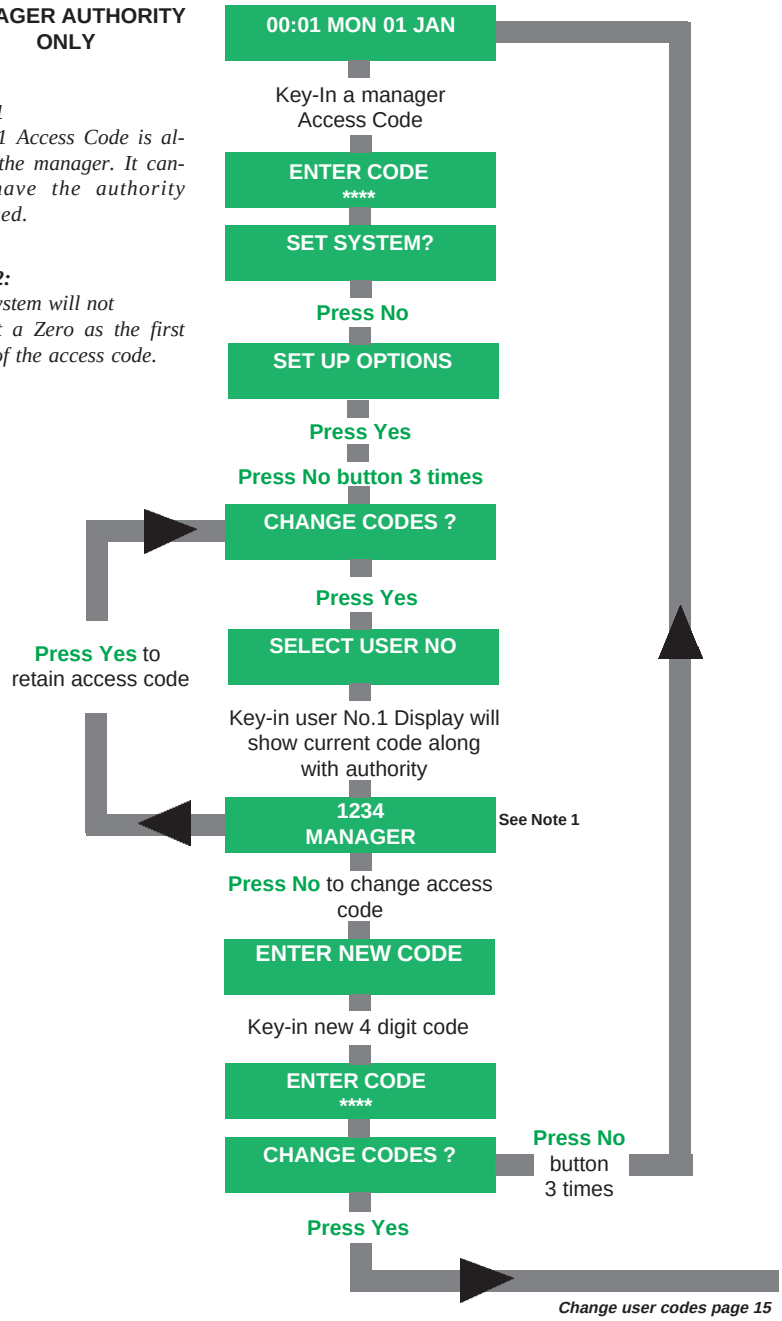


13 CHANGING MANAGER 1 CODE

MANAGER AUTHORITY ONLY

Note 1
User 1 Access Code is always the manager. It cannot have the authority changed.

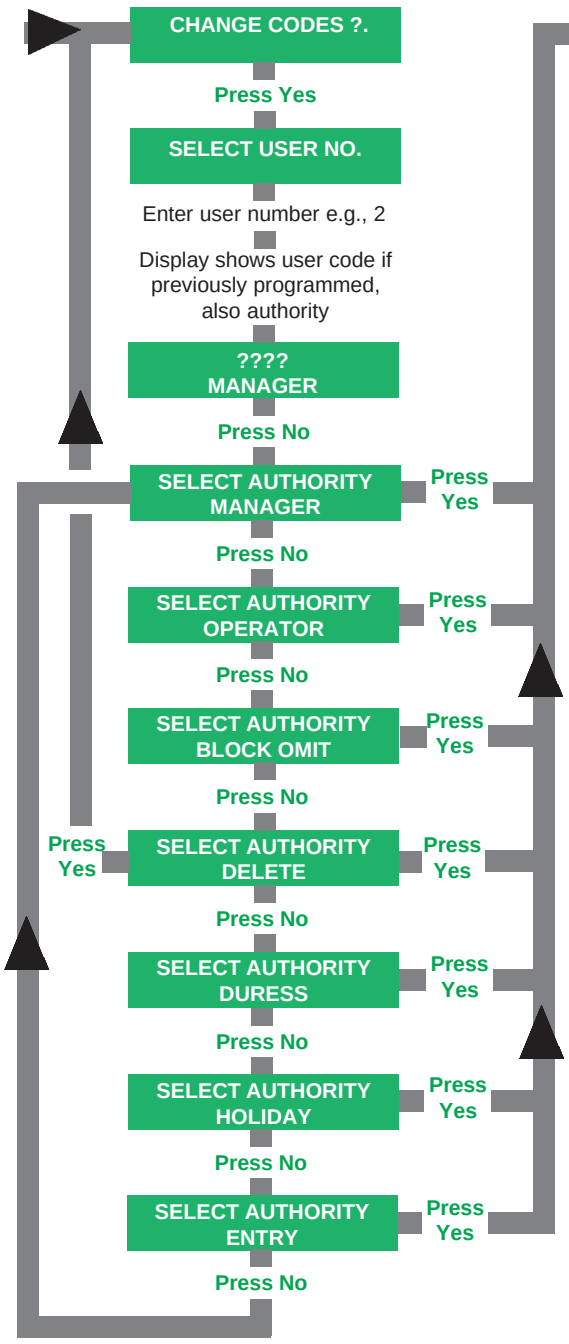
Note 2:
The system will not accept a Zero as the first digit of the access code.



Change user codes page 15

CHANGING USER CODE AUTHORITY

MANAGER AUTHORITY ONLY

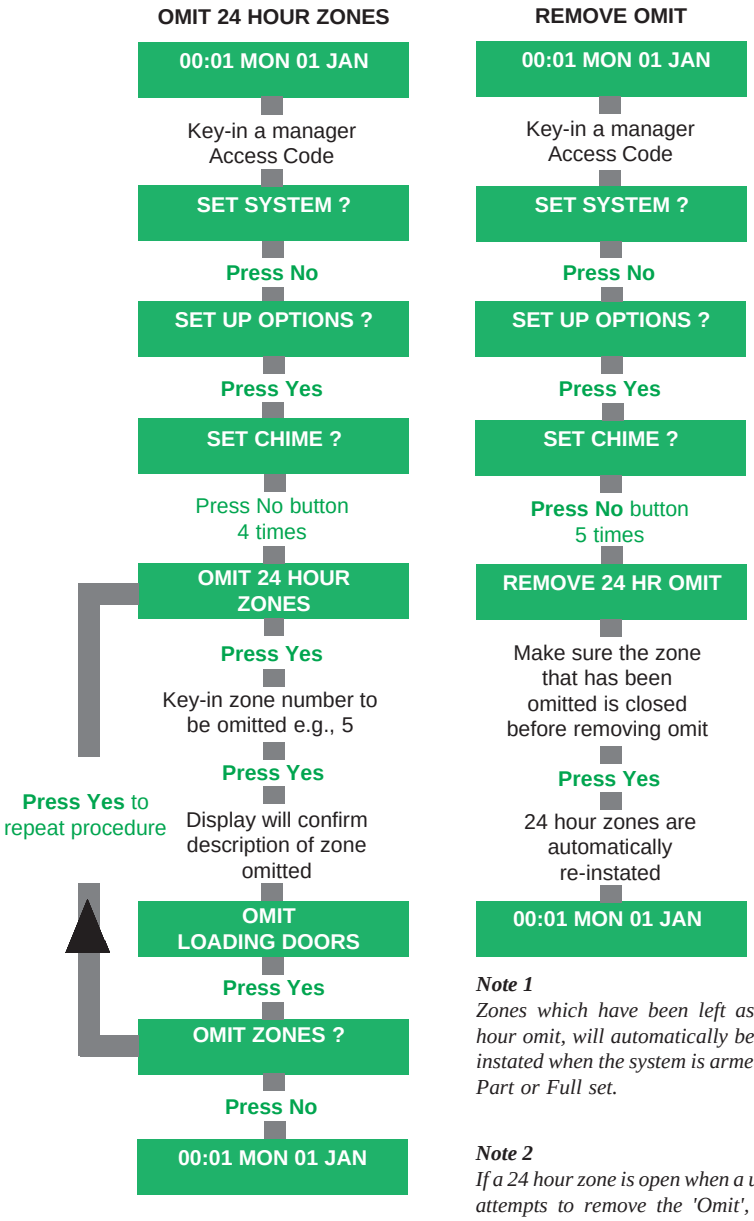


Note 1:
If 'No' is pressed when the display shows 'ENTER NEW CODE' the existing code will be retained.

Note 2:
The system will not accept a Zero as the first digit of the access code.

15 OMIT 24 HOUR ZONES

MANAGER AUTHORITY ONLY



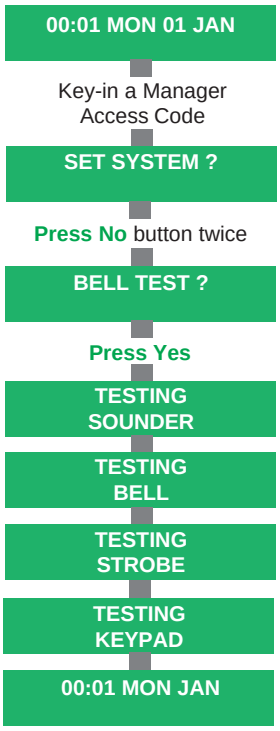
Note 1
Zones which have been left as 24 hour omit, will automatically be re-instated when the system is armed in Part or Full set.

Note 2
If a 24 hour zone is open when a user attempts to remove the 'Omit', the zone will remain omitted..

BELL TEST

Note 1
System will automatically test each warning device for 3 seconds.

Note 2
Pressing the 'No' key during the test, will abort the test.



SYSTEM WALK TEST

Note 1
This test allows you to test your system. ***However, you cannot test any P.A. buttons or 24 hour circuits. If you do test these, an alarm will occur.***

00:01 MON JAN

Key-in Manager Access Code

SET SYSTEM ?

Press No button 3 times

WALK TEST ?

Press Yes

Display will show any circuits which are open

WALK TEST
NO VIOLATIONS

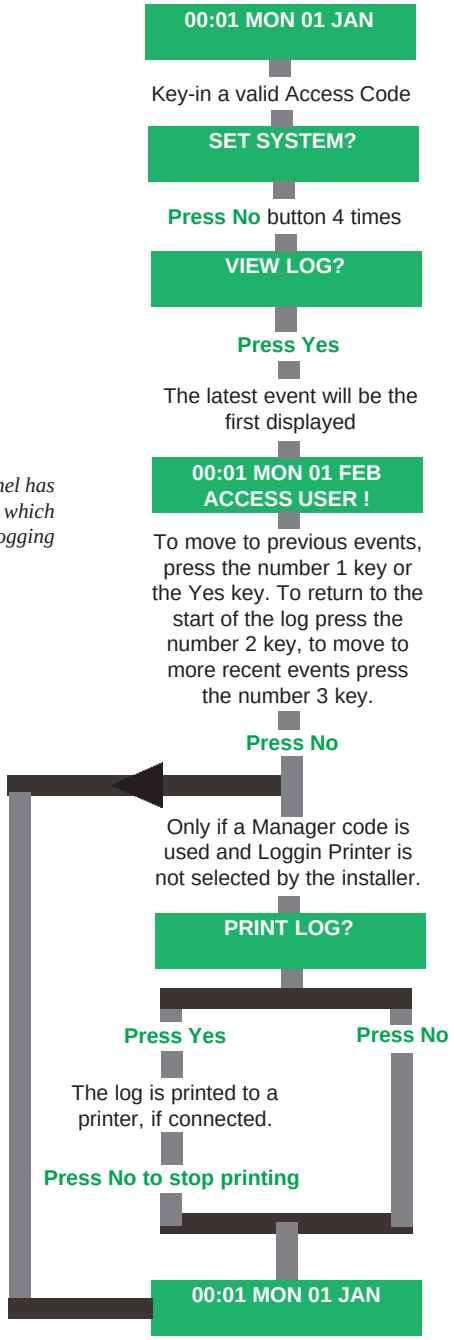
or

WALK TEST
FRONT DOOR

Press No to end Walk Test

00:01 MON 01 JAN

Note 2
When a zone is opened the keypad bleeps and the internal sounder(s) operate. The display will show description of circuits.



Note 1
The control panel has an internal log which is capable of logging 250 events.

Note 2
Afull log contains 128 events and will take approximately 4 minutes to print.

19 DISPLAY MESSAGES

CALL ENGINEER	Call alarm company engineer to check system.
CANNOT RESET	System is unable to reset due to a fault existing. Check as necessary or call engineer.
EXIT FAULT	User has exceeded the programmed exit time or a fault exists with the detection on exit route, check as necessary or call engineer.
FIRE	A smoke or heat detector fitted to the system has been activated.
INVALID CODE	Incorrect user code has been entered, re-try up to 4 times before tamper alarm will occur.
LOW BATTERY	Stand-by battery is low, call alarm company engineer to check system.
MAINS FAILED	240v main supply to control panel lost, check fuse board or spur outlet. Call engineer to check if required.
PERSONAL ATTACK	A personal attack button fitted to the system has been activated.
PRINTER FAULT	The logging printer has been disconnected, de-selected or has run out of paper. Call engineer to check system.
SYSTEM FAULT	Fault within control panel, call engineer to check system.
SYSTEM RESET	System has successfully reset, all wiring and circuits are correct.
TAMPER FAULT	System anti-tamper switch opened or damage to wiring has occured. Call engineer to check system.
TELEPHONE FAILED	Telephone line fault, call alarm company engineer to check system.
ZONE TEST FAILED	A zone which the engineer has programmed for 14 day test has been violated. Call engineer to check system.
24 HOUR ALARM	A zone programmed as 24 hour alarm has been violated, display will show description. Check system as necessary.

AUX POWER FAIL	The load on the AUX 12V supply is excessive and the protecting fuse has been operated. Contact the installing company to investigate.
BATTERY FAILED	The battery has become faulty and will not maintain the system in the event of a power failure. Contact the installing company to investigate.
COMMS FAILED	The system has tried to contact the central station but for some reason has failed.
COMMS LINE FAULT	Log message corresponding to the TELEPHONE FAILED message on the display
COMSS SUCCESSFUL	The central station has successfully acknowledged receipt of a communication.
KEYPAD nn TAMPER	Either the wiring to keypad nn has been cut or the keypad back tamper switch has been opened. If the system is programmed for customer reset then correct the fault and reset the system. If not, contact the installing company.
LOW BATTERY	The battery voltage is at a seriously low level. Mains power must be restored to the system in the near future otherwise the system will fail completely.
SYSTEM INHIBITED	If there are two or more keypads fitted to the system, all keypads except the one in use will display SYSTEM INHIBITED during engineering.
TELEPHONE FAILED	The telephone line has become disconnected or faulty. If possible check the connection to the panel. If the message persists, contact the installing company.
UNIT TAMPER	The circuit connected to the unit tamper terminals has become open circuit. Check the external sounder wiring. If an SAB is not fitted check that TR and 0V are linked.
WATCHDOG FAULT	A mains transient or severe electrostatic discharge has upset the system software. The system has restarted itself and should be functioning normally. If the system is appearing to malfunction or this message frequently appears in the log, contact your installing company.
ZONE TEST FAILED CALL ENGINEER	One or more zones are on 14 day test (soak test). Some of these zones have been violated during the set period and would have caused and alarm. Contact your installing company. The panel will continue to operate correctly.

ZONE	DESCRIPTION	GROUP				OMIT ALLOWED	CHIME
		A	B	C	D		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							

Installed by (Engineer's signature).....

Date Completed.....

ENGINEER RESET.....

BELL DURATION.....

COMMUNICATOR FITTED.....

	GROUP			
	A	B	C	D
EXIT TIME				
ENTRY TIME				

Note: *Group D can be either Part Set or Block Omit depending on the way the system is programmed.*

DATE	ENG	REPORT

22 YOUR SERVICE CONTACT

COMPANY
NAME.....

ADDRESS.....

.....

.....

.....

CONTRACT Nº

Service Telephone Number

Scantronic Ltd. Perivale Industrial Park, Greenford, Middx. UB6 7RJ.England
Tel: 081-991 1133, Telex: 915 810 SCANCO G Fax: 081-997 4448

SCANTRONIC

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