



SmartHome Alarm series

User/Master Manual

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Operation Summary

Arming Modes:

Full Arming:

Control panel- Enter pincode, press "0"

Keypad- Enter pincode, press Full Arm button

Keyfob- Press Full arm button.

Part Arming #1/2/3:

Control panel- Enter pincode, press "1", "2" or "3"

Keypad- Enter pincode, press the associated Part Arm button

Keyfob- Press the associated part arm button.

Lone Occupant mode:

Control panel- When Alarm off, enter pincode, press "4"

Keypad- Enter pincode, press the associated Lone occup. button

Keyfob- Press the associated Lone occupant button.

Disarm:

Control panel- Enter pincode, press ok.

Keypad- Enter pincode, press the Disarm button

Keyfob- Press the Disarm button.

Other functions:

Change your pincode:

User menu-> Change pincode

Contact Engineer

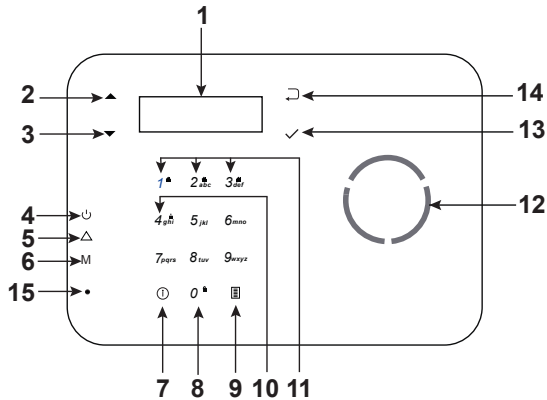
Press & hold up key for 5 sec

Listen to answer machine:

User menu-> Hear Answer MC

View faults:

User menu-> Fault List



Control Panel Keys Overview

1. Backlit LCD Screen

2. Up arrow Key

- Scroll up the selection list.
- Press once to enable the handfree telephone function.

3. Down arrow Key

- Scroll down the selection list.

4. Blue LED

- ON: AC Power is ON.
- Off: AC Power is Off.

5. Red LED

- ON: Fault
- OFF: Normal

6. Yellow LED

- ON: module inserted
- OFF: no module inserted

7. iButton

- Press the iButton to playback voice guidance.

8. Numeric Key 0 (Full Arm Key)

- Used as a numeric key
- Also used to Full Arm the system

9. Engineer/Programming Menu Key

10. Numeric Key 4 (Lone Occupant Key)

- Used as a numeric key
- The shortcut key used to enable the Lone Occupant mode.

11. Numeric Key 1, 2 & 3 (Part Arm# 1, 2 & 3)

- Used as a numeric keys
- Shortcut for Part Arm# 1, 2 & 3 modes.

12. Speaker

13. OK/Enter/Yes Key

- Used to confirm the selection.

14. Return/No Key

- Used to delete entered numbers, cancel the selection and select "No".

15. Microphone

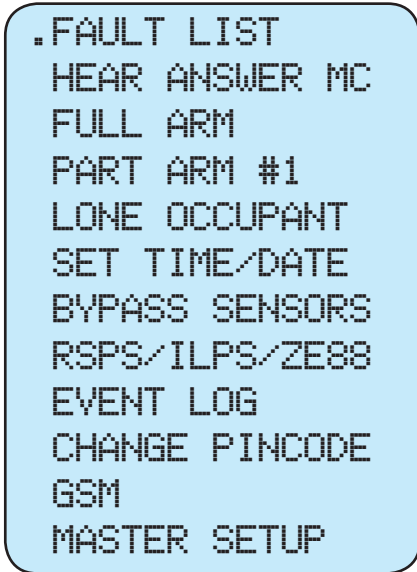
Entering the User Menu

Under the "Alarm off" condition, user can access the user menu via entering a valid user code.

Press any key to wake up the panel's keypad, and proceed to enter the user pincode. when the first numeric key is pressed, the display will show:



Enter the 4 or 6 digit pincodes followed by OK within 30 seconds. The options for the user menu:



2) Selection shown will depends on User attribute setting.

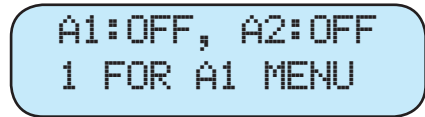
3) Part Arm 2 and 3 will be shown if enabled.

4) RSPS/ILPS/ZE88 and GSM will only be shown if the relevant device exists in the system.

5) If a Master pincode was used, the option Master Setup will be shown.

6) Hear Answer MC (Machine) is only shown if there the Answer Machine is enabled, and there is a message in memory.

7) For system with 2 Areas defined, a user with access to both areas will need to first choose the area specific user menu. Press 1 for Area 1 and 2 for Area 2.



Notes:

1) Fault List is only shown if there is a fault event in the system

Disarming the system

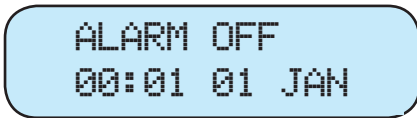
Using the Control panel

Under the "Alarm on" condition (system armed), the user can disarm the system via entering a valid user code.

Press any key to wake up the panel's keypad, and proceed to enter the user pincode.



Press OK to disarm. The following will then be shown:



* Date shown as example

Using the remote Keyfob (ENA-KF)

Press the Disarm button to disarm the system. If your engineer disabled the "KF entry option", you will need to first enter the premises and trigger an entry/delay sensor before you can disarm the system

Using the remote Keypad (ENA-KP)

Enter your pincode and press the disarm button on the keypad to disarm the system.

i button (voice assist)

Should the user require further assistant during system operation, press the i button to playback supplementary information. Press the i button for a second time during playback to stop this function.

Duress code

Under a holdup situation, the user maybe required to arm or disarm the alarm system. In order to avoid aggravating the situation, duress code (can be used for arming and disarming) is provided to silently alert the third party. A duress event will trigger the panel to report Panic Alarm event (Contact ID 121) should it be connected to an alarm monitoring center.

The Duress Code is related to the User pincode #1. The last digit will increment by one. i.e. 1 =2, 2=3, 9=0 etc.

Example:

If the user pincode #1 is 123400, the Duress Code is 12340"0"+1= 123401.

If you set the user pincode # 1 as 1234, the Duress Code is 123"4"+1= 1235.

Special Case for 9 as the last digit:

If you set the user pincode # 1 as 1349, the Duress Code is 134"9"+1 = 1340.

User Menu

Fault List

The fault list allows you to see/delete a list of fault events. A fault event only appears if there is a fault event happening in your system. Upon selecting the option, you will be shown:

START
v

Scroll down to see a list of faults. To clear faults, press return key.

CLEAR FAULT
DISPLAY? (OK?)

Press ok to clear fault. If the fault still persists on the system, the fault will immediately reappear on the list.

Please contact your installer/engineer to rectify the fault.

Hear Answer MC

Note: Only shown if the Answer Machine option is enabled and the control panel is connected to either the GSM/GPRS or PSTN phone line.

When the caller leaves messages on the system, this option will be shown. Once selected, it will inform you if there are more than one recording (max. 20 voice messages).

THERE ARE 02
RECORDS

It will then proceed to playback all the messages starting from the oldest message. Message order and the time/date info will be displayed.

PLAY RECORD 01
11:33 MAY 12

You can stop the playback by pressing the Return key. The system will ask you if you want to delete All the voice messages.

DO YOU ERASE
THE RECORDS?

Press the OK key to confirm deleting or press the Return key to go back to the main menu without deleting.

Full Arm

The Full Arm mode is intended for fully arming the property when there are no occupants. If Area 2 is defined, the system may ask you to choose one of the areas for arming (if the user has access to both areas). To full arm the system:

Keyfob- Press full arm

Keypad- Enter pincode follow by pressing full arm.

Control panel- In Alarm off mode, enter pincode and press ok. Select Full arm and press ok; or press "0" to full arm the system. On the screen it will show:



TIME TO EXIT
30 SEC

When the entry delay time expires, the control panel will emit a long beep. The LCD will display an Alarm On message and the system is now in the full arm mode. If the Final Door option is enabled, the system will immediately arm when the door contact (delay attribute) is closed, i.e. user left the property.

Stop Entry Delay

During the entry countdown, the user can prevent the system from sounding and reporting by:

Keyfob- Press disarm

Keypad- Enter pincode follow by pressing disarm.

Control panel- Enter pincode and press OK.

Stop Exit Delay

During the exit countdown, user can prevent the system from arming by:

Keyfob- Press disarm

Keypad- Enter pincode follow by pressing disarm.

Control panel- Press return key. Enter pincode and press OK.

Extend Exit Delay

During the exit countdown, user can extend the Exit Delay by:

Keyfob- Press full arm

Keypad- Enter pincode follow by pressing full arm.

*Each time this is done, the delay time will start counting from the beginning.

Disarm the system

When the full arm mode is set, you can disarm the system by:

Keyfob- Press disarm

Keypad- Enter pincode follow by pressing disarm.

Control panel- Enter pincode and press OK.

Part Arm 1/2/3

The Part Arm Mode is used when the user wish to secure part of the premise while leaving the another area free to roam. Part arm #2 and #3 will only be shown if they were enabled by installer/engineer.

If Area 2 is defined, the system may ask you to choose one of the areas for arming (if the user have access to both areas). To part arm the system:

Keyfob- Press Part arm

Keypad- Enter pincode follow by pressing Part arm.

Control panel- In Alarm off mode, enter pincode and press ok. Select Part arm 1, 2 or 3 and press ok. Alternatively press "1" for Part arm #1, "2" for Part arm #2, "3" for Part arm #3. On the screen it will show:



TIME TO EXIT
30 SEC

When the entry delay time expires, the control panel will emit a long beep. The LCD will display Part Arm 1/2/3 and the system is now in the part arm mode.

Lone Occupant

The Lone Occupant mode allows a user to deactivate (bypass) any sensors so that it will not trigger the Alarm for one-time only operation.

This feature is ideal when the occupant plans to stay in one area for a prolonged length of time, and they wish to arm all other areas.

Step 1. Select Lone Occupant or just press the shortcut key 4 on the control panel (under the user menu screen). They system will now enter 300 seconds count down.



LONE OCCUPANT
300 SEC

Step 2. Any sensor which is triggered (either by motion or by pressing the test/learn button) during the countdown period will be bypassed. The panel will sound a warning beep every time a sensor is triggered during this countdown period.

Force Arming

Force Arming allows the user to full arm or part arm (lone occupant mode included) the system with a Fault condition present.

Where possible, please rectify the fault before arming. The system will prevent you from arming normally when a fault is present (except device/panel low battery), and the user will need to carry out another step in order to force arm the area. To force arm the system:

Arm the system normally via keyfob, keypad or the control panel. The Control Panel will emit a warning sound to indicate faults and the panel screen will scroll through all the faults one by one.

For keypad and keyfob, arm the system for a second time within 30 seconds of the first attempt. The system is now forced arm.

For control panel, press OK and the system will prompt you for your pincode. Press ok and the following display will be shown:



FORCE ARM
(OK?)

Press OK to confirm. The defined timer starts to Count Down. Please note for Lone occupant mode it will be 300 seconds.



TIME TO EXIT
30 SEC

When the Exit Delay timer expires, the Control Panel will emit a long beep and the system is now in the designated Arm Mode.

Arming with door opened

If the user tries to arm the system while a door contact is opened, the Control Panel will emit a warning sound to indicate faults and the panel screen will display the following screens:



FAULT DSP
10:39 JAN 29



DOOR OPENED
DC Z01

If the door/window is shut immediately, the fault on screen will be cleared and the system will revert to alarm off mode. The system can now be armed normally.

Should you wish to arm the system with the door contact being open, follow the steps described in the Force Arming section for operation.

Arming with Supervisory fault

The Siren, PIR sensor, Door Contact, and Smoke detector will transmit a periodic Supervision signal to the control panel. If the user tries to arm the system while the control panel failed to receive a supervisory signal, the Control Panel will emit a warning sound to indicate faults

Should the user wish to arm the system while ignoring the supervisory fault, follow the steps described in the Force Arming section for operation.

Set Time/Date

This option allows you to set the system time and date. You can also define your local daylight saving hour.

• TIME
DATE
YEAR
DAYLIGHT

Time

Use the Up and down key to define the 24hr time. Press OK to confirm the setting.

Date

Use the Up and down key to define the Month and Day. Press OK to confirm the setting.

Year

Use the Up and down key to define the year. Press OK to confirm the setting.

Daylight

This feature allows the user to define their local daylight saving hour

```
.DISABLE
START MONTH
END MONTH
```

To enable, select the start Month

```
START MONTH
MAR      (OK)
```

Follow by selecting which Sunday it starts.

```
.FIRST SUNDAY
SECOND SUNDAY
THIRD SUNDAY
LAST SUNDAY
```

Select a start time and press ok when finished.

```
.MIDNIGHT
1 0'CLOCK
2 0'CLOCK
```

Please now proceed to set the End month to complete the setting.

Bypass Sensors

As a one-time operation, the user can bypass any learnt sensor so that it is omitted from the system.

Choose from a list of sensors to bypass

```
. PIR  Z01
DC     Z02
DC     Z03
```

```
DC  Z03
BYPASS: (OK?)
```

The selected device will now be marked with an "*".

```
. PIR  Z01
DC     Z02
*DC    Z03
```

This is only valid when the user stays in the user menu and subsequently arm the system. When the user exits the user menu (Alarm Off), all bypass sensors is reset.

RSPS/ILPS/ZE88

Allows the user to manually control (Turn On/Off) their Power switch and ZE88. This option is only shown if there is at least one RSPS, ILPS or ZE88 in the system.

Event Log

System events are recorded in the Event log. User can view up to 300 historic event logs by scrolling down. The Event log cannot be deleted by the user.

Change Pincode

Allows the logged in user to change their own pincode.

ENTER NEW CODE
.....

REPEAT NEW CODE
.....

GSM

This feature is only shown if GSM/GPRS module is available.

GSM SIGNAL
GSM RESET

GSM Signal:

Upon selection, it will display the RSSI value (Signal strength). 0 is the weakest while 9 is the strongest. If there are no network coverage, the screen will display RSSI=Unknown. A weak signal may result in failure to dial out and to receive incoming calls.

GSM Reset:

User can reset the GSM/GPRS module by selecting this function. Press OK and the module will be reset within 32 seconds.

GSM RESETTING
032 SEC

If successful, the following screen will be displayed

GSM RESET
SUCCESSFUL

If failed to reset, the following screen will be displayed

GSM RESET
FAIL !

To exit GSM reset, press return follow by ok to return to the previous menu.

Master Setup

The Master Setup selection is only shown if a Master user (Defined through User attribute) log into the user menu.

.USER SETTING
ENGINEER ACCESS
ALARM CLOCK
PANEL KEY LED
STATUS LED
ANSWER MACHINE
FRONT TAMPER
DESK TAMPER

User Setting

It allows you to set up user code, use-once code and user attributes.

.USER CODE
USE-ONCE CODE
USER ATTRIBUTE

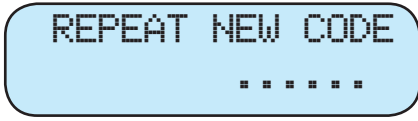
• User Code

It allows you to set up 32 sets of user codes.

.1)....
2)....

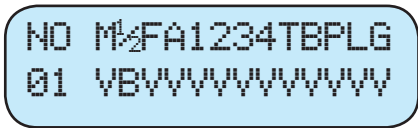
• Use-Once Code

This code can be used to arm and then disarm (or disarm and then arm) the system once. Once used, the code will be automatically erased and needs to be reset for a new temporary user.



• User Attribute

It allows you to set different access rights for each users. Use up and down to navigate between different users (start from 01). Use 1 and 3 to navigate left and right for adjusting attributes. Press OK to browse through attribute options. Press return to exit



* V= enable, space= disable.

M: representing if the user is set to be the Master user control. (default =enable)

1/2 : representing if the user is set to have access to Area 1, Area 2 or both. (3 selections: 1/2/B, default=B)

F: representing if the user is set to have access to Fault List. (default=enable)

A: representing if the user is set to have

access to Full/Away arm the system. (default=enable)

1: representing if the user is set to have access to Part Arm#1. (default=enable)

2: representing if the user is set to have access to Part Arm#2. (default=enable)

3: representing if the user is set to have access to Part Arm#3. (default=enable)

4: representing if the user is set to have access to the Lone Occupant mode. (default=enable)

T: representing if the user is set to have access to Time Setting. (default=enable)

B: representing if the user is set to have access to Bypass. (default=enable)

P: representing if the user is set to have access to On/Off access to RSPS/ILPS and ZE88. (default=enable)

L: representing if the user is set to have access to Event Log. (default=enable)

G: representing if the user is set to have access to GPRS/GSM (only appears when GPRS/GSM module is inserted). (default=enable)

S: representing if the user is limited to follow scheduling. i.e. If schedule 3 is Monday to Friday- 9am to 5pm, by assigning the user to this schedule means that they cannot access the system outside of the schedule hours. (4 selections: 1/2/3/None, default=none)

*This option is only shown if panel is access through PC USB Program.

Engineer Access

Determine whether the alarm engineer can access the system without any users being present.

ENG. CODE ONLY
.ENG.+USER CODE

Eng. Code only:
Engineer can access the Engineer menu without first entering a user code.

Eng.+User code:
Both the user code and the engineer code is required to access the Engineer menu.

Alarm Clock

Once select, the system will display:

. DAILY ALARM
ALARM TONE
ALARM VIA PHONE

Daily Alarm:
Once enable, the user is required to set a time when the alarm clock would ring. If a schedule is defined using the PC software, Schedule option will be shown.

Alarm Tone:
User can select the volume and the sound clip ring tone (10 clips)

Alarm via phone:
You can set the alarm to call a phone number at the designated time. Enter the phone number when prompt.

Panel Key LED

This option controls the panel's key LED backlight.

ALWAYS ON
. TOUCH ON

Always On:
The Panel's Key LED is always on

Touch On (default):
The Panel's key LED only turn on when touch, and will turn off automatically upon inactivity.

Status LED

This option turns on or off the three status LEDs (Power, fault & module) on the panel.

Answer Machine

This option enables or disables the telephone answering machine function.

Front Tamper

The front face plate of the control panel is tamper protected. This option allows the user to enable or disable this tamper function.

Desk Tamper

The control panel has a built in tilt sensor to protect against unauthorised removal (movement). This feature can be enable or disable accordingly.

PSTN and GSM/GPRS Functions

Telephone function

The control panel can be used as a hand free telephone.

Press up button once to enter the handfree telephone mode. Enter a telephone number:



Press OK to dial out. If you have both GSM/GPRS module and PSTN landline connected, you will be asked to choose one for dialing out.

Call Engineer

Your engineer may have preset their phone number on the system for easy access. Press and hold up button for 5 seconds. The pre-set PSTN phone number or GSM/GPRS phone number will be displayed. Nothing will be shown if no numbers set. If both PSTN and GPRS number are set, user will be required to choose one. Press OK to start dialing.

Remote Command

The control panel can be controlled by Remote commands via SMS and PSTN/GSM/GPRS.

Continue next page...

Via SMS

GSM/GPRS module is required to enable SMS remote command. Remember to change the language setting of your mobile phone to English before proceeding.

Please use your mobile to send the SMS Control message. A typical message would look like this:

"Jke_11234_11_00" (_ indicates space).

The message has the following structure:

Example: Jke_11234_11_00		
Jke	=	SMS Kword (User define)
_	=	Space
1	=	Area 1
1234	=	User pincode
_	=	Space
11	=	Command (Full arm)
_	=	Space
00	=	Confirm message

Notes:

1) Confirm message "00" will cause the control panel to reply a SMS confirmation message. Using the example above, the confirm message will have the structure of "Confirmation, (SMS Kword) (Pincode) (Command) 00". Using example from above, the confirmation message will be "Confirm, Jke 11234 11 00".

2) If you do not wish to receive confirmation SMS from the control panel, please skip the "00" at the end when sending remote command. For example, "Jke_11234_11"

3) If Area 2 had not been enabled, please skip the digit in front of the user pincode. For example, "Jke_1234_11_00"

4) For a full list of available commands, please see the SMS Command Table:

Command	Action
10	Disarm
11	Full Arm
510	1st Power Switch Close
520	2nd Power Switch Close
530	3rd Power Switch Close
540	4th Power Switch Close
550	5th Power Switch Close
560	6th Power Switch Close
570	7th Power Switch Close
580	8th Power Switch Close
51100	1st Power Switch Open
52100	2nd Power Switch Open
53100	3rd Power Switch Open
54100	4th Power Switch Open
55100	5th Power Switch Open
56100	6th Power Switch Open
57100	7th Power Switch Open
58100	8th Power Switch Open

Via PSTN/GSM/GPRS

51101 ~51199	1st Power Switch Open for 1 Hour to 99 Hours
52101 ~52199	2nd Power Switch Open for 1 Hour to 99 Hours
53101 ~53199	3rd Power Switch Open for 1 Hour to 99 Hours
54101 ~54199	4th Power Switch Open for 1 Hour to 99 Hours
55101 ~55199	5th Power Switch Open for 1 Hour to 99 Hours
56101 ~56199	6th Power Switch Open for 1 Hour to 99 Hours
57101 ~57199	7th Power Switch Open for 1 Hour to 99 Hours
58101 ~58199	8th Power Switch Open for 1 Hour to 99 Hours

User can issue remote commands to the control panel via voice calling (Either through PSTN or GSM/GPRS phone line). To enable this function, the Answer machine must first be enabled under the Master setup menu.

- 1) Use a telephone/mobile phone to call the control panel's number.
- 2) Wait until the panel picks up the call.
- 3) You will need to enter the pincode then "#" (example: 123400#) BEFORE the answer machine voice prompt playback finishes.

Notes:

5 digits command format (from 51100 to 58199)

- 4) It will now prompt you to enter 0 to 9.

C	C	C	D	D
Power switch ID			On duration	

CCC = The ID of the Power Switch. For example 511 is the 1st Power Switch, 521 is the 2nd Power Switch etc.

DD= Power switch On Duration. 00 means always on, 01 will turn on for one hour, 99 will turn the power switch on for 99 hours.

Example:

54115 means the 4th power switch will turn on for 15 hours. After 15 hours it will turn off automatically.

Command list:

0= Full Arm
1= Part Arm 1
2= Part Arm 2
3= Part Arm 3
4= Lone Occupant mode
5= Disarm the system
6= Playback System status
7= listen in or turn on/off siren
8= Remotely activate RSPS/ILPS/ZE88
9= Set alarm clock

* If you select 7, you will be further prompted to select one of three options:

- 1= Start two way voice communication
- 2= Turn On/Off the External siren
- 3= Turn On/Off the Control panel siren

Rec. Voice message

If the answer machine is enabled, the panel will pick up unanswered call and playback a voice prompt.

The caller can record a short voice message (maximum 1 minute) after the voice prompt.

The maximum number of messages is 20, and once it is full the oldest message will be deleted and replace with new recording.

Alarm reporting

After the occurrence of an alarm event, the system will report the event through PSTN and GSMP/GPRS phone line if available.

The reporting sequence:

- 1) SMS reporting for ARC
- 2) Digital reporting for ARC (Contact ID)
- 3) SMS reporting to user's phone
- 4) Voice reporting to user's phone

2 Year Instruction Statement:

This product is guaranteed for consumers against faulty workmanship, materials and function for a period of 2 years from the date of purchase providing the full installation and maintenance instructions are followed. Please keep your proof of purchase safe, this must be submitted when making a claim under this guarantee.

Please note that it is a condition of this guarantee that your Yale product:

- Has been correctly installed and maintained in accordance with the Yale installation and maintenance instructions provided to you at the time of purchase.
- Has not been modified or damaged in any way.
- Has not been subjected to unauthorized repairs.

Yale are responsible under this guarantee for repairing the product or replacing the product as we deem necessary. If there is fault with the product, please contact Customer Services on 01902 364647, who will give you the name of an expert and confirm what you need to do to make a claim under this guarantee.

Please do not carry out any repairs without our authority or by using an unauthorised expert. Any repairs or other works carried out without our authorization or by using an unauthorized expert will not be covered under this guarantee.

This guarantee is non transferrable and applies to products purchased in the United Kingdom only. This guarantee does not apply to normal wear and tear. This does not affect your statutory rights. A full copy of the product instructions are available upon request or by visiting our website www.yale.co.uk.



WEEE

Note: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



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