STERLING™ 10

USER GUIDE

Rins137 Issue 6

---

8 ZONE PROGRAMMING STATUS LABEL

	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7	ZONE 8
ROOM								
SET A								
SET B								
SET C								
SET D								

STATUS KEY:

E = ENTRY / EXIT
A = ACCESS
t = TAMPER
I = IMMEDIATE
o = OMITTED
H = 24HOUR
F = FIRE
y = MOMENTARY KEYSWITCH
d = LATCH KEYSWITCH

ENTRY/EXIT TIME [ ] SECS

SERVICE TIMER SET [ ]

BELL OUTPUT   SAB [ ]   SCB [ ]

COMMS DELAY [ ] SECS

BELL TIME [ ] MINS

BELL DELAY [ ] MINS

PIR LEDs   ENABLED [ ]   DISABLED [ ]

ENGINEER

INSTALLATION CO

INSTALLATION DATE

SERVICE DUE DATE

WELCOME

Thank you for buying the *Sterling 10*. The Sterling panel uses the latest technology in design and manufacture.
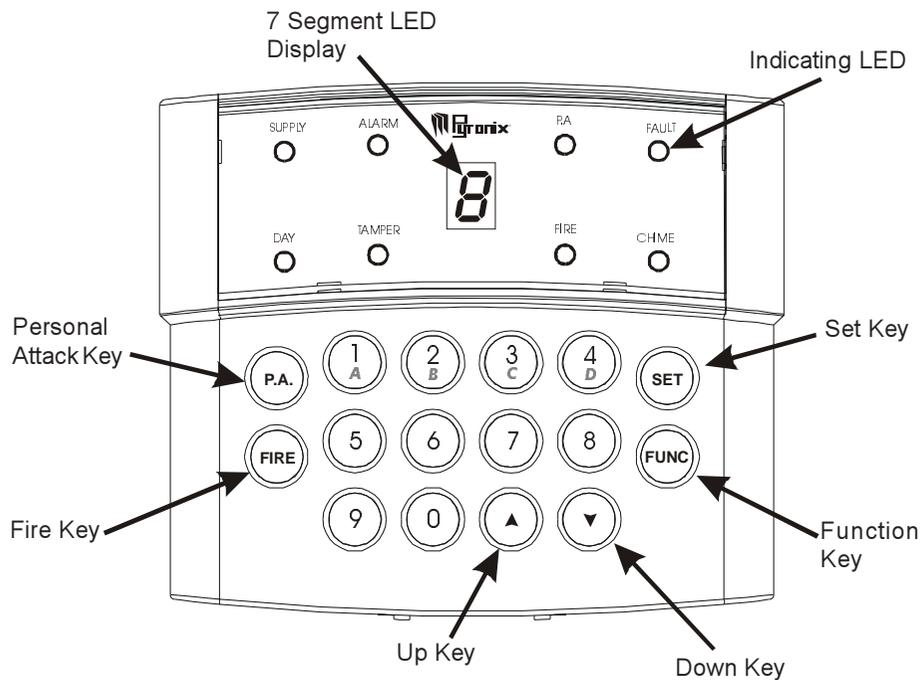
As the end user of the Sterling this manual is written to help you use the functions of your alarm system enabling you to get the best out of your system. Once you are familiar with the panel and its functions it is advisable to change the factory set 'Master and Limited User' codes.

NOTE: The fire zone is intended as an extra feature to the alarm system and must not be regarded as a total fire protection system.

There are two levels of user access to the system:

The **Master Code (Code 1),** access to all user functions and programming features.

The **Limited User Codes (Codes 2 to 7)** - 6 codes, allow setting / unsetting of the panel, enabling and disabling of the door chime and viewing of the event log only.

7 Segment LED Display

Indicating LED

Personal Attack Key

Set Key

Fire Key

Function Key

Up Key

Down Key

System Faults

There are 4 fault codes which may be displayed automatically if detected by the Sterling 10. The user is informed of any fault via the fault LED, and an error tone will be emitted every 5 seconds when the panel is in day mode, press the (FUNC) key to stop the error tone, the fault LED will remain on until the fault has been corrected.

To determine the fault go into the event log by entering (FUNC)(2). A $\square$ symbol followed by *1 - 4* will be displayed.

- *1*   Bell Fuse Fail
- *2*   Auxiliary Fuse Fail
- *3*   Telephone Line Fail
- *4*   Mains (AC) Fail

AC Mains Loss

If the AC Mains fails and there is no power to the system (Only battery power) an LED light will flash with a fault tone, every 5 secs.
Panel will automatically run off backup battery when there is a mains fail.

To reset the panel press (FUNC)

Test mode

Enter (FUNC) (5)

This function performs a number of tests which are listed below. The next test is selected by pressing any numeric key.

Test   1)   All LEDs are switched on except the fault LED.
2)   The strobe is switched on.
3)   The bell is switched on.
4)   The internal sounder is switched on.

To exit test mode press the (FUNC) key again.

Walk Test Mode

Enter (FUNC) (6) followed by (X)(X)(X)(X) the master code and the set option, either (SET)(A) - (B) - (C) or (D) .

When the walk test mode is enabled the 'chime' LED will flash. If the panel is then set each active zone will cause a chime when triggered. This enables all the zone configurations to be walk tested individually. The walk test mode is cleared when the panel is unset.
The numbers of any activated zones will be entered into the event log. Zones programmed as Keyswitch zones when activated in walk test will not be entered in the event log.

Changing Master and Limited User Codes

Master Code

Enter (FUNC) (4) followed by (X)(X)(X)(X) Master User Code (factory set at 1 2 3 4)

Enter (1)

Enter the new code twice, three tones will be heard on acceptance of each command, a single low tone indicates programming not accepted.

Master code cannot be deleted.

Limited User Code

Enter (FUNC) (4) followed by (X)(X)(X)(X) Master User Code (factory set at 1 2 3 4)

Enter (2) to (7)

Enter the new code twice, three tones will be heard on acceptance of each command, a single low tone indicates programming not accepted.

To delete a user code press the (▲) key after (2) to (7) is entered.

MASTER AND LIMITED USER FUNCTIONS

Setting The Panel

Enter (X)(X)(X)(X) (User Code) (SET) and then (A)(B)(C) or (D) for set required.
Refer to the Zone Programming Status Label to see how each Set was configured by the installation engineer.

Setting the Panel when Mains Fails

Under normal operation the panel will indicate a fault condition if the AC supply is disconnected. It will still be possible to Set and Unset the control panel during a mains fail if allowed by the engineer, and no further action is required.
Full functionality of the control panel is available during mains fail.

Silent Setting The Panel

Enter (SET) and then (A)(B)(C) or (D) for set required.
A dual tone will be heard on acceptance of the command and another dual tone will be heard when the panel is set.

Push To Set

Set the panel in any of the above methods, the panel will count down but will not set until the PTS button is pressed.

Final Door Set

Set the panel in any of the above methods, the panel will count down but will not set until the final exit door is opened then closed.

Omitting One or More Zones

If any zones are triggered whilst in exit mode a low pitched error tone will be heard, any faulty zones will be displayed in the seven segment display. First check for any obvious reason for these zones to have been activated.
This may simply be due to a monitored door or window being left open or a pet being left in a protected area. If the fault cannot be rectified it is possible to omit faulty zones but this should only be used as a last resort if the building is to be left unoccupied.

Example: Set panel,
then: If no error tone heard, exit via normal route.
or: If error tone heard:

Enter: (FUNC) (0)
then; number(s) of zones to be omitted (1 to 8)

then: (FUNC) Entry / Exit timer will start again.
then: exit building by normal route.

Unsetting The Panel

The panel may be unset by entering the building via the entry/exit route and then entering either the Master Code or any of the Limited User Codes.

Enter (X)(X)(X)(X) (User Code)

Reset After Alarm Condition

Enter (X)(X)(X)(X) User code to stop alarm

Enter (X)(X)(X)(X) User code to reset teh system

If the panel will not reset then your installer has enabled engineer or anti code reset, please contact your installation company.

Duress Set/Unset

Enter (X)(X)(X)(X) (User Code) Reverse the last two digits of the code.
The panel will then appear normal but a Duress Code will be sent to the Central Receiving Station.

Personal Attack Alarm (PA)

To Activate the Personal Attack Alarm Enter (FUNC)(P.A.) Enter a user code to cancel.

Fire Alarm

To Activate the Fire Alarm Enter (FUNC)(FIRE) Enter a user code to cancel.

Turning Chime On and Off   (Panel must be in 'day' mode)

Enter (FUNC)(1) The status of the chime facility is indicated by the 'chime' LED on the front of the control panel. When the chime mode is selected a two tone chime will be produced by the internal sounder and any extension speakers when an Entry / Exit zone is activated. The same key sequence may be used to turn off the chime facility.

Reading The Event Log

Panel must be in 'day' mode

Enter (FUNC)(2) The 'day' led will flash and the most recent event stored in the log will be displayed.

If the up arrow key (▲) is pressed the previous log entry will be displayed. Similarly if the down arrow key (▼) is pressed the next most recent entry will be displayed. The event log may be scrolled backwards and forwards using the up and down arrow keys to allow the last 100 events to be viewed.

To leave this function press the (FUNC) key.
An error tone will be produced if an attempt is made to scroll outside either end of the event memory log.
Refer to the table opposite for the symbols stored in the event log and their meanings.

Symbol	Meaning
l to 8	Activation of a programmable zone.
9	Keyswitch Activation
o	This shows that a zone was omitted and refers to the number which precedes it in the log.
t	Keypress tamper - Four attempts cause a tamper fault.
P	Keypad Personal attack activation.
E	Engineer Code Entered.
F	Keypad Fire alarm activation.
A	Set A
b	Set B
C	Set C
d	Set D
U	Unset
$\underline{o}$	System Fault

MASTER USER ONLY FUNCTIONS

Event Log Reset

Enter: (FUNC)(3)
This feature will only operate if, whilst programming, the engineer selected the feature allowing the Master User to clear the event log.