ARROWE *593*

User Instructions

ARROWE *593*

Contents

User Information

Customer Name:-

Customer Address:-

Details

No of Keypads

Keypad 1 Location	Type
Keypad 2 Location	Type
Keypad 3 Location	Type
Keypad 4 Location	Type

ACE Mode (if fitted)   Normal Security   High Security

Keyswitch Location   Reserved User Code User No.

Other Information:-

Note: Please ensure this section is completed by the installation engineer

Introduction

The *593* control Panel is a microprocessor based unit with multiple user and engineer programmable options.

Throughout this manual references will be made to the specific display type. You may find this information from the user information section on page 2 of this manual.

Please take time to familiarise yourself with the type of equipment fitted to your premises as it will prove invaluable whilst using this manual.

User Code Types

Four types of User Codes are available on the Gardtec *593* each user code type allows for different levels of access. In total 7 User codes may be programmed by a Master Level User Code.

User number 1 will always be a Master Level User but the remaining 6 User Codes may be programmed (by a Master Code) to the required level of access. These may be changed at any time via a Master level code

The User Code levels available and the functions available for the levels are:-

1 = Set Only   Only Allows for the setting of the system.

2 = Main User   Allows Setting, Part Setting, Zone Removal (if programmed by engineer), System Test, Unsetting, Reset after Alarm (if programmed by engineer).

3 = User   Allows Setting, Part Setting, Reset after Alarm (if programmed by engineer), Unsetting.

4 = Master   Allows Setting, Unsetting, Zone Remove (if programmed by
(User 1 always Master)   engineer), Test System, View Log, Chime On/Off, User Codes, Set Time/Date, Reset After Alarm (if programmed by engineer), Unsetting.

Note: **For information on Duress codes - see: Using Duress Section.**

Setting The System

1)   With the display showing:-

```
< < < < UN-SET > > > >
    01  JAN 18 :  58 : 01
```
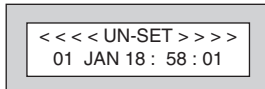
2)   Enter the User code (followed by YES if
              Master or Main type code has been used).
              The display will show:-
              and a continuous exit tone will sound

```
EXIT Now !
All Zones ON        15
```

3)   Exit the premises via the authorised exit
              route (the exit tone will change if any detectors
              are violated during exit)

4)   Once the premises are secure listen that the exit
              tone returns to the continuous tone.

5)   Wait until the exit tone finishes before leaving.

Setting & Unsetting the
System via a Keyswitch

One of two types of keyswitch(es) may have been fitted to your system.

Normal
To set the system with a normal keyswitch, insert the key and turn to the ON position
then remove the key. To unset insert the key and turn to the OFF position.

Biased
To set the system with a biased keyswitch, insert the key and turn it then return the key
to the original position and remove. To unset repeat this operation.

Unsetting The System

1)   Enter the premises via the authorised entry route
        (the broken entry tone will sound),
        proceed to the keypad.

2)   At the keypad enter a valid code, the display
        will show:-

```
< < < < UN-SET > > > >
 01  JAN 18 :  58 : 01
```
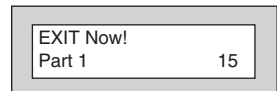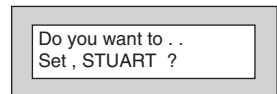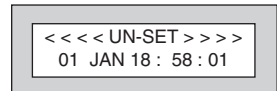
3)   The system is now unset.
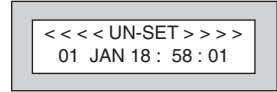
Part Setting The System
(using Master & Main type codes)

1)   With the display showing:-

```
< < < < UN-SET > > > >
 01  JAN 18 :  58 : 01
```

2)   Enter a Master or Main type code, the
        display will show for example:-

```
Do you want to . .
Set , STUART  ?
```

3)   Press 1, 2 or 3 (for Part 1, 2 or 3), the
        display will show for example:-
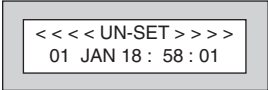
```
EXIT Now!
Part 1                    15
```

4)   The exit tone may or may not be heard dependant on the system settings.

5)   Exit the premises or retire to an unprotected part of the system. At the end of the exit time either the exit sounder will stop or a single beep will be emitted (dependant on system settings).

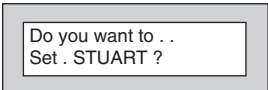## Removing Zones When Setting
<u>(Master & Main codes only)</u>

If programmed by the installation company individual zones may be removed, this may only be done by a Master or Main level of code.
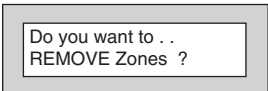
1)   With the display showing:-

```
< < < < UN-SET > > > >
01  JAN 18 :  58 : 01
```

2)   Enter a Master or Main level code,
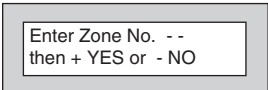   the display will show:-

```
Do you want to . .
Set . STUART ?
```

3)   Press NO, the display will show:-
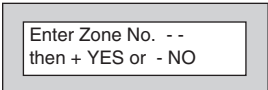
```
Do you want to . .
REMOVE Zones  ?
```

4)   Press YES, the display will show:-

```
Enter Zone No.  - -
then + YES or  - NO
```
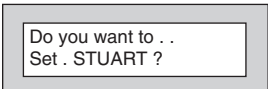
5)   Enter the zone number you wish to
          remove followed by YES (pressing
          NO will 'un-remove' a zone), the
          display will show:-

```
Enter Zone No.  - -
then + YES or  - NO
```

6)   Repeat step 5 until you have removed all
          the required zones.

7)   Press 0 to escape, the display will show:-

```
Do you want to . .
Set . STUART ?
```

8)   Press YES, the continuous exit tone will
          sound.

9)   Exit the premises via the authorised
          exit route (the exit tone will change as detectors
          are violated). When the premises are secure
          listen that the exit tone returns to the continuous
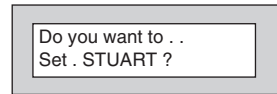   tone. Wait until the exit tone finishes before leaving.

Note: **Zone removal is only effective for the one set.**
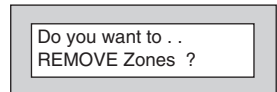
Testing The System
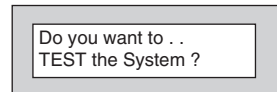## (Master & Main codes only)

1)   With the display showing:-
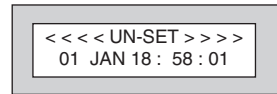

```
< < < < UN-SET > > > >
   01  JAN 18 :  58 : 01
```

2)   Enter a Master or Main level code,
         the display will show:-
```
Do you want to . .
Set . STUART ?
```

3)   Press NO, the display will show:-
```
Do you want to . .
REMOVE Zones  ?
```

4)   Press NO, the display will show:-
```
Do you want to . .
TEST the System ?
```

5)   Press YES to test the system

6)   The display will show:-
```
1=Status  4 = Strobe
6 = Sounder   9 = Bell
```

7)   **Then** for example:-
```
   < All Zones OK >
TESTING . . .
```
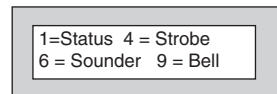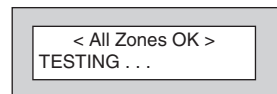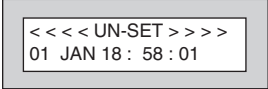
8)   Pressing 1 will enter zone Status mode (All zones will show on the display
         and will be deleted as each zone is triggered). Press 0 to escape.
         Pressing 6 will silence the internal sounder,
         Pressing 4 will toggle the Strobe On/Off,
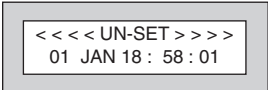   Pressing 9 will toggle the Bell On/Off

9) Whilst in Test mode any zones violated will sound the internal sounder (if it has not been silenced) and show on the display.

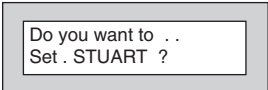10) When you have finished testing the system press 0 twice, the display will show:-

```
< < < < UN-SET > > > >
01  JAN 18 :  58 : 01
```
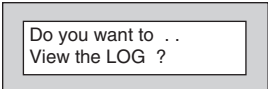
Viewing The Event Log
(Master code only)

1) With the display showing:-

```
< < < < UN-SET > > > >
 01  JAN 18 :  58 : 01
```

2) Enter a Master Code, the display will show for example:-

```
Do you want to  . .
Set . STUART  ?
```

3) Press NO three times, the display will show:-

```
Do you want to  . .
View the LOG  ?
```

4) Press YES, the display will show:-
for 3 seconds

```
While Viewing . . .
1 = Printer  On / Off
```

Then, for example:-

```
Read Log
   01  JAN 18 :  58 : 01
```

5)   This is the most recent event in the log.

        Whilst viewing the Log,

        Pressing NO will move back to the previous event.

        Pressing YES will move forward to the next event.

        Pressing 7 will take you to back to the last event of
        the previous day.

        Pressing 9 will take you forward to the first event of
        the next day.

6)   When you have finished viewing the Log press 0 twice
        the display will show:-

```
< < < < UN-SET > > > >
01  JAN 18 :  58 : 01
```
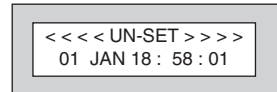
Changing The Chime Status
(Master code only)

The Chime zones will have previously been programmed by the installation company.
A Master level code may change the status of the Chime between On and Off. To do
so proceed as follows:-

1)   With the display showing:-

```
< < < < UN-SET > > > >
01  JAN 18 :  58 : 01
```

2)   Enter a Master Code, the display will
        show for example:-

```
Do you want to . .
Set . STUART ?
```

3)   Press NO four times, the display will show:-

```
Do you want to . .
Change Chime ?
```
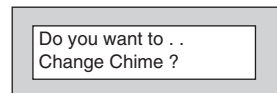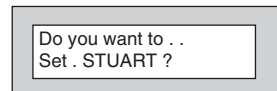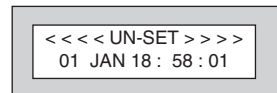
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4)   Press YES the display will show for example:-

> Chime is Off ok ?

         Or:-

> Chime is On ok ?
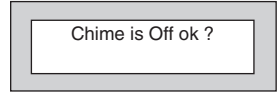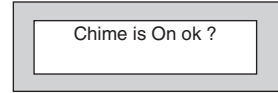
5)   Press NO to change the status of the Chime, then press YES, the display will show:-

> Do you want to . .
> Change Chime ?
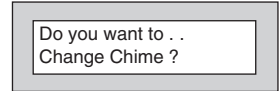
6)   Press 0 to escape, the display will show:-

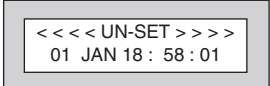> < < < < UN-SET > > > >
> 01 JAN 18 : 58 : 01
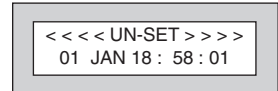
Programming User Codes
(Master code only)

The charts on pages 2 & 31 should be completed by the engineer/user for future reference of what codes have been allocated on your system. **Under no circumstances should the actual user code be written down.**

If your installation company has given you keyswitches for the operation of your system some user codes may have been reserved for use by these keyswitches.
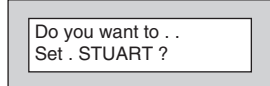
If your engineer has indicated (see pages 2 & 31) that some of the user numbers on your system have been reserved you should not use them whilst programming user codes. If you do so your system may be adversely affected

1)   With the display showing:-
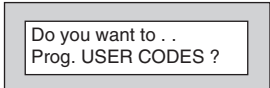
```
< < < < UN-SET > > > >
  01  JAN 18 :  58 : 01
```

2)   Enter a Master Code, the display will show:-

```
Do you want to . .
Set . STUART ?
```

3)   Press NO five times, the display will show:-

```
Do you want to . .
Prog. USER CODES ?
```

4)   Press YES, the display will show:-

```
Enter User No.       - -
(1- 7)  Then YES
```

5)   Enter the user number (1 to 7 that you wish to program followed by YES, the display will show:-

```
Now Enter Code . .
- - - - - -  Then YES
```

6) Enter the code you require (codes may be 4,
    5 or 6 digits) followed by YES.
    (Entering 000000 will delete an existing code)

**Note: If the code already exists or is a duress of
         another code an error will be shown,
         choose another code and return to step 6**
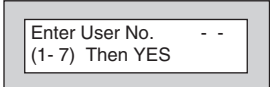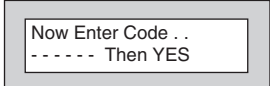
7) The display will show:-
    (not if user 1 is being programmed).
    The display will scroll showing the code
    types available (see user types or display).

```
Choose Type . .        -
0 = xxxxxx   1 = xxxxxx
```
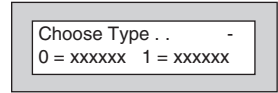
8) Enter the required type followed by YES,
    the display will show for example:-

```
User 1 Name
= STUART
```
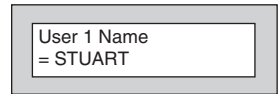
9) If you wish to accept the name shown press
    YES and jump to step 13

    Or

    If you wish to change the name shown press
    NO, the display will show:-

```
User 1 Name
>
```
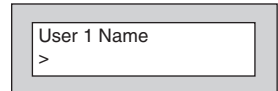
10) You may now enter up to nine characters for
    the user name using the layout shown below
    for the allocation of characters.
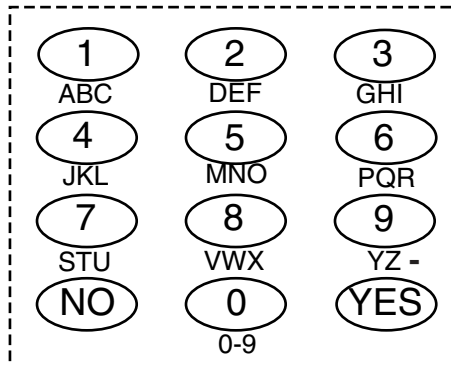
11)   Referring to the character map enter the required
        character (pressing the 3 key will display 'G', pressing
        it again will show 'H' and again will show 'I '), once
        the correct character is displayed press YES and the
        display will move on to the next position.

12)   Continue entering characters (up to 9). If
        you require a blank space press YES while
        the '-' is displayed

13)   As you press YES for the ninth character
        (or if you have jumped from step 9) the
        display will change to:-

```
Do you want to . .
Prog. USER CODES ?
```

14)   If you wish to program other User Codes
        return to step 4

        Or

        Press 0 to return to:-

```
< < < < UN-SET > > > >
01  JAN 18 :  58 : 01
```

Programming Time & Date

1) With the display showing:-

```
< < < < UN-SET > > > >
  01  JAN 18 : 58 : 01
```

2) Enter a Master Code, the display will show:-

```
Do you want to . .
Set . STUART ?
```
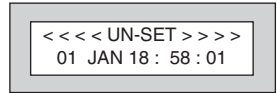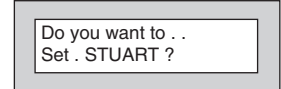
3) Press NO six times, the display will show:-

```
Do you want to . .
Set DATE / TIME ?
```

4) Press YES the display will show:-

```
Enter  Day / Month
-- -- / -- -- Then YES
```
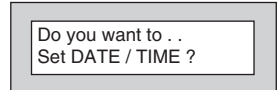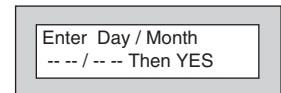
5) Enter the Day/Month (ie. 0706 for 7th June) followed by YES. The display will show:-

```
Enter  Hrs / Mins
-- -- : -- --  Then YES
```
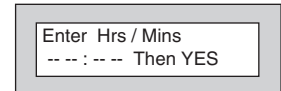
6) Enter the time using 24Hr Clock (ie. 23:30 for 11:30pm) followed by YES the display will show:-

```
Do you want to . .
Set DATE / TIME ?
```
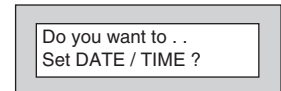
7) Press 0 the display will show:-

```
< < < < UN-SET > > > >
  07  Jun 23: 30: 02
```
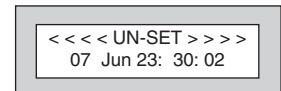
User Initiating Remote Access (Optional)

Access Remote allows your installation company to examine your system and re-program system settings as you need the changes without the need for an engineer to visit your premises.

If your system has remote communications fitted your installation company may have programmed the system so that you initialise the Access Remote call (usually on lines with incoming calls barred).

To initiate the Remote Call follow the instructions below.

1)   Negotiate with your installation company when you should
      initiate the Remote Call.

2)   With the display showing:-

<div style="border:1px solid">

```
< < < < UN-SET > > > >
01  JAN 18 :  58 : 01
```
</div>

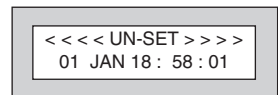3)   Enter a Master Code, the display will show:-

<div style="border:1px solid">

```
Do you want to . .
Set . STUART ?
```
</div>
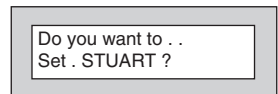
4)   Press NO seven times, the display will show:-

<div style="border:1px solid">

```
Do you want to . .
Access Remote ?
```
</div>
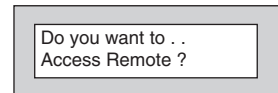
5)   Press YES the display will show:-
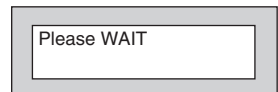
      Until Dialling commences

<div style="border:1px solid">

```
Please WAIT
```
</div>

      Then:-

<div style="border:1px solid">

```
Please WAIT
Dialling
```
</div>
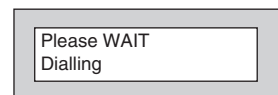
      Until Connection

      Then:-

<div style="border:1px solid">

```
Please WAIT
Connect
```
</div>
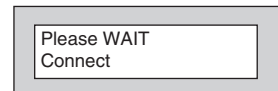
6)   When your installation company has finished
      the display will show:-

<div style="border:1px solid">

```
< < < < UN-SET > > > >
01  JAN 18 :  58 : 01
```
</div>
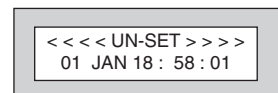
Note: In the event of any errors the display will show:-
             (Check line is not in use or disconnected etc.)

<div style="border:1px solid">

```
! ! ! ! ERROR ! ! ! !
Try Again . . . .
```
</div>
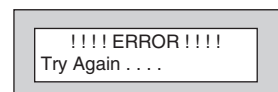
Resetting After an Alarm

Your installation company will have programmed the reset modes for your system so that it complies to your insurance company and legislation requirements.

Your installation company will have informed you as to the type of reset that your system is set for.

Before attempting to reset your system ensure that the system is Un-set.

1)   If the system is programmed for any code reset enter a user (followed by YES if Master or Main code is used), the exit tone will sound and the display will show for example:-

```
EXIT Now !
All Zones ON          15
```

2)   Enter the code again to abort the setting

3)   The system is now reset

        Or

        If a higher level of code is required one of the following displays will be shown:-

        Use a Master code to reset the system.

```
Can't Set Use
Master Code
```
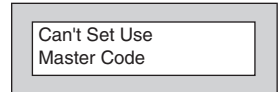
        Or:-

        Call the installation company

```
Can't Set Use
ENGNR Code
```
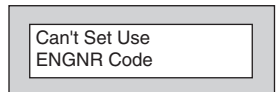
        Or:-

        Call the central station or installation company (as instructed) and quote the number given

```
Can't Set Use
ENG +Anti Code 1234
```

        Or:-

```
Can't Set Use
Anti Code 1234
```
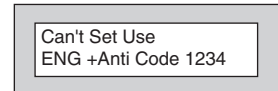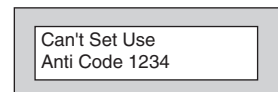
4)   To reset the system with an anti-Code, contact
       the central station or engineer (as instructed by
       the installation company) and quote the source
       given by the display.

5)   The central station or engineer will give a return
       Anti-Code (this may contain the YES & NO keys)
       for example 5, YES, 2, 4.

6)   Enter this Anti-Code into the keypad

7)   The system is now reset.

<u>User Chart</u>

Please use this chart to indicate what user names have been programmed onto your system and those that are in use.

	In Use	Name
User 1		
User 2		
User 3		
User 4		
User 5		
User 6		
User 7		

ACE User Instructions

ACE (Advanced Control Equipment) allows control of your Gardtec *593* system via Infra-Red Remote control. Ace is available built in to a range of keypads or as a stand alone unit, control is via neat remote keyfob(s).

We strongly advise that User Number 1 is not used for ACE in order that the user retains control of the programming functions.

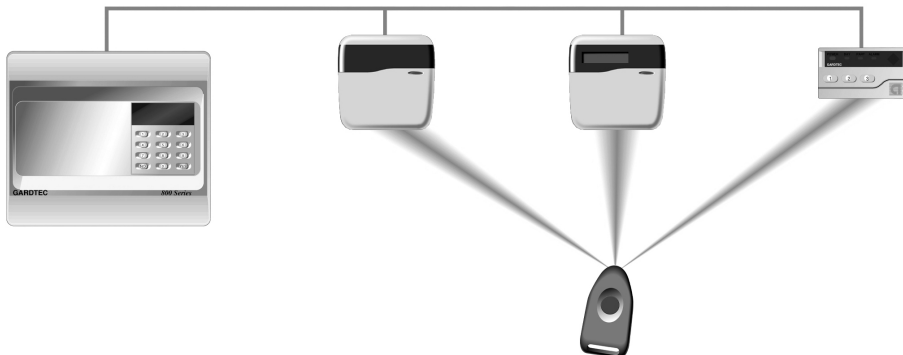### Setting the System with ACE

1)   Point the keyfob at the ACE receiver and press the button.

2)   When the exit tone sounds exit the premises in the usual way.

Part Setting the System with ACE

1)   Point the keyfob at the ACE receiver and press the button.

2)   When you hear the exit tone press the keyfob button again
      (within 3 seconds) for Part Set 1.

      or

      Press 1, 2 or 3 on the receiver/keypad for the Part Set you require.

Unsetting the System with ACE

1)   Enter the premises via an authorised entry point.

2)   Point the keyfob at the receiver and press the button.

Programming ACE
Keyfobs onto your Gardtec 593 System

Two modes are available for ACE, these are 'Normal' & 'High' Security. Please check the User Information Chart on page 2 noting the mode of your ACE control.

Normal Security
In this mode up to fourteen keyfobs may be programmed onto a single user number

1)   Follow the procedure for programming user codes to the point when the user code is entered.

2)   Point the keyfob at the ACE unit and press the button on the fob.

3)   Repeat this procedure for any other fobs you wish to be programmed using the **same user number** each time (e.g User 1 or User 2 etc.) each time.

4)   If more than one ACE receiver is fitted fobs need to be programmed onto all ACE receivers, yet again the **same user number** should be used.

Note: **When programming the fob onto more than one receiver (on the same system) the button on the fob MUST be held down continuously between programming onto the first and subsequent ACE receivers.**

High Security
In this mode each keyfob will occupy a User number. The number of keyfobs that may be used is limited by the maximum number of user codes available on the system.

1)   Follow the procedure for programming user codes to the point when the user code is entered.

2)   Point the keyfob at the ACE unit and press the button on the fob.

3)   Repeat this procedure for any other fobs you wish to be programmed using a **different user number** each time (e.g User 1 or User 2 etc.) each time.

4)   If more than one ACE receiver is fitted fobs need to be programmed onto all ACE receivers, **retaining the same user number for each individual fob**.

Note: **When programming the fob onto more than one receiver (on the same system) the button on the fob MUST be held down continuously between programming onto the first and other ACE receivers.**

Note: **In all cases when the ACE is used only Master & Main user levels will allow part setting via the keyfob. Other code levels will only allow part setting in conjunction with the keypad.**

INCIDENT			
Date	Time	Circuit	Action taken by customer

ENGINEER VISIT				
Date	Time	Docket No.	Reason (see below)	Action (followed by engineer signature)

Enter Reason Code as follows:-
P=Preventative Maintenance, C=Corrective Maintenance
M=System Modification, T=Temporary Disconnection

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Peace of mind - Through Technology