Engineers Quick Start Instructions - 1148/45 & 1158/45
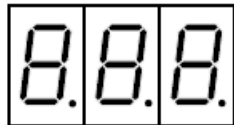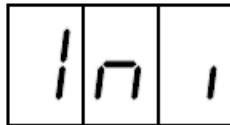
1) Power device on, check the following are displayed in sequence:
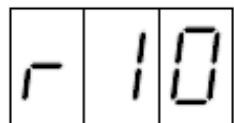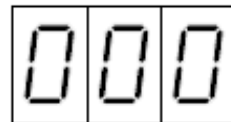
8.8.8. (display test), then **1n1** (initialisation)

and finally a single flashing dot.

2) Press rear red button briefly, the unit should now display:

r10 (software version), then **000**

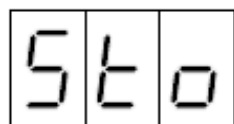3) Press the rear red button briefly again and the unit should display

___ - The unit can now be secured in the housing as all further programming can now be carried out from the front panel.

Program a Master Key

Hold the key to be set as a master in front of the reader. The 1st bar will rise and the buzzer will sound a continuous tone. This indicates successful programming of this key. Remove the key.
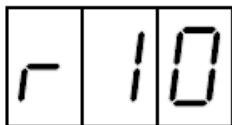A maximum of 3 keys can be programmed as masters. Repeat for the other keys as necessary

To exit and return to normal operation, hold a master key in front of the unit for approx 7 seconds, the display will show : -
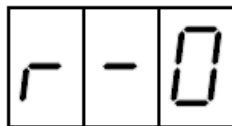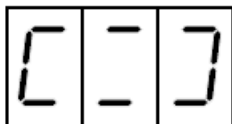
5to the unit will return to normal.

Programming

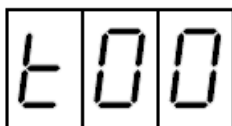Hold a master key to the front panel, the unit will display, in sequence:

`r 1 0`   Current software version
             (display only)

`r - 0`   User key storage/checking

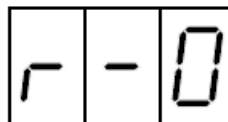`[ - ]`   User key deletion/replacement
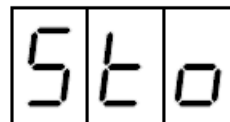
`t 0 0`   Door release time

Present a master key briefly to the front of the panel to exit programming.

To add a user key

1) Hold a master key to the front of the unit until
    the following is displayed, then remove the
    master key.   `r - 0`

2) Present a new user key to the front of the unit.
3) The reader will emit a continuous tone and the display will show the allocated
key number – remove the key.
4) To check the key, re-present the key to the front of the unit, the display will
show the allocated key number and give 3 confirmation bleeps.
5) Repeat steps 2 to 4 for each key to be allocated (max 500 keys).
6) To exit, present the master key to the front of the unit – the following is
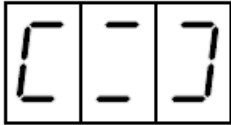displayed, the unit returns to normal operation.

`5 t o`

Note: It is advisable to record the allocated key number
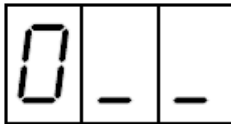   and user details for future reference.

User Key Deletion/Replacement

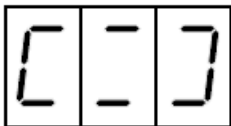**Important:** To delete a user key you must know its allocated key number.

1) Hold a master key to the front of the reader until the following symbol is displayed, then remove the master key.

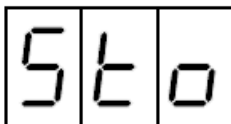```
[‾]
[_]
```

2) Re-present the master key until the following is displayed; the first number will cycle through 0 to 9 repeating.

```
0 _ _
```

3) Remove the master key when the digit you want to set is displayed. (i.e.) 3_ _ is key No 3_ _ (the first digit of the number of the lost key).
4) Pause and repeat for the other 2 digits to be set – remove master key once complete.
5) If an error is made and the number is incorrect, do not perform other operations, the unit will reset in 7 seconds WITHOUT deleting anything PROVIDED any 3 numbers have been entered.
6) If the number is ok, re-present the master key (within 7 seconds) and the unit will beep and the key is deleted.
7) If you want to store a new key and assign the same key number to this as just cancelled – present the new key to the front panel (within 7 seconds). Unit beeps and displays the key number, then returns to
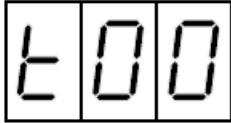
```
[ ‾ ]
[ _ ]
```

8) Repeat 1-5 for any other keys to be deleted.
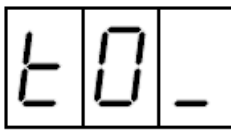9) Re-present master key to exit, the unit will return to normal operation after displaying the following symbol.

```
5 t o
```
the unit will then return to normal

Setting of Door Release Open Time

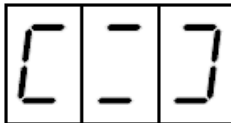1) Hold a master key to the front of the unit until the following symbol is displayed, then remove the master key.

```
t 0 0
```

2) Re-present the master key and hold for at least 2 seconds, the first digit will count up from 0 to 9 repeating.

```
t 0 _
```

3) Remove the master key once the 1st digit is set; re-present the master key to set the second digit.
4) Remove the master key, the unit will return to normal operation after 3 seconds.

Key Deletion

1) Hold a master key to the front of the unit until the following is displayed, then remove master key.
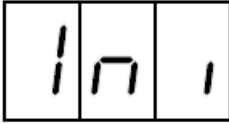
```
[ - ]
```

2) Present the key to be deleted to the unit – if the key is stored in memory the unit will beep 3 times and the display will show the key number for approx 7 seconds.
3) With the key number on the display, present a master key to confirm deletion. Remove & briefly re-present the master key to return to normal operation.

Complete Reset of Memory

The contents of the memory can be cleared completely so allowing the unit to be reused in another installation. To accomplish this proceed as follows:

1) Switch off the device
2) Press the rear red button, and whilst holding it down, switch on the device.
3) Hold the button down until the following is cleared from the display.

| / | n | / |

4) At his point the display will start counting down clearing the memory.
5) Release the button, once the count has ended, the memory is cleared and the unit returns to normal operation.

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