

You can, once the 5 or 10 minute countdown timer has been activated, return to one of the main displays. The timer will continue to operate in the background.

These alarms can be switched off if required (refer to para. 6.1, Initial Calibration for procedures).

Trip

Trip distance is cleared by pressing **RESET** for 3 seconds. During this period the current trip distance will flash until it is zeroed.

Chapter 5: CODE Lock Security

The ST50 Plus range incorporates an anti-theft feature called 'CODE Lock'. Designed to protect individual instruments or complete systems in vulnerable areas, 'CODE Lock' is a four digit number that you programme into the permanent memory of a selected 'master' instrument.

Note: A 'master' instrument is a digital unit on which the code number can be entered, and then, if part of an integrated system, transmitted to other ST50 Plus instruments.

This facility means that, should a CODE Locked instrument be removed from the vessel without your permission, it cannot be operated without the four digit securii number.

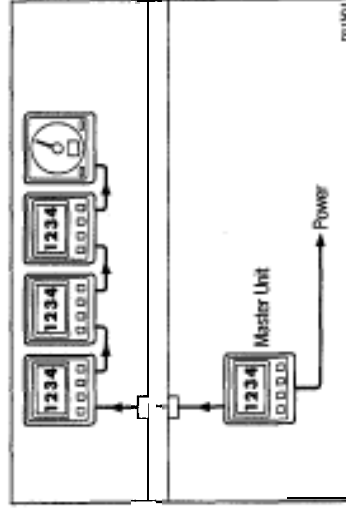
'CODE Lock' can be used in one of three modes:

Mode 1: Off

As it leaves the factory 'CODE Lock' is set to off. In this mode the instrument will operate normally when it is switched on, however, the unit will not be protected by the anti-theft feature.

Mode 2: 'CODE Lock' Once-Only Entry (page 23)

This mode is designed for systems with a digital ST50 Plus instrument in a safe, belowdecks location. This instrument can then be used as a 'master' to enter the four digit code number and, when the power is switched on, automatically transmit the code to all the instruments in the system. The advantage of this mode is that, with the master safely below deck, code entry via the keypad is a once-only operation on installation.

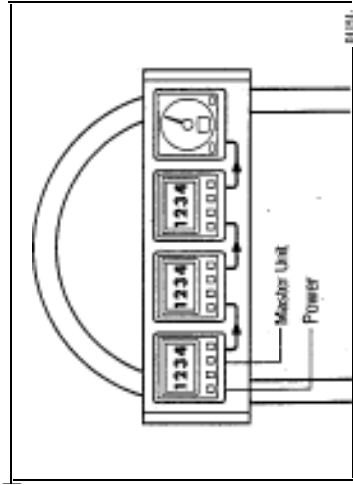


Once 'CODE Lock' is set the system will operate normally as soon as the power is switched on. In other words, the 'CODE Lock' securii number is invisible.

Mode 3: CODE Lock input at POWER-ON (page 24)

In the 'Power-On mode', the ST50 Plus is configured so that you have to enter the four digit number on a 'master' digital instrument every time the system is switched on. **Until this number is entered the instrument(s) will not operate.**

This mode is particularly useful when you are unable to position a 'master' instrument below decks and, therefore, all the vessels valuable instrumentation is left in a vulnerable area.



Should a CODE Locked instrument be removed from the system, it will not operate until the correct four digit security number is entered or received.

If your selected master instrument fails for any reason, the security code number can be entered via another ST50 Plus instrument in the system. However, until another instrument is set as a master or the existing master is replaced, the security code will have to be entered every time the system is switched on.

Note: A warning sticker is provided with each instrument. If you have set 'CODE Lock, position this warning sticker in a prominent location to deter potential thieves.

Setting Up the Security Code

When the ST50 Plus Tridata is switched-on for the first time the security feature is set to off. To turn the 'CODE Lock' feature on, proceed as follows:

Once Only Entry

| Action | Display Shows |
|---|--|
| 1 Press and DEPTH and SPEED together for 4 seconds | CAL after 2 seconds and CAL and software version after 4 seconds |
| 2 Press DEPTH twice | CAL CODE OFF |
| 3 Press SPEED | ---- |
| 4 Press TRIP or RESET to select first number | 1 ---- |
| 5 Press SPEED to accept number | 1,1 -- |
| 6 Press TRIP or RESET to select second number | 12 -- |
| 7 Press SPEED to accept number | 12,1 -- |
| 8 Press TRIP or RESET to select third number | 123 -- |
| 9 Press SPEED to accept third number | 123,1 -- |
| 10 Press TRIP or RESET to select fourth number | 1234 |
| 11 Press SPEED to accept code | '1234 |
| 12 Press SPEED | 'S |
| 13 To exit CODELOCK, press DEPTH and SPEED together for 2 seconds | Normal operation, eg. speed and depth displays |

Note: If you wish to cancel the code or change the number, simply re enter and accept the current number.

Your Code Number

For future reference, enter your chosen code number into the following box.

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

For obvious reasons, please store this handbook in a safe place.

Operation

Once only 'CODE Lock' entry is invisible once it has been set.

On Power-Up

| Action | Display Shows |
|---|---|
| 1 Press and DEPTH and SPEED together for 4 seconds | CAL after 2 seconds and CAL and software number after 4 seconds |
| 2 Press DEPTH twice | CAL CODE OFF |
| 3 Press SPEED | - - - - |
| 4 Press TRIP or RESET to select first number | 1 - - - |
| 5 Press SPEED to accept number | 1 . 1 . - |
| 6 Press TRIP or RESET to select second number | 1 2 - - |
| 7 Press SPEED to accept number | 1 2 ' 1 |
| 8 Press TRIP or RESET to select third number | 1 2 3 - |
| 9 Press SPEED to accept third number | 1 2 3 ' 1 |
| 10 Press TRIP or RESET to select fourth number | 1 2 3 4 |
| 12 Press SPEED to accept code | ' 1 2 3 4 |
| 13 Press SPEED | 'S' |
| 14 Press SPEED | CAL CODE SET |
| 15 To exit CODELOCK, press DEPTH and SPEED together for 2 seconds | Normal operation, eg. speed and depth displays |

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Note: If you wish to cancel the code or change the number, simply re enter and accept the current number.

Your Code Number

For future reference, enter your chosen code number into the box below.

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

For obvious reasons, please store this handbook in a safe place.

Operation

When the unit is powered on you are prompted to enter the code number. To enter the number, carry out actions 3 to 12 above and press **SPEED**.

Chapter 6: Calibration

As it leaves the factory the ST50 Plus Tridata is set to display speed in knots, distance in Nm and depth units in feet. These settings, together and other navigational features, can be changed (e.g., feet to metres) as described in this Section.