

The Application Note is pertinent to the Commander SL

Commander SL Security



For some new User's of the Commander SL Drive, the parameter security system is sometimes found to be a rather mysterious subject. This article will attempt to unveil those mysteries.

Security Basics

The Commander SL has two settings of security used to access all parameters. The drive comes "*Out of the Box*" with **OPEN** security set. This means parameters 01 - 58 (#0.01 – 0.10) can be viewed and edited. Parameters 1 – 10 are typically considered the most basic drive configuration registers. They contain mostly motor information and start/stop logic selections.

The other setting is **LoC**. This means a custom **User** security code has been entered. The chosen **User** code will need to be entered prior to editing any registers in the drive.

Parameters 81 – 94 are set aside for diagnostic purposes and are read-only.

User Security Code Assignment

The security code is set in the following manner:

1. Scroll to parameter 25
2. Set parameter 25 to any number from 1 to 999
3. Set parameter 10 to "**LoC**"
4. Upon pressing the **(M)** MODE key, Parameter 10 will be set back to "**OPEn**" and Parameter 25 is set to 0 to hide the security code.

Changing a Parameter Value

Select the parameter to be changed and press the mode **(M)** MODE button. The display will read **"Code"** and flash.

Use the up arrow to enter the code and press the mode **(M)** MODE button. Parameter values may now be changed.

Press the mode **(M)** MODE button twice and the display will revert back to the default display.

To reinstate the security code, go to parameter 10, select **"LoC"** and press the stop/reset button.

Forgotten Security Codes "The Back Door"

If the security code has been forgotten, the following procedure may be used to get in thru the *"back door"*.

1. Remove Power from the drive (wait until display goes dark)
2. Hold in the **up** and **down** arrows while re-powering the drive.
3. Go to parameter 25
4. The security code will be displayed.
5. Follow "Changing a Parameter Value" above.

Resetting Back to No Security

1. Go to Pr 25
2. Press the mode **(M)** MODE button
3. The display will read **"Code"** and flash.
4. Use the up arrow to enter the code and press the mode (M) button.
5. Set Pr 25 to 0
6. Press the **(M)** MODE key

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