Title: DC2-STN Macro Zero Override
Products(s): DC2-STN
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Summary
Macro zero, the auto-start macro, is run by the DC2-STN at power up. During the development of an auto-start macro, it's possible to issue a command or sequence of commands that cause the motion controller to lock up. An override feature has been added that forces the DC2-STN to skip execution of Macro zero, allowing the user to take control of the unit via the RS232 Port.

More Information
Macro zero is run automatically by the DC2-STN100 immediately following a reset. A reset is generated by a power on condition, by having the user press the front panel reset switch, or by issuing a reset command. If a reset instruction is inadvertently placed in macro zero, the unit will be put into an endless loop of resetting itself. At this point the front panel Reset switch and Communication with the RS232 Port are locked out, rendering the DC2-STN100 useless. The sequence of events are as follows:

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•   Power Up
•   Macro zero called
•   Macro zero issues Reset
•   Unit is reset calling
    Macro zero, etc.
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Starting with Firmware Revision 1.3.a, the user can override macro zero on power up. The DC2-STN has a push button Network Address ID selector on the front panel. If the ID is set to '9' at power up, macro zero will not be called and the unit will for wait for instruction from the RS232 Port. The user can then view the faulty macro zero by issuing a TM (Tell Macro) via a terminal emulator or the WinControl program.