



ANACON
SYSTEMS

DashDrive™ for Windows™

DD2CFG01

DigiDrive™ II Configuration Software

Description

Anacon's DashDrive™ software kit is a Windows™-based PC drive customization tool. The DashDrive™ allows for programming of a DigiDrive™II control through a PC or laptop in order to modify, in real time, important operating parameters and optimize motor performance for specific applications.

Overview

Where the DigiDrive™II allows for speed control of single-phase induction motors, DashDrive™ allows for further control over the DigiDrive™II to optimize performance.

The DashDrive™ utility kit includes a CD-ROM disk, serial adapter, RS-232 cable, special serial cable and user instructions. Once parameters are set in the user-friendly Windows™-based software, one click of the "load" button rewrites the parameters on the DigiDrive™II's on-board memory. Added features are "Save to Disk" and "Load from Disk".

Another value-added bonus of using the DashDrive™ utility kit is that a single kit can be used in programming multiple DigiDrive™II controls.

PC Requirements (Minimum)

- CD-ROM drive
- Windows™ 95/98
- 16M available RAM
- Pentium™ 133 MHz processor
- Available serial port



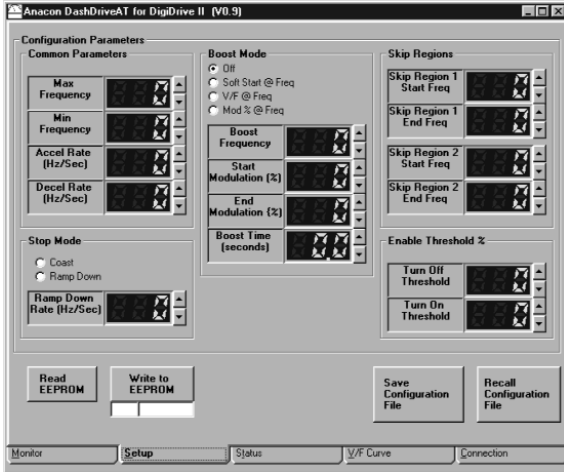
Programming Menus

Using a series of tabbed windows, DashDrive™ software guides the user through the resetting of various parameters. Tabs include:

- Connection Tab
 - Establishes serial connection to the DigiDrive™II and access to the 4 additional programming menus
- Monitor Tab (Dashboard style screen)
 - Allows for monitoring real time operation of the drive including output frequency, current, line voltage, etc.
- Set-up Tab
 - Read and change Max Frequency, Min Frequency, Accel Rate, Decel Rate, Skip Frequency Ranges, Boost Mode and Enable Threshold
- Status Tab
 - Sets Current, Voltage and Temperature limits and provides access to historical maximum conditions and fault occurrences
- V/F (Voltage/Frequency) Tab
 - Lets the user read and change the V/F relationship which determines motor torque

For assistance call 888-456-3398

DashDrive™ Sample Set-up Menus

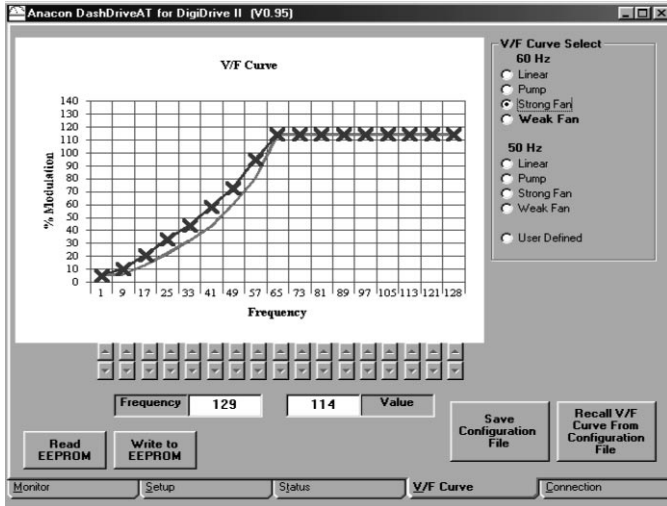
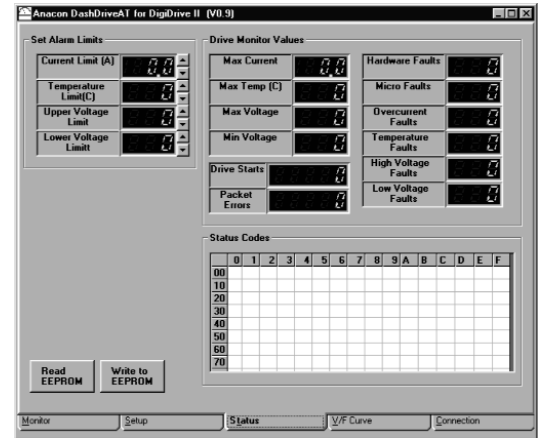


◀ Set-Up Tab

This screen displays and allows changes to the parameters stored in the drive's non-volatile EEPROM memory. DashDrive™ automatically reads the parameters when this screen is selected. The "Read EEPROM" button can be clicked at any time to bring the parameters from the drive into this screen.

Status Tab ▶

Used to set protection levels and to read the levels that certain parameters have reached in the past.

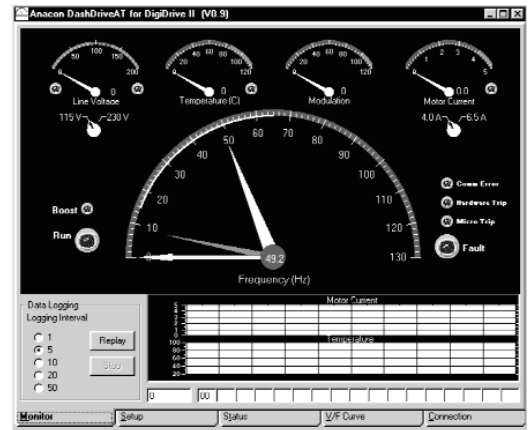


◀ V/F Tab

The Volts per Hertz (V/F) curve defines the output voltage modulation at a given running frequency in the normal mode (not in boost mode). The ratio of V/F dictates the amount of torque (twisting force) the motor will produce. The V/F ratio also determines motor efficiency and current draw.

Monitor ▶

The monitor screen displays the present conditions for the drive. The displays are updated about four times per second.



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E-mail: info@anaconsystems.com Web Site: www.anaconsystems.com