



TECHNICAL / FIELD SERVICE REPORT

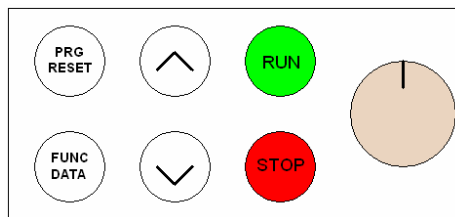
SUBJECT: Programming of AF-300 MINI Motor Drive

WRITTEN BY:: Dan Reiter, Engineering

DATE: June 7, 2004, Revised March 15, 2007

The FUJI AF-300 Motor Drive can have many of its operating modes changed by altering internal operating parameters. This report will explain how to make the changes, as well as the BIG SKY recommended data to use.

Data is displayed & entered via the keypad shown below. The LED Readout above the keypad shows the data.



All data can only be changed when the drive is in the "STOP" mode.

To Program:

1. Press the "PRG/RESET" button once. The programming mode is ready to be used. The digits "F _ _" with a flashing "1" before should be displayed.
2. Press the "FUNC/DATA" button once to access the individual function "F" Codes. Use the "^ and v" buttons to scroll through the individual "F" codes to be changed.
3. Once a specific "F" code is selected to be changed, press the "FUNC/DATA" button once again to access the individual function data. Use the "^ and v" buttons to change the data to change to the recommended codes below.
4. Once the new setting is entered, press the "FUNC/DATA" button once so the word "SAVE" is displayed for two seconds. The new data for that specific function is now saved.
5. Use the "^ and v" buttons to scroll through the "F" functions, changing ONLY the codes listed below.
6. Once all the programming is done, press the "PRG/RESET" button twice to return to operating mode, and the display should read "0.00" and be flashing. The unit is now properly programmed and ready to run the projector motor.

Following are the functions and programmed codes for the FUJI AF-300 MINI drive:

<u>FUNCTION:</u>	<u>CODE:</u>	<u>DESCRIPTION:</u>
F0	0	Enable Programming / Data Change
F1	4	Frequency Command
F2	1	Enable Remote Control
F7	3.0	Motor Acceleration Time (Recommended by BIG SKY)
F8	3.0	Motor De-Acceleration Time (Recommended by BIG SKY)
F11	0.0	Thermal Overload detection level
F12	30.0	Motor thermal overload time constant
F14	4	Motor Re-Start after power interruption
F15	60	Maximum Frequency / Speed
F16	60	Minimum Frequency / Speed
F26	15	Motor Sound Control
F27	0	Motor Noise