

9.6 Updating the System Firmware

To update the system firmware you need to have the following files.

In addition, you need to use a PC and USB cable. (The firmware is able to update from the Windows PC only.)

Firmware :FCX2000_Vxxx.x

SEND.EXE :Utility to transfer files using Windows

OPS662 :USB Driver software for the FCX2000 (when using USB to update the firmware)

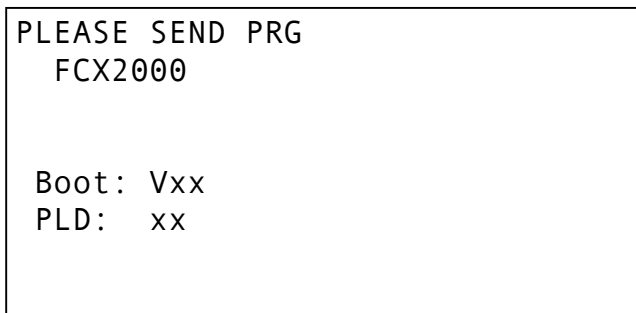
Preparation

- (1) Copy the firmware file onto the PC.
- (2) Copy the SEND.EXE onto the PC.
- (3) Install the Windows Driver to the PC before connecting the FCX2000 to the PC.
- (4) Connect the PC and FCX2000 via the USB port after the Windows driver was installed.

How to update the Firmware

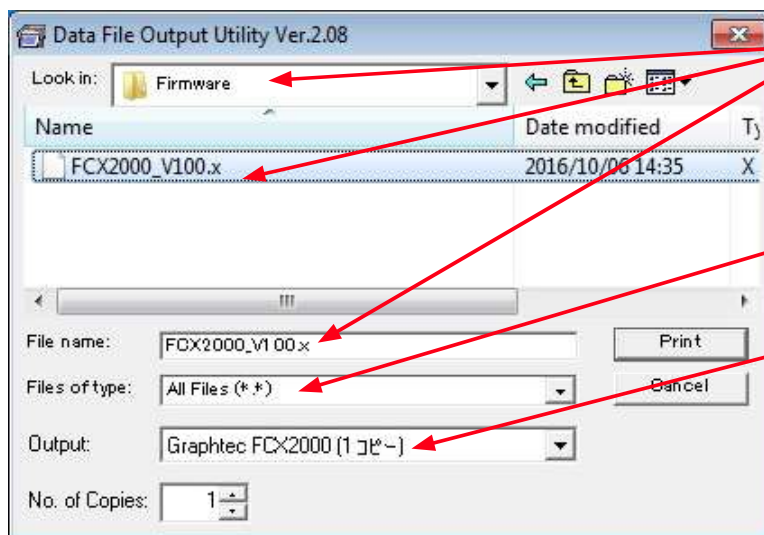
- (1) Turn off the power for the FCX2000 if power was turned on.
- (2) Set the DIP switch to "Normal mode".
- (3) Turn on the power while pressing the "Right" and "Left" POSITION keys.

The following menu will be displayed.



- (4) Transfer firmware data from the personal computer.

Execute SEND.EXE.



Select the folder for the firmware, then select the firmware file. The File name box shows the firmware file name.

Select the all files.

Select the output device.

Confirm the active device of FCX2000 at the "Device and Printer" menu in the WINDOWS before selecting the output device.

Select the system firmware file from the SEND.EXE menu.

Select FCX2000 from the output menu. (Select the type of file to all files when select the firmware file.)

Output the system firmware file to the FCX2000.

- (5) When the transfer is completed, the following menu will be displayed.

```
ALL COMPLETED! POWER OFF THEN ON
FCX2000

Boot: Vxx
PLD:  xx
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- (6) Turn off the power, and then turn on power the power for the FCX2000.
- (7) Confirm the firmware version during initializing the FCX2000. (The firmware version will be displayed during initializing the FCX2000.)