

## <How to use the new ether card>

This supplementary manual describes how to make the necessary settings when mounting the high-speed ether card to the DV40.

To use the high-speed ether card as an FTP application, make TCP/IP setup menu setting of the DV40 appropriately, as well as the TCP/IP setting of your PC, according to the description in this manual.

### **<Important!>**

*To use the high-speed ether card with the DV40, the DV40 software must be upgraded to version 1.5 or higher. Contact the nearest Fostex service center for the detailed information.*

### <Changes in the "TCP/IP setup" menus>

By replacing the ether card with the high-speed ether card, the configuration of the "TCP/IP setup" menu items changes.

Some items shown in Chapter 13 in the operation manual are deleted, while others are still available, as below.

- |                                       |              |
|---------------------------------------|--------------|
| • IP address setting                  | -> available |
| • Gateway setting                     | -> deleted   |
| • Sub net mask setting                | -> available |
| • Login name (Administrator) setting  | -> available |
| • Login name (Users 01 to 05) setting | -> deleted   |
| • Mac address checking                | -> deleted   |

Also, the "Anonymous setting" menu is newly added.

See Chapter 13 in the operation manual for details about how to set each menu.

#### <Note>

*When the high-speed ether card is mounted, the "Version Ethernet" menu in the Setup menu is deleted, in addition to the "TCP/IP setup" menu configuration change. This is because the upgrade of the ether card using "dv40e\*\*\*.mot" is not necessary now.*

## Actual setting example of connecting to a PC

The FTP client applications which can be used when connecting the ether card to a PC are shown on page 13-3 in the DV40 operation manual. See the associated section for details.

The following shows a setting examples for connecting between a PC and the DV40 in a typical environment.

It is assumed that a LAN card is mounted to the PC and can be used correctly. (Depending on the PC version and setting, the actual setting may differ from the description below.)

#### <Note>

*The IP address and sub net mask values described below are those used in a typical environment. Therefore, depending on your PC environment, the DV40 may work correctly by setting different values, or may not work correctly by setting the following specific values.*

### When connecting between a PC and the DV40 directly:

The following procedure shows the example of connecting the DV40 to a PC directly, without connecting to a LAN.

#### 1) Set the "TCP/IP setup" menu of the DV40

- IP address: 192. 168. 0. \*\*\* (\*\*\*) is a desired value between 1 and 254.)
- Sub net mask: 255. 255. 255. 0
- Anonymous: Enable (On)
- User, Password: Does not need to be set.

#### <Note>

*If "Anonymous" is set to "On", the user name and password are not checked when logging in. Therefore, you can log in regardless of the user name and password settings (including a blank).*

#### 2) Set the [CONTROL] switch on the DV40 front panel to [REMOTE].

You can enable or disable the DV40 ether mode by [CONTROL] switch setting. If it is set to [REMOTE] after the TCP/IP setup menu is appropriately set, the TCP/IP setup becomes effective.

#### <Note>

*When the ether mode is enabled, the DV40 is busier. Therefore, we recommend to disable the mode (i.e. set the [CONTROL] switch to [LOCAL]) unless you use the network function. Also note that, the DV40 accepts FTP commands only while stopped. It does not accept FTP commands during recording or playback.*

**3) Set the TCP/IP setting on the PC.**

- IP address: 192. 168. 0. \*\*\* (\*\*\*) is a desired value between 1 and 254.)  
<Important!>: You cannot assign the same IP address as the DV40 IP address.
- Sub net mask: 255. 255. 255. 0 (Sub net mask is the value set for the DV40.)
- Default gateway: Does not need to be set.

**<Note>**

*If it is not clear how to make the TCP/IP setting, see "Help" of your PC for details about the TCP/IP setting.*

**4) Connect the DV40 to the PC using a LAN cable (cross cable).**

For details about LAN cable connection, see page 13-2 of the operation manual.

**5) Start up the FTP application of the PC, and make setting for connection.**

**<Setting of WS-FTP>**

- Profile Name: a desired name
- HostName/Address: 192. 168. 0. \*\*\* (\*\*\*) is the value set for the DV40.)
- HostType: Automatic detect
- Anonymous: Enable (On)
- User ID: Does not need to be set.
- Password: Does not need to be set.

**<Setting of Fetch>**

- From the Custom menu in the menu bar, select "New shortcut".
- Name: A desired name
- Type: Folder
- Server name: 192. 168. 0. \*\*\* (\*\*\*) is the value set for the DV40.)
- User name: Does not need to be set.
- Password: Does not need to be set.
- Directory: / (slash)

**6) Open the connection with the appropriate setting, and transfer a file.**

**<If you use WS-FTP>**

Before transferring a file, make sure to select "Binary" or "Auto" from among "ASCII", "Binary" and "Auto" shown in the center of the window.

**<If you use Fetch>**

Before transferring a file, make sure to set "Mode" to "Auto" and "Format" to "Auto".

**<Note>**

*When transferring an SD2 file, select the "MacBinary" format. When transferring a BWF file, select the "RawData" format.*

**When connecting the DV40 to a LAN:**

To connect the DV40 to a LAN, use a straight cable to connect the DV40 to a hub (see page 13-2 of the operation manual for details).

For details about FTP application setting, see "When connecting between a PC and the DV40 directly" above.

**<Note>**

*If the IP address or sub net mask is not appropriately set when connecting the DV40 to a LAN, it may have bad influence on the LAN. Consult a network administrator if you have any question and make sure to set these items appropriately.*

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