YAMAHA
DSP5D Editor
Installation Guide

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DSP5D Editor

The DSP5D Editor enables you to remotely monitor/control the Yamaha DSP5D digital mixing system, save the parameter settings on your computer, and also prepare the DSP5D settings beforehand by editing the parameters offline.

Installing the Software

	Procedures	Windows
1	Verify that your system meets the operating requirements of each software program.	page 4
2	Install the Studio Manager and each Editor.	page 4
3	Install the Driver to your computer.	page 5
4	Configure the network settings.	page 6
5	Start up the Studio Manager, then start up the Editor.	page 8

For subsequent operations, refer to the PDF manual from the [HELP] menu in each software program.

Software installation

Minimum System Requirements

The system requirements below may differ slightly depending on the particular operating system.

OS	Windows 7 : Ultimate/Professional/Home Premium Windows Vista : Ultimate/Enterprise/Business/Home Premium/Home Basic Windows XP : Professional SP2 or later/Home Edition SP2 or later/Tablet PC Edition 2005 Mac OS X : 10.5.8/10.6.x
Hard Disk	100MB or more
Display	1024 x 768 pixels or higher; High Color (16-bit) or higher
Other	Pointing device such as a mouse, Ethernet (100BASE-TX/10BASE-T) port

Windows Vista / 7

CPU	32bit : 1.4GHz or higher Intel Core/Pentium/Celeron family processor 64bit : Intel 64 compatible processor
Available Memory	1GB or more (2GB or more on Windows 7 64-bit)

Windows XP

CPU	800MHz or higher Intel Core/Pentium/Celeron family processor
Available Memory	512MB or more

Mac OS X

CPU	Intel Core family processor
Available Memory	1GB or more

> **NOTE** The Minimum System Requirements described above are applied to the DSP5D Editor version 2.2.5 (2.2.6 for Mac). Keep in mind that the software is often updated and the system requirements are subject to change. You can check the latest version information of each program and its system requirements at the following website
> http://www.yamahaproaudio.com/
>
> The system requirements may differ slightly depending on the particular computer.

Installing software

To use DSP5D Editor, you'll need to install the following software programs. Follow the appropriate instructions below.

- **Studio Manger**
- **DSP5D Editor**
- **DME-N Network Driver (for Windows) / Network-MIDI Driver (for Mac)**

Studio Manager Installation

Studio Manager is a cross-platform application that enables you to use multiple Editor programs for remotely controlling Yamaha hardware from your computer, and allows you to save the Editor settings for instant recall. For specific instructions on using the software, refer to the PDF manual from the [HELP] menu in the Studio Manager and each Editor.

> You can download the latest version of Studio Manager at the following website. For specific installation instructions, refer to the installation guide included in the downloaded file.
> http://www.yamahaproaudio.com/

DSP5D Editor Installation

Follow the instructions below to install the software programs.

1 Double-click "setup.exe" (Windows) or "Install DSP5D Editor.pkg" (Mac) in the compressed file (you have downloaded).

A setup dialog of DSP5D Editor is displayed.

> **NOTE** When running under Windows Vista / 7, the "User Account Control" dialog box may appear. Click [Continue] or [Yes].

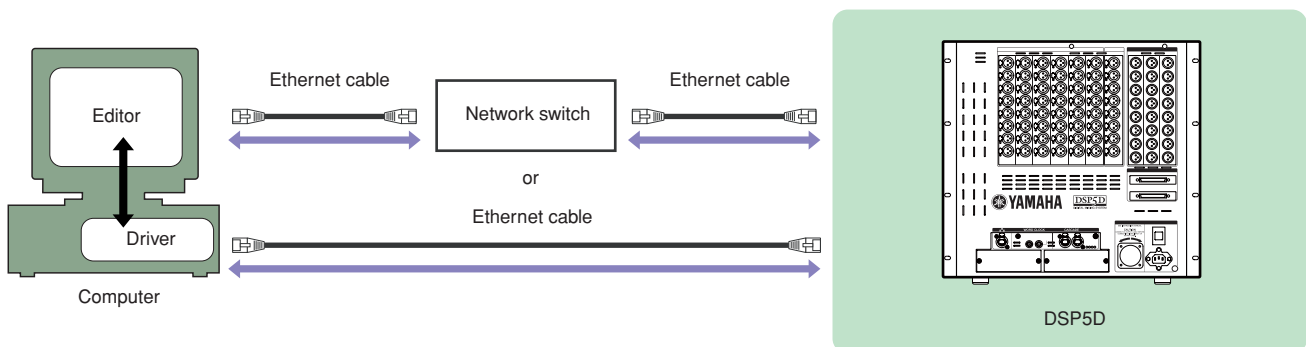**2 Follow the on-screen instructions to install the software.**

> **NOTE** For specific instructions on using the software, refer to the PDF manual from the [HELP] menu in each program.

Driver Installation

To operate the DSP5D from your computer via Ethernet, you'll need to install the DME-N Network Driver software or the Network-MIDI Driver software. You'll also need to set up DME-N Network Driver or the Network-MIDI Driver after installation. For details, refer to the "DME-N Network Driver Installation Guide for DSP5D" or the "Network-MIDI Driver Installation Guide."
You'll refer to "Network Settings" for the set values of DSP5D and your computer (page 6.)

DME-N Network and Network-MIDI Driver are software that transfers MIDI data back and forth between your computer and the DSP5D via Ethernet cable. Connect the computer to the DSP5D by using an Ethernet cable via a network switch. When you connect the computer to the DSP5D directly, you can use either a crossover or straight cable.

You can download the latest version of DME-N Network Driver and Network-MIDI Driver at the following website. For specific installation instructions, refer to the installation guide.
http://www.yamahaproaudio.com/

Network Settings

Network settings of the DSP5D

• **When connecting the computer to the DSP5D directly.**

You can use the following initial settings. If you don't know the current network settings, you can restore the following initial settings by initializing the internal memory.

IP address	192.168.0.129
Gateway address	192.168.0.1
Subnet mask	255.255.255.0

• **When you connect the computer to the DSP5D via LAN.**

Set the appropriate address in accordance with LAN.
Your computer and the DSP5D should exist in the same subnet in the same network address.
The DSP5D is Class C device. If you set the IP address, the first three numbers are set same value at your computer and the DSP5D.

IP address	Sets the IP address so that it does not conflict with the IP address of any other device on the network.
Gateway address	If you set the IP address, the first three numbers are automatically set. Set the last number of the IP address of the gateway when the gateway exists. Set the vacant address when the gateway does not exist.You should set the address in the same subnet as IP address.The address should be set in the same subnet as IP address within LAN in which the subnet is set.
Subnet mask	Use an initial setting of [255.255.255.0] in LAN environment in which the subnet is not set.

Network settings of the computer

If you are connecting the DSP5D to your computer in a one-to-one connection, we recommend that you make the following settings.
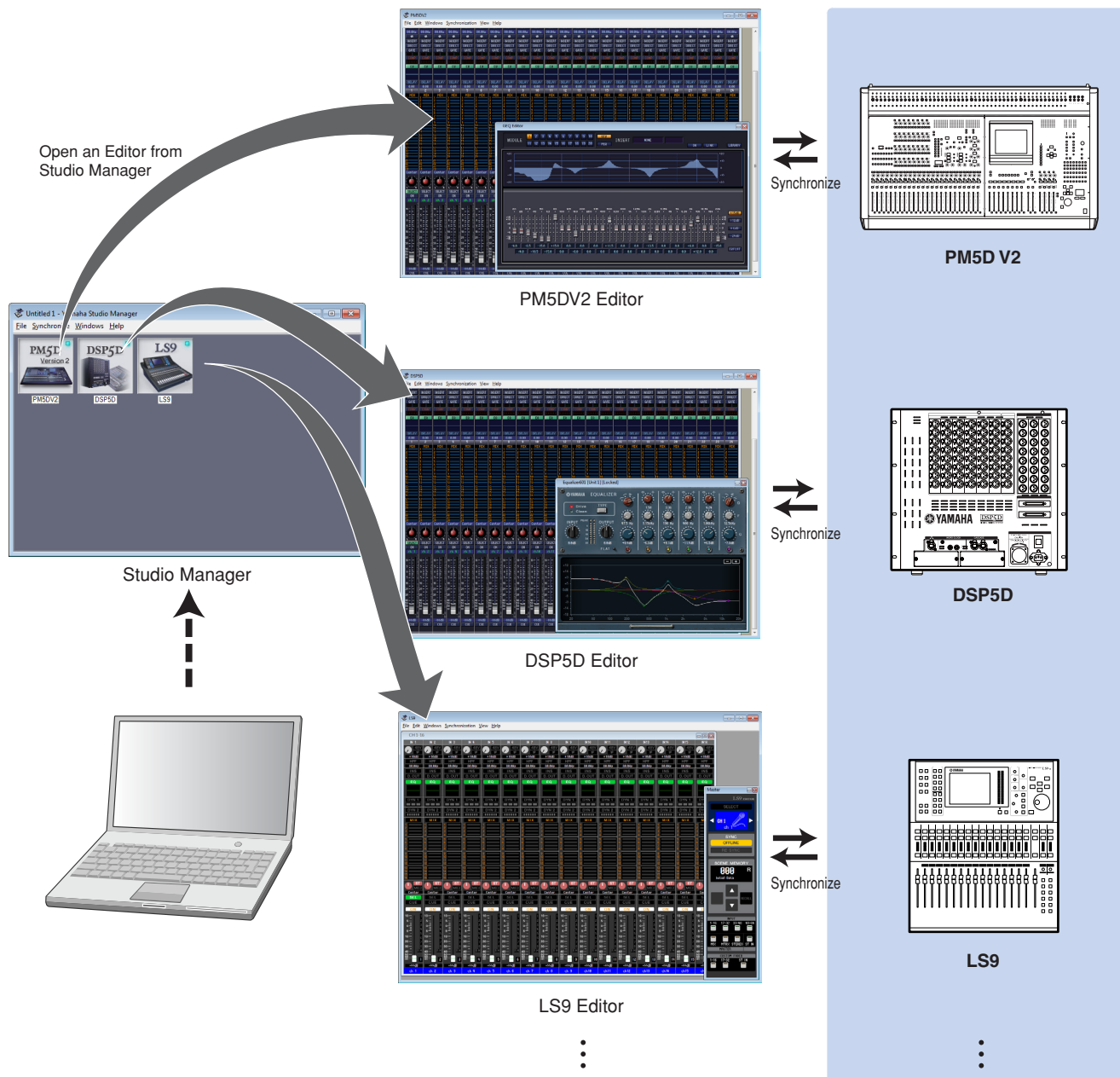
IP address	192.168.0.3
Subnet mask	255.255.255.0 (Fixed)
Default gateway (Router)	192.168.0.1

NOTE The DSP5D cannot be directly connected if the IP address is assigned automatically.
Please contact your network administrator for further detail.

Overview of Studio Manager

Studio Manager is a cross-platform application that enables you use multiple Editor programs for remotely controlling Yamaha hardware from your computer, and allows you to save the Editor settings for instant recall.

Open an Editor from
Studio Manager

PM5DV2 Editor

Synchronize

PM5D V2

Studio Manager

DSP5D Editor

Synchronize

DSP5D

LS9 Editor

Synchronize

LS9

The settings of each Editor can be saved and recalled together from Studio Manager. In other words, you can change the settings of your entire system in a single operation by recalling the settings for multiple devices from Studio Manager. This capability is referred to as "Recall."
When you want to save setting files, you can do this from Studio Manager to recall multiple devices at once, or from an individual Editor to recall only a specific device.

Starting and setting up Studio Manager

You'll need to perform the following setup in order to use the Editors in Studio Manager.

1 Start up Studio Manager.

For Windows:
Click the [Start] button, place your mouse cursor over [Programs (All Programs)] → [YAMAHA Studio Manager], then click [Studio Manager].

For Mac OS X:
Select and open the "Applications" folder, the "YAMAHA" folder, then the "StudioManager" folder, then double-click "SM2."
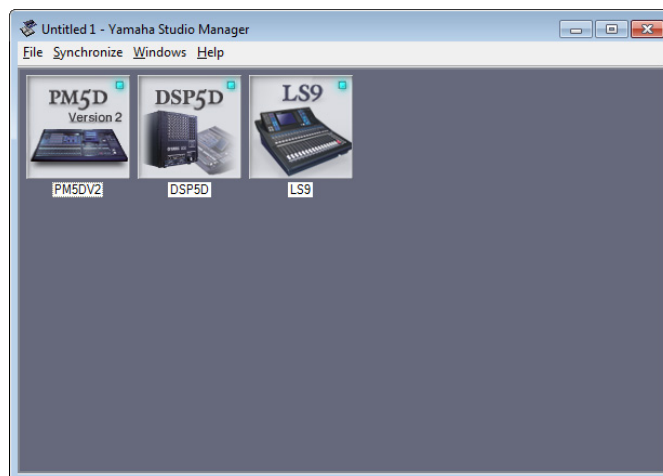
2 Set up Studio Manager.

For details, refer to the PDF manual, found in the [Help] menu on the Studio Manager.

NOTE On the Macintosh, do not execute the Studio Manager via Rosetta. The DSP5D Editor cannot be added to the Studio Manager via Rosetta.

3 Start up each Editor.

In the Studio Manager window, double-click the icon for each Editor.

Studio Manager window

4 Set up each Editor.

For details, refer to the PDF manual, found in the [Help] menu on each Editor.

5 Synchronize each Editor with your mixing console.

For details, refer to the PDF manual, found in the [Help] menu on each Editor.

Uninstall (removing the installed application)

To remove the installed Editors and Studio Manager if using Windows:

When using Windows Vista / 7
Select [Start] → [Control Panel] → [Programs and Features] or [Uninstall a program], then select the application to be removed and click [Uninstall/Change].
Follow the on-screen instructions to unistall the application.
If the "User Account Control" window appears, click [Continue] or [Yes].

When using Windows XP
Select [START] → [Control Panel] → [Add/Remove Programs] → [Install/Uninstall], then select the application to be removed and click [Add/Remove...].
Follow the on-screen instructions to uninstall the application.

Troubleshooting

When controlling the DSP5D from your computer via Ethernet, the DSP5D does not operate correctly.

• Have you installed the latest DME-N Network or the latest Network-MIDI Driver?

• Is the Ethernet cable connected correctly?
   Connect the computer to the DSP5D by using an Ethernet cable via a network switch or router. When you connect the computer to the DSP5D directly, you can use either a crossover or straight cable. .... DSP5D Owner's Manual

• Is the DME-N Network Driver or the Network-MIDI Driver set up appropriately?
   Did you enter an appropriate IP address?
   ....DME-N Network Driver Installation Guide for DSP5D, Network-MIDI Driver Installation Guide

• Is the computer network setup appropriate?
   Please confirm the computer network settings.
   ....DME-N Network Driver Installation Guide for DSP5D, Network-MIDI Driver Installation Guide

• Are the settings of the DSP5D and network devices (including network switches) appropriate?
   .... DSP5D Owner's Manual, Network device's Owner's Manual

• Have you selected an appropriate network ports both in the Studio Manager and DSP5D Editor?
   ....DSP5D Editor Owner's Manual

• Is the firewall Anti Virus (security) function enabled?
   In that case, you might experience problems controlling DSP5D.
   ....DME-N Network Driver Installation Guide for DSP5D, Network-MIDI Driver Installation Guide