Roland® Fantom G6/G7/G8
Driver Installation Guide

04905112   08-02-1N

Disconnect your USB devices
Disconnect all USB cables from your computer, except for a USB keyboard and/or USB mouse (if used). Do not connect the Fantom-G to your computer yet.

Close all software
Close all software and utility programs including anti-virus software.

In order to connect the Fantom-G to your computer and use it, you must install the driver and make settings.

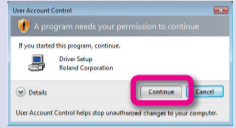## Proceed to the next step as appropriate for your operating system.

Mac OS X

Windows Vista
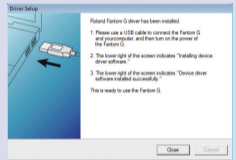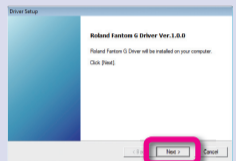
1 Preparations for installation

1. Insert the included "Fantom-G Editor CD-ROM" into your computer.
2. Start up the installer driver.
   1. Choose [Start] — [Computer].
   2. Double-click "DVD/CD-ROM drive."
   3. Double-click the DRIVER folder.
   4. Double-click the Vista folder.
   5. Double-click the Setup icon.
3. If a User Account Control screen appears, click [Continue].
   If the screen indicates "Driver installation must be performed by an administrator," you must log on to Windows as a user whose account type is Administrator, and perform the installation again.

This completes the preparations for installing the driver.

2 Driver installation and connections

1. The screen will indicate "Roland Fantom G Driver will be installed on your computer."
   1. Click [Next].
      If a different message appears, proceed as directed by that message.
   2. To begin the installation, click [Next].
2. If a Windows Security dialog box appears, click [Install].
   The screen will indicate "The Fantom G driver has been installed."
   If a different message appears, proceed as directed by that message.
3. Use a USB cable to connect the Fantom-G to your computer.
   1. Turn off the power on the Fantom-G.
   2. Use a USB cable to connect the Fantom-G to your computer.
4. Turn on the power on the Fantom-G.
   1. Turn on the power on the Fantom-G.
   2. The message "Installing device driver software" will appear near the taskbar, and the driver will be installed automatically.
      If a different message appears, proceed as directed by that message.
   3. Installation is complete when the screen indicates "Device driver software installed successfully."
5. Click [Close] to complete the installation.
   1. In the "Driver Setup" dialog box, click [Close].
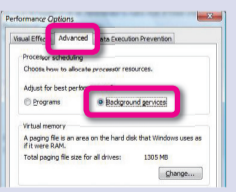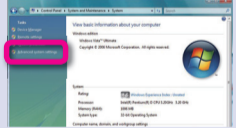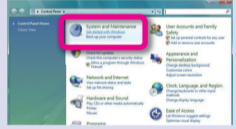   2. If the "System Settings Change" dialog box appears, click [Yes] to restart Windows.

This completes the driver installation.

3 Performance Options settings

By making these settings you may be able to prevent clicks or pops in the sound. Be sure to make the settings as described below.

1. Open the System Properties dialog box.
   1. Choose [Start] — [Control Panel]. The control panel will open.
   2. Click [System and Maintenance].
   3. Then click the [System] icon.
2. In the area at left, click "Advanced system settings."
3. If a User Account Control screen appears, click [Continue].
   If you are asked to enter the password of an Administrator account, log on to Windows as a user whose account type is Administrator, and then make the settings again.
4. Open the performance options dialog box.
   1. Click the "Advanced" tab, and in the Performance area click [Settings].
5. Enable "Background services."
   1. Click the "Advanced" tab.
   2. In the "Processor scheduling" area, choose "Background services" and click [OK].
   3. In the System Properties dialog box, click [OK] to close System Properties.

This completes the performance options settings.
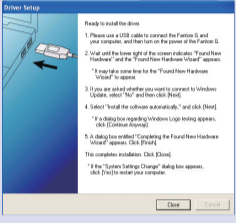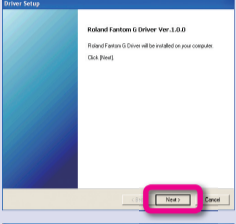
4 Input/output device settings

In order to take full advantage of your software, make input/output device settings for your software as described below. For details on the procedure, refer to the user's guide for the software you're using.

MIDI device	MIDI OUT device: Roland Fantom G MIDI IN device: Roland Fantom G * In the Windows Media Player, the MIDI input/output device of Fantom-G cannot be used.
WAVE device	WAVE OUT device: OUT (Roland Fantom G) WAVE IN device: IN (Roland Fantom G) * If you've renamed this in the control panel "Sound" settings, the name you specified will appear. In WDM/KS compatible applications such as Cakewalk SONAR, this will appear as "Roland Fantom G."
ASIO device	If you're using the Fantom-G with an ASIO-compatible application such as Cubase, choose "Roland Fantom G" for the ASIO settings of your application. * To prevent audio feedback loops or double monitoring, turn off monitoring in your application, or set things so ASIO Direct Monitoring is used. * The Fantom-G does not support ASIO Direct Monitoring. Support is emulated for your convenience. * If you're using the Fantom-G with ASIO, we recommend that you make settings in your application so that the Microsoft GS Wavetable SW Synth is not used. (This is in order to decrease the processor load, and for convenience in changing the buffer size of the driver.)

Windows XP

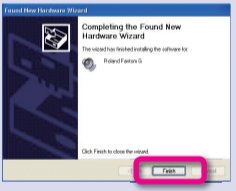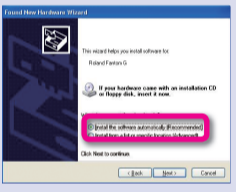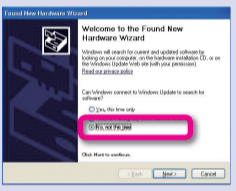## 1 Preparations for installation

1. Insert the included "Fantom-G Editor CD-ROM" into your computer.
2. Start up the driver installer.
   1. Choose [Start] — [My Computer].
   2. Double-click "DVD/CD-ROM drive."
   3. Double-click the DRIVER folder.
   4. Double-click the XP folder.
   5. Double-click the Setup icon.
3. Click [Next] as instructed by the "Driver Setup" dialog box.
   1. The "Driver Setup" dialog box will appear. Click [Next] as directed in the screen.
   2. To begin the installation, click [Next] once again.
      If a dialog box regarding Windows logo testing appears, click [Continue Anyway].
   3. The "Roland Fantom G Driver will be installed on your computer" dialog box will appear.

This completes the preparations for installing the driver.

2 Driver installation and connections

1. Use a USB cable to connect the Fantom-G to your computer.
   1. Turn off the power on the Fantom-G.
   2. Use a USB cable to connect the Fantom-G to your computer.
2. Turn on the power on the Fantom-G.
   1. Turn on the power on the Fantom-G.
   2. The message "Found New Hardware" will appear near the taskbar, and then the "Found New Hardware Wizard" will appear.
      If the Found New Hardware Wizard asks whether you want to connect to Windows Update, choose "No, ..." and click [Next].
3. Choose the installation method.
   1. Choose "Install the software automatically (Recommended)," and click [Next].
      If a dialog box regarding Windows logo testing appears, click [Continue Anyway].
4. Click [Finish] to complete the installation.
   1. Make sure that "Roland Fantom G" is displayed, and click [Finish].
   2. In the "Driver Setup" dialog box, click [Close].
   3. If the "System Settings Change" dialog box appears, click [Yes].
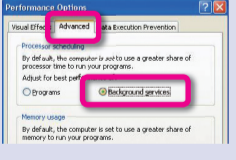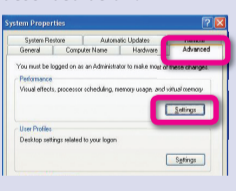   4. Restart Windows.

This completes the driver installation.

3 Performance Options settings

By making these settings you may be able to prevent clicks or pops in the sound. Be sure to make the settings as described below.

1. Open the System Properties dialog box.
   1. Choose [Start] — [Control Panel]. The control panel will open.
   2. If the screen indicates "Pick a category," click [Performance and Maintenance].
   3. In "or pick a Control Panel icon," click the [System] icon.
2. Open the Performance Options dialog box.
   1. Click the "Advanced" tab, and in the "Performance" area, click [Settings].
3. Enable "Background services."
   1. Click the "Advanced" tab.
   2. In the "Processor scheduling" area, choose "Background services" and click [OK].
   3. In the System Properties dialog box, click [OK].

This completes the performance options settings.

4 Input/output device settings

In order to take full advantage of your software, make input/output device settings for your software as described below. For details on the procedure, refer to the user's guide for the software you're using.

MIDI device	MIDI OUT device Roland Fantom G MIDI IN device Roland Fantom G
WAVE device	WAVE OUT device Roland Fantom G WAVE IN device Roland Fantom G
ASIO device	If you're using the Fantom-G with an ASIO-compatible application such as Cubase, choose "Roland Fantom G" for the ASIO settings of your application. * To prevent audio feedback loops or double monitoring, turn off monitoring in your application, or set things so ASIO Direct Monitoring is used. * The Fantom-G does not support ASIO Direct Monitoring. Support is emulated for your convenience. * If you're using the Fantom-G with ASIO, we recommend that you make settings in your application so that the Microsoft GS Wavetable SW Synth is not used. (This is in order to decrease the processor load, and for convenience in changing the buffer size of the driver.) * In Cubase SX, if the Fantom-G's sampling frequency is different than Cubase SX's project setting, a message such as "Sample could not be set" may appear, and you will be unable to record or play back correctly. If this occurs, you can ensure correct operation by opening "Project Setup," making sure that the sampling frequency matches, and clicking [OK].

Mac OS X (10.4.3 or later required)

1 Driver installation

1 Insert the included "Fantom-G Editor CD-ROM" into your Mac.

2 Start up the Mac driver installer.
  1. Double-click **Fantom-G Editor CD-ROM**.
  2. Double-click the **Driver** folder.
  3. Double-click **FantomGUSBDriver.pkg**.

FantomGUSBDriver.pkg

3 As directed by the "Install Roland Fantom G Driver" screen, click [Continue].
  1. **"Install Roland Fantom G Driver"** will appear; click [**Continue**] as directed in the screen.
  2. When **"Select a Destination"** appears, select the startup disk, and click [**Continue**].
  3. When **"Easy Install"** appears, click [**Install**] (or [**Upgrade**]).
     If an authentication dialog box appears, enter the password you use for Mac OS, and click [OK].
  4. When **"Installing this software requires you to restart ~"** appears, click [**Continue Installation**].
  5. When you see **"The software was successfully installed,"** click [**Restart**] to restart your Mac.
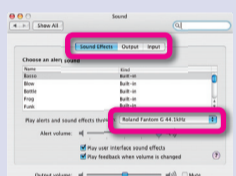
This completes the driver installation.

2 Connecting the Fantom-G to your Mac

1 Use a USB cable to connect the Fantom-G to your Mac.
  1. Turn **OFF** the Fantom-G's **POWER** switch.
  2. Use a USB cable to connect the Fantom-G to your Mac.
     Connect the cable to a USB connector on the Mac itself (not to the USB connector on your keyboard).

2 Turn on the Fantom-G's power.
  1. Turn on the Fantom-G's **POWER** switch.

This completes the connections between the Fantom-G and your Mac.
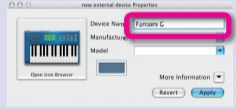
3 Audio input/output settings

1 In the Mac OS "System Preferences," click "Sound."

2 Choose "Roland Fantom G 44.1 kHz" for the following items.
  1. **Sound Effects** tab "Play alerts and sound effects through"
  2. **Output** tab "Choose a device for sound output"
  3. **Input** tab "Choose a device for sound input"

This completes the audio input/output settings.

4 MIDI input/output settings

1 Start up Audio MIDI settings and make the settings.
  1. In the Mac OS **Applications — Utilities** folder, double-click **Audio MIDI Setup**.
  2. Click the **MIDI Devices** tab.
  3. In the **Audio MIDI Setup** dialog box, make sure that **"Fantom G"** is shown.
     If "Fantom G" is not shown, or is grayed-out, the Fantom-G has not been detected correctly. Try clicking "Re-scan MIDI." Also try powering the Fantom-G off, then on again.

2 Add "Fantom G" as an external device.
  1. Click **"Add Device."** The screen will indicate **"new external device."**

3 For "new external device," change "Device Name" to Fantom G.
  1. Click the added **"new external device"** to select it, and click **"Show Info."**
  2. In the **"Device Name"** field, enter **"Fantom G"** and close the dialog box.

4 Connect the up/down arrows that indicate input/output ports as follows.
  1. Using the mouse, drag the up/down arrows of the originally shown **"Fantom G"** to connect them to the up/down arrows of the newly added **"Fantom G."**

5 Verify that MIDI transmission/reception is occurring correctly.
  1. Click **"Test Setup."** The mouse cursor will change to the shape of a musical note.
  2. Click the newly added Fantom G. If the sound generator produces sound, the settings have been made correctly.
     The following step will cause the sound generator to produce a fairly loud sound, so please turn down the volume of the sound generator before you continue.

6 Click "Test Setup" once again to finish the test.
  1. Close the **Audio MIDI Setup** dialog box to finish the settings.

This completes the MIDI input/output settings.

5 If you're using the Fantom-G from within software

1 Use a USB cable to connect the Fantom-G to your Mac, and then start up your software.

2 In the Audio Driver settings of the software you're using, choose "Roland Fantom G 44.1 kHz."

3 In the MIDI Driver settings of the software you're using, choose Fantom G.

For details on how to make these settings, refer to the user's guide for the software you're using.

? Troubleshooting

Check the following items first. For other problems, or for directions on how to uninstall the driver, refer to Readme_E.htm on the CD-ROM.

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Can't install the driver

- **Did you log on to Windows with the appropriate user privileges?**
  You must log on to Windows as a user whose account type is Administrator.

Can't select/use the Fantom-G device

- **Is the driver correctly installed?**
  If you're unable to use the Fantom-G even though the driver was installed, it is possible that the driver was not installed correctly. Re-install the driver following the correct procedure.

- **Is the Fantom-G's MIDI/WAVE device name displayed?**
  If you're using Windows and the device name is not displayed, close all applications that are using the Fantom-G, turn off the Fantom-G's power, then turn it back on again.
  If this does not solve the problem, install the driver once again.

- **Could your computer have entered Sleep or Standby (Suspend) mode while the Fantom-G was powered up and connected?**
  If the Fantom-G does not operate correctly after your computer returns from Sleep or Standby (Suspend) mode, close all the software you're using, and then turn the Fantom-G's power off, then on again.

- **While using the Fantom-G, could you have disconnected and reconnected the USB cable or switched the Fantom-G's power off, then on again?**
  If you disconnect and reconnect the USB cable or cycle the power to the Fantom-G during use, it may stop operating correctly. In this case, close all the software you're using, and then turn the Fantom-G's power off, then on again.

- **On some computers, if Windows is started up when the Fantom-G is already connected, the driver might not be loaded correctly, making it impossible to use the Fantom G via USB.**
  In this case, turn on the Fantom-G's power after Windows has started up, or connect it after Windows has started up.

A number such as "2-" is now displayed at the beginning of the device name

- **Could you have connected the Fantom-G to a different USB port?**
  If you connect the Fantom-G to a different USB port, the operating system may automatically add a number to the beginning of the device name. This should not be a cause for concern when using the Fantom-G.

Using your computer to edit the Fantom-G

The Fantom-G Editor CD-ROM contains "Fantom-G Editor," which lets you edit the Fantom-G from your computer, and "Fantom-G Librarian," which lets you manage various data on your computer.

Fantom-G Editor

Fantom-G Editor is software that lets you edit the Fantom-G's parameters from your computer.

In addition to editing Studio Sets and Live Sets, you can edit the Patches, Rhythm Sets, and Sample Sets used in these sets.

- **Fantom-G Editor plug-in version**

  This is the plug-in version of Fantom-G Editor; it can be used as a plug-in from within your DAW (Digital Audio Workstation) application.

  VSTi (Windows/Mac OS) and Audio Units (Mac OS) are supported, allowing you to use this plug-in to edit the Fantom-G's parameters from a VSTi compatible DAW (such as SONAR), or from an Audio Units compatible DAW (such as Logic) in the same way as you edit a plug-in synthesizer.

- **Fantom-G Librarian**

  Fantom-G Librarian is software that lets you manage various types of Fantom-G parameter data on your computer.

  This allows you to efficiently manage large numbers of Live Sets, Studio Sets, Patches, Rhythm Sets, Sample Sets, Arpeggios, Chords, Arpeggio Sets, and Chord Sets on your computer.

  You can use this when the Fantom-G is connected to your computer via USB, or by reading/writing parameter data via USB memory.

For details on installing and using this software, refer to QuickStart_E.pdf, which can be found in the QuickStart folder of the Fantom-G Editor CD-ROM.

* The QuickStart_E.pdf is provided as PDF files. You'll need Adobe Reader (available free of charge) in order to view PDF files.

Please also read the Readme_E.txt provided on the Fantom-G Editor CD-ROM.