

# **Boris Continuum Complete™ 4.0 Install Guide**

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## Introduction

Welcome to Boris Continuum Complete (BCC) version 4.0. For more information about Boris products, or to register your copy of Boris Continuum Complete, visit our web site at [www.borisfx.com](http://www.borisfx.com).

This Installation Guide contains instructions for installing Boris Continuum Complete 4.0 inside each of the supported host applications. Look for your operating system, then follow the instructions in that section.

For information on supported operating systems and host applications, new features, important information for each host, and known limitations, see the Release Notes located on the Boris Continuum Complete CD-ROM.

## Technical Support

Contact Boris technical support at: [www.borisfx.com/support](http://www.borisfx.com/support).

## Supported Hosts

Boris Continuum Complete 4.0 supports the following host applications.

### Macintosh

- Adobe® After Effects® 5.5 and later
- Apple® Final Cut Pro® 4.1 and later
- Apple® Motion® 2.0 and later
- Autodesk® Combustion® 2.1 and later
- Boris Red® 3GL and later

### Windows

- Adobe® After Effects® 5.5 and later
- Adobe® Premiere Pro® 1.5 (Premiere version 7.5)



BCC 4.0 does not support Premiere Pro 1.0 (Premiere version 7.0)

- Autodesk® Combustion® 2.1 and later
- Eyeon® Fusion® 3.0 and later
- Quantel® Q Systems® via V. D. S.® Synapse® software
- Liberty® Paint® V. D. S.® Synapse® software



BCC 4.0 supports Quantel Q Systems and Liberty Paint hosts via V. D. S. Synapse software. See [www.videodesignsoftware.com/products/synapse.php](http://www.videodesignsoftware.com/products/synapse.php) for more information.

- Boris Red® 3GL and later

## Minimum System Memory Requirements

We recommend the following memory requirements for both Macintosh and Windows users.

- Minimum 512 MB (assigned to host application)
- Recommended 512 MB (assigned to host application)

## Supported Operating Systems

Boris Continuum Complete 4.0 supports the following operating systems:

### Macintosh

Mac OS™ X 10.2.8 and above, including Mac OS X Tiger

### Windows

Microsoft® Windows® 2000, and Windows XP®

## Compatibility with Older Versions of Boris Continuum Complete

Boris Continuum Complete 4.0 settings are compatible with prior releases subject to the following qualifications.

### Users with BCC 3.x Installed

For users who currently have BCC 3.x on their system, installing BCC 4.0 will seamlessly replace the older filters with the new 4.0 versions of these filters. Rendered and unrendered effects will not be affected by the switchover from BCC 3.x to BCC 4.0. If you are still using BCC 3.0, several gradient presets will be added to your BCC 3.0 Presets folder which you can load into filters that use the Gradient Load and Save controls. These gradient presets were also included in the BCC 3.0.1 update.



**Note for Premiere Pro users:** Due to improvements to Time filters in Premiere Pro, some Time filter presets created in earlier versions are not compatible with BCC 4.0.

## Users with BCC 2.x Installed

If you have Boris Continuum Complete version 2.x installed, running the Boris Continuum Complete 4.0 installer will not remove the older filters. BCC 4.0 filters can coexist with 2.x versions of BCC. However, after installing BCC 4.0, we do not recommend you apply BCC 2.x filters to any new projects because it will be difficult to determine which version you are using.

Once you finish older projects and are confident that you do not have any BCC 2.x filters in any projects, manually remove the BCC 2.x filters from your plug-ins folder.



Installing BCC 4.0 filters will not delete older BCC version 2.x filters, and thus will not affect rendered effects created in earlier versions of BCC.



Presets created in BCC 3.x can be opened in BCC 4.0 filters, with the exception of the Time filter presets in Premiere Pro and BCC Match Grain presets.



BCC filters version 2.x and earlier cannot open BCC 4.x presets.

## Important Information for After Effects Users

The BCC 4.0 installer will install the 16-bit filters in the After Effects plug-ins folder, and the 8-bit filters in the following location:

### Macintosh:

*System Drive/Library/Application Support/BorisFX/Lib/BCC4BitDepthSupport/*

### Windows:

*System Drive:\Program Files\BorisFX, Inc\Lib\BCC4BitDepthSupport\*

The filters will automatically render in 16-bit or 8-bit, depending on your project bit depth.



Only the After Effects Production bundle supports 16-bit color depth.

## Note for Advanced After Effects Users

In some cases 16-bit rendering provides an advantage even for an 8-bit project. Some filters have complex multi-pass algorithms which can render more smoothly in 16-bit, even in an 8-bit project.

You can compare the rendering of your effect by switching the project bit depth between 8 and 16 bit. If the effect looks better in 16-bit (when applied to 8-bit media) than it does in 8-bit, you can either:

- Render the whole project in 16-bit.

- Quit AE and remove the 8-bit filter from the Applications Support folder. When you relaunch AE, BCC issues a one-time warning message that the 8-bit optimization is not present. Ignore this message, and the filter creates all internal processing in 16-bit.



Filters that are likely to benefit from 16-bit processing in an 8-bit project include all filters in the Lights category as well as: *Light Matte*, *Glow Matte* and *Colorize Glow*. Any composition in which you restrict the color space (for example, with levels or contrast), and then post process the image may look better in 16-bit.



The OpenGL filters (BCC Glare, BCC Glint, BCC Glitter, BCC Lens Flare and BCC Lens Flare Advanced) are 8-bit only.

## Installing on Macintosh OS™ Hosts

### Logging On to Your System

To successfully install BCC 4.0, you must log on as an *Administrator* or have *Administrator* (read / write) privileges.

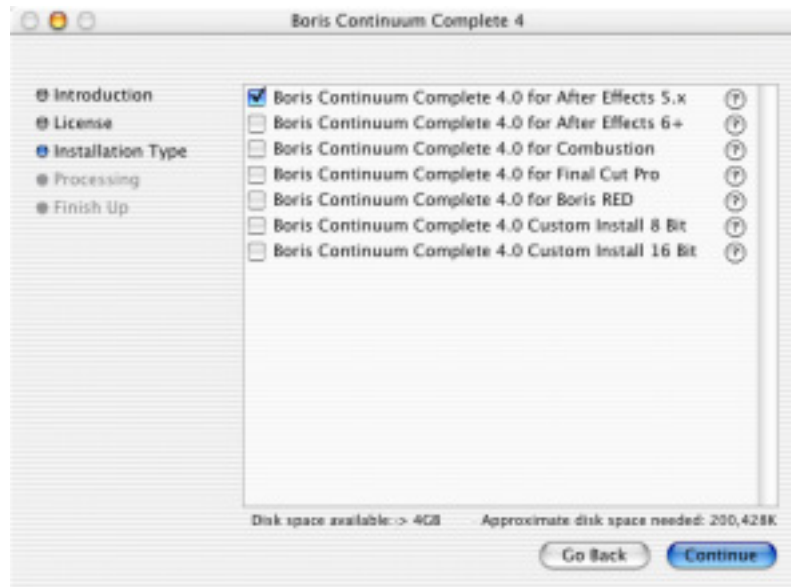
### Installing BCC 4.0



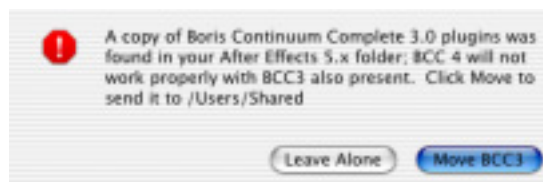
The following instructions apply to Macintosh hosts except for Apple Motion. For information on installing BCC 4.0 in Apple Motion, see the next section.

1. Launch the Installer application from the Boris Continuum Complete CD-ROM.
2. Enter your Administrator Name and Password. Click **OK**.
3. Enter your Name, Organization and Serial Number in the User Information dialog box. Include the hyphens when you enter the serial number. The product serial number is found in the front cover of your User Guide or on the registration card. Click **OK**.
4. Click **Continue** in the Introduction window.
5. Read the Software License Agreement. Click **Continue** and then **Agree**.

6. Select your host from the list in the Installation Type window. This installs the BCC 4.0 plug-ins in the default plug-ins folder for your host, as well as all of the necessary supporting files and documentation. To install into multiple hosts, select more than one. Click **Continue** after you make your selections.



For After Effects and Red users with BCC 3.x installed, the following dialog box appears. Click **Move BCC3** to transfer the BCC 3.x plug-ins folder to the Shared folder. This prevents After Effects and Red from loading both 3.x and 4.0 plug-ins when they are launched.



7. A dialog box appears allowing you to register BCC via the internet. Follow the instructions to register your copy.
8. A dialog box appears telling you that the installation is complete. Click **Continue** to perform an additional installation of BCC, or **Quit** the installer.

## Setting the Path for the Continuum Complete Filters in Motion

In Motion, you need to specify the location of third-party plug-ins, such as BCC. Once you set this preference, the filters appear in the 3rd Party Filters category of the Library. This means that if you have the BCC filters installed in another host on your system, for example Final Cut Pro, you don't need to install the filters into a separate folder for Motion.



If the filters are not installed in another host on your system, install them using the 4.0 Custom Install 8 bit option and then proceed with the following steps.

1. Choose Motion > Preferences or press Command-comma.
2. Click the General tab.
3. In the 3rd Party Plug-ins group, click the **Choose** button next to the **Search Path** menu.
4. Navigate to the folder that contains your BCC plug-ins, then click **Choose**.  
A dialog box informs you that the path change will take effect the next time you launch Motion.
5. Quit and relaunch Motion.

## Understanding Real-Time Performance in Motion

Unlike Motion's native filters, third-party filters do not benefit from Motion's real-time performance. Instead, you must use the Preview to RAM command to playback your projects at fullframe rate.

1. To preview your filters, use one of the following commands.
  - Choose Mark >RAM Preview > Play Range or press Command-R to preview all tracks in the chosen Play Range.
  - Choose Mark >RAM Preview > Selection or press Command-Option-R to preview the selection. Using RAM Preview on a selection, previews all visible layers of the selection.
  - Choose Mark >RAM Preview > All or press Shift-Command-Option-R to preview the entire timeline.

A progress dialog displays as the frame being rendered, how many frames remain and an approximation of the time remaining. When the RAM preview is complete, the dialog closes. The Timeline and the mini-Timeline turn green to indicate which frames are stored.

2. The frames stored in RAM are automatically cleared if you modify them. To manually clear the RAM, choose Mark >RAM Preview > Clear RAM Preview.

## Installing for Microsoft® Windows® Hosts

To correctly install Boris Continuum Complete on Windows systems, you must log on to your system as an Administrator.

1. Quit all applications.
2. Insert the Boris Continuum CD into the system's CD-ROM drive. The Boris Continuum installer automatically launches.

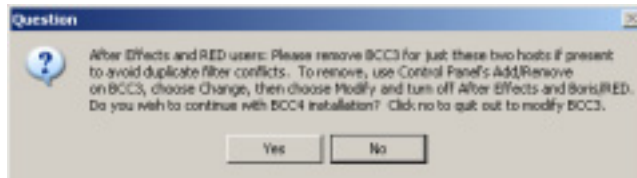


If after at least 15 seconds the Welcome to Boris Continuum Complete window does not appear, double-click "setup.exe" located within the "install" directory found at the root of the Boris Continuum CD.

3. Choose the language for installation from the menu and click **OK**.



For After Effects and Red users with BCC 3.x installed, the following dialog box appears. Click **No** to quit the installer and remove the BCC 3.x plug-ins before proceeding. This prevents After Effects and Red from loading both 3.x and 4.0 plug-ins when they are launched.



4. The Boris Continuum Complete License Agreement appears. Click to accept the terms of the license agreement and then click **Next**.
5. Enter your User Name, Company Name and Serial Number in the Customer Information screen. Include the hyphens when you enter the serial number. The product serial number is found in the front cover of your User Guide or on the registration card. Click **Next**.





## Installing BCC 4.0 into another Host

If you have already installed BCC 4.0 and want to install it into a different host or hosts, complete the following steps.

1. Quit all applications.
2. Insert the Boris Continuum CD into the system's CD-ROM drive. The Boris Continuum installer automatically launches.



If after at least 15 seconds the Welcome to Boris Continuum Complete window does not appear, double-click "setup.exe" located within the "install" directory found at the root of the Boris Continuum CD.

3. In the Welcome screen that appears, select **Modify**, then click **Next**.
4. In the Select Features window, the host(s) that BCC is already installed into are selected. Select the new host or hosts where you want to install BCC.



Leave any host selected into which BCC is already installed. If you deselect a host where BCC is already installed, the installer will uninstall from that host.

BCC 4.0 now installs into the newly selected hosts.

5. After installation, a Setup Complete window appears. Click **Finish**.

## Uninstalling BCC 4.0

To uninstall BCC 4.0 from your system or to partially uninstall BCC 4.0, complete the following steps.

1. Quit all applications.
2. Insert the Boris Continuum Complete CD into the system's CD-ROM drive. The Boris Continuum Complete installer automatically launches.



If after at least 15 seconds the "Welcome to Boris Continuum Complete" window does not appear, double-click "setup.exe" located within the "install" directory found at the root of the Boris Continuum CD.

3. Complete one of the following:
  - To completely remove BCC 4.0 from your system, select **Remove** in the Welcome screen that appears. Click **Next** and follow the onscreen instructions to uninstall.
  - To remove BCC from one or more hosts while leaving BCC installed into one or more hosts, select **Modify** in the Welcome screen that appears. Click **Next**. In the Select Components window that appears, hosts with BCC already installed are selected. Deselect only the host from which you want to uninstall BCC.



Leave a host selected if you want to keep BCC installed for that host. If you deselect a host that already has BCC installed, the installer will uninstall from that host.