
Torrent RIP Installation Guide

for Windows 2000/2003/XP and
Macintosh OS X

For Torrent v7.2

January 2007



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Torrent RIP Installation Guide for Windows 2000/2003/XP and Macintosh OS X

1 Introduction

This document describes the procedure for installing the Torrent RIP 7.2 release for Microsoft Windows 2000/2003/XP and Macintosh OS X. To ensure trouble free installation of the Torrent RIP, follow these instructions carefully. After installation you may want to test the RIP is working correctly by previewing a few fonts on screen. Section 11 on page 19 describes how to do this.

Please note the following issues that affect the Torrent RIP v7.2 release:

- The Harlequin License Server (HLS) is installed at the same time as the Torrent RIP. The Torrent RIP v7.2 release must use v3.7 of the Harlequin License Server. For more information, see Section 1.2 on page 4.
- The Harlequin License Manager application is provided to help manage your licenses and to allow the addition of extra permits. See Section 9 on page 17 for more information.
- Try Before You Buy options are now available. For more information, see Section 12 on page 20.

1.1 Dongles

Windows users:

The supported dongles for the Torrent RIP v7.2 release are SuperPro (USB or Parallel). Unsupported dongles are CPlusB (also known as C + B) and Activator, and should be replaced with a supported dongle type. If your unsupported dongle enables extra options such as fonts, you will need an upgrade dongle into which you should plug your unsupported dongle.

Mac OS X users:

The supported dongle for the Torrent RIP 7.2 release is SuperPro USB. Unsupported dongles are Eve 3 and Eve2, and these should be replaced with a supported dongle type.

1.2 Harlequin License Server

The Harlequin License Server (HLS) is installed at the same time as the Torrent RIP. The Torrent RIP 7.2 release must use v3.7 of HLS. Installation of HLS is not an option and is performed automatically. It is important that the dongle is plugged-in **before** any attempt

is made to start HLS. The HLS service automatically starts up when the computer boots up, and when the Torrent RIP is started. You can, if you wish, manually start and stop the HLS service. If the service is stopped, the RIP will not work.

If you have a supported dongle type, the License Server will read the dongle ID, ascertain that it is valid and give the RIP permission to run by creating a valid “permit”, which the RIP checks when it starts up.

Windows users: If you have an unsupported dongle, you must have a supported upgrade dongle added to the dongle chain so that the License Server can get a valid dongle ID. The upgrade dongle is plugged into the port, and the unsupported dongle must be plugged into the upgrade dongle. This allows any features keyed to the old dongle (such as third party fonts, output formats, and so on) to continue to work. Please note, in this case, that the new dongle is an upgrade dongle and not a full RIP dongle. It will not enable a RIP on its own.

For more information, see “License Manager Security Alert” on page 14.

1.2.1 Changing the clock

Before installing a Torrent RIP v6.0 (or later) release together with the HLS, you must ensure the computer clock is correctly set. Any change made to the computer clock after installation, specifically turning the clock backwards so that the date is changed, may prevent HLS from using permits. Launching and running a dongled RIP will not be affected but any function enabled through a permit may fail. This includes, but is not limited to: “Try Before You Buy” (TBYB), JDF and PPM.

Note: Changes made to the clock to correct for small amounts of “drifting” and for daylight saving will not affect HLS.

2 Supplied components

The Torrent RIP package contains the following components:

- *Pre-Press Solutions* 3 disk CD-ROM set—containing the Torrent RIP, Harlequin License Server, Harlequin License Manager, user manuals, ProofReady Plugins (and HighWater imagesetter and CTP plugins, plus other HighWater Pre-Press applications and utilities).
- Dongle—this must be plugged into the computer before attempting to start the RIP and whenever the Torrent RIP is running.

3 System requirements

For optimum RIP performance, it is important for the computer running the Torrent RIP to have a good system specification, with plenty of free disk space, a powerful processor and ample system memory. Refer to Table 1. and Table 2. for the recommended system specifications for running the Torrent RIP. Also, you should not run other processor/memory intensive applications when the RIP is processing jobs, as they could slow down the performance of the RIP.

The *Torrent User's Guide* describes the features of the RIP that can affect throughput and shows how you can improve performance. See Chapter 2, “Running the Torrent RIP” in the *Torrent User's Guide* manual for details.

Component	Minimum requirements
Processor	<ul style="list-style-type: none"> • A Pentium III 450MHz or faster
Operating System	<ul style="list-style-type: none"> • Windows 2000 Pro, or Windows 2000 Server with SP3, SP4 (recommended) • Windows Server 2003 v5.2 (recommended) • Window XP Pro or Home edition SP2
Hard drive	<ul style="list-style-type: none"> • 4 GB free space (minimum)
System memory	<ul style="list-style-type: none"> • 256 MB for the RIP • Add an additional 8 MB RAM for each composite PostScript font used in a single job • Add an additional 12 MB for Harlequin Precision Screening (HPS) • Add an additional 256 MB for TrapPro • Add an additional 32 MB for EDS Screening • Add an minimum of 32 MB or 64 MB (preferred) if you intend to run the HEDs screening plugin.
Port	<ul style="list-style-type: none"> • Parallel / USB port for the Sentinel security dongle
CD-ROM	<ul style="list-style-type: none"> • CD-ROM drive for installing the Torrent RIP
Minimum monitor specification	<ul style="list-style-type: none"> • 800 pixels x 600 pixels (to prevent scroll bars)

Table 1. Torrent RIP system recommendations (Windows)

Component	Minimum requirements
Processor or platform	<ul style="list-style-type: none"> PowerMac G3, G4, G5 or Intel Mac
Operating System	<ul style="list-style-type: none"> Macintosh OS X 10.4.x (10.4.7 recommended) Macintosh OS X 10.3.x (10.3.9 recommended)
Hard drive	<ul style="list-style-type: none"> 4 GB free space (minimum)
System memory	<ul style="list-style-type: none"> 256 MB for the RIP Add an additional 8 MB RAM for each composite PostScript font used in a single job Add an additional 12 MB for Harlequin Precision Screening (HPS) Add an additional 256 MB for TrapPro Add an additional 32 MB if you intend to run EDS Screening in the output plugin Add a minimum of 32 MB or 64 MB (preferred) if you intend to run the HEDS screening plugin.
Port	<ul style="list-style-type: none"> USB port is required for the Sentinel dongle
CD-ROM	<ul style="list-style-type: none"> CD-ROM drive for installing the Torrent RIP
Minimum screen resolution	<ul style="list-style-type: none"> 1024 pixels x 768 pixels (to prevent scroll bars)

Table 2. Torrent RIP system recommendations (Mac OS X)

3.1 Special notes

This section contains useful information you should note before installing the RIP.

3.1.1 Memory considerations

Mac OS X users:

The maximum possible program memory size is 3 GB.

Windows users:

If you want the RIP to make use of memory greater than 2 GB you must add the `/3GB` switch to the `Boot.ini` file and then reboot the machine.

If you require more information about the `Boot.ini` file, an article titled “Reviewing and Correcting Boot.ini Settings on x86-based Systems” is available at www.microsoft.com.

If the RIP has been started prior to adding the `/3GB` switch, the size of the available address space stored in `sw\Config\ConfigureRIP` will be incorrect. To reset the RIP’s memory size after adding the `/3GB` switch, you should change the `/MaxAddressSpaceSize` value to 0; the RIP will then determine the new size automatically.

Similarly, if you downgrade from a 3 GB capable OS to a 2 GB OS (for example, by removing the `/3GB` switch), the memory size information in the RIP configuration will be wrong and will cause problems. Manually edit `sw\Config\ConfigureRIP` to set the `/MaxAddressSpaceSize` value to 0; this will cause the RIP to redetermine the address space size.

Using Migrate will reset the `/MaxAddressSpaceSize` value to 0.

The platforms that support the `/3GB` switch are:

- Windows 2000
- Windows XP
- Windows Server 2003
- Later versions of these platforms

4 Installation

This section describes how to install the Torrent RIP and its associated products. Close all other applications before installing the Torrent RIP.

The summary of the installation procedure is:

1. Attach the dongle.
2. Shut down any previous installations of the Torrent RIP and any application using the HLS before attempting to install the new RIP.
3. Make sure the computer clock is set correctly. See “Changing the clock” on page 5 for the reason.
4. The HLS must be stopped before attempting to install a new RIP. See Section 8.3 on page 16 for more information. (The HLS should be automatically shut down by the installer.)
5. Run the Product Installer, and install the RIP and dongle drivers. See Section 4.3 on page 10.
6. Load the dongle drivers. See Section 5 on page 12.
7. Start the HLS service. (The HLS should be automatically started by the RIP.)
8. Start the RIP. See Section 10.1 on page 18.

Windows users: For maximum flexibility when using Windows XP with multi-user accounts, the RIP must be installed and run by a User Account that is “computer administrator”. User Accounts that are “limited” cannot read or write to the RIP’s configuration files unless it has been installed by that particular user. Therefore, under Windows XP, all users should have administrator privileges. Alternatively, when a RIP runs on a dedicated machine, only one administrator account is needed and the “Welcome Screen” and “Fast User Switching” options can be disabled via the control panel “User Accounts” menu.

4.1 Passwords and dongles

Users upgrading from previous Torrent RIP versions may need an additional password to enable this version to run with their dongle.

Dongles issued with Torrent versions 5 or 6 will not enable a Torrent version 7.x RIP unless this additional password is entered in the “Revision” dialog box displayed when you first try to run the new version 7.x Torrent RIP. This password is known as a “Rev7” or “Version7” code on your Torrent code sheet.

If your dongle was originally purchased with a software version prior to v7 and you do not already have a copy of your “Rev7 code” please contact sales@highwater.co.uk with the following information:

- Version of Torrent RIP you are trying to run
- Dongle Part number
- Dongle Serial number
- Dongle Security number

HighWater - PowerMac	
PU1-N-23-33DX-2	← Part number
SN: 41792	← Serial number
Security: 33609-37	← Security number

Any previously purchased layered RIP options, such as passwords for TrapPro, ColorPro, Simple Imposition, etc., remain valid in this version of the RIP. Simply enter your existing passwords into the new RIP installation in the **Torrent > Configure RIP > Extras** dialog box. The only exceptions to this are any EasyTrap or TrapPro Lite passwords which must be upgraded to TrapPro — please contact sales@highwater.co.uk for details.

4.2 Groups and users

When installing it is recommended that you:

- Install the RIP as an *Administrator*.
- Run the RIP as a *User*.

To do this, the relevant read, write and execute permissions need to be set for a designated *group*, whose members are able to run the RIP.

This is a manual operation which involves setting up *groups* and adding users as members to those groups, then changing the permissions of the RIP directories accordingly.

For example:

1. Use Computer Management to create a new user group called, for example, *RIPusers*.
If necessary, refer to the System Help for details on how to create a new user group.
2. Add the Administrator and any RIP users as members of that group.
3. Install the RIP as Administrator (see below for details).

4. As Administrator still, change the top-level directory of the Torrent RIP (and all enclosed files and directories) to have read, write and execute permissions for the group called *RIPUsers*.

Any user belonging to the *RIPUsers* group will be able to run the RIP.

4.3 Installation procedure

1. To ensure you have the necessary privileges for installing the Torrent RIP, log on as *administrator*.
2. Insert the Pre-Press Solutions CD 2 into the drive. The CD will automatically open its home page using your Web browser.
3. Scroll down to Torrent RIP you wish to install and click on either the Windows or Mac icon, depending on which platform you are installing on.
4. On the next screen click on the relevant link to install the required Torrent RIP.
5. Next, a 'File Download' dialog appears. Select either **Run this program from its current location** and click on **OK**, or click on the **Open** button. (If you see any security warnings, select the options required to continue with the installation.)
6. The Product Installer shown below (Windows dialog shown) allows you to easily install the Torrent RIP products contained on the CD:

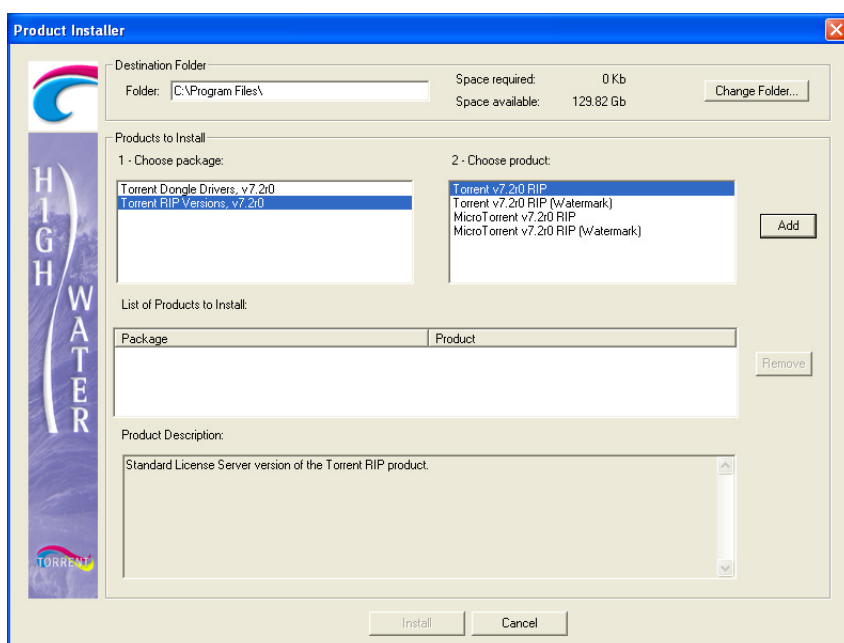


Figure 1. List of Products to install (Windows version)

Choosing a destination folder:

7. Choose a destination folder for the products you are about to install. The default location is shown in the **Destination Folder** text box. If necessary, change this to suit your own requirements. Enter the location into the text box, or click **Change folder** and navigate to the folder. You must not install the Torrent RIP into the same folder

as another Torrent RIP even if you are upgrading from an earlier version of Torrent. To upgrade you must first install 7.2r0 into a new folder, and then use the Migrate Utility (Pre-Press Solutions CD 2) to copy settings from the old RIP to the new 7.2r0 installation. Please refer to the separate *Torrent RIP Migration Utility* manual for further details.

Adding products:

8. On the CD, products are grouped into two packages. From the packages list choose from the following:

Torrent RIP Contains the Torrent RIP.

Drivers Contains dongle drivers used by the Torrent RIP which, if you are installing for the first time, *must* be installed along with the RIP.

9. The product list shows all the products available in the package. Select the product you want to install and click **Add**. The product is added to List of Products to Install window, as shown in Figure 2.

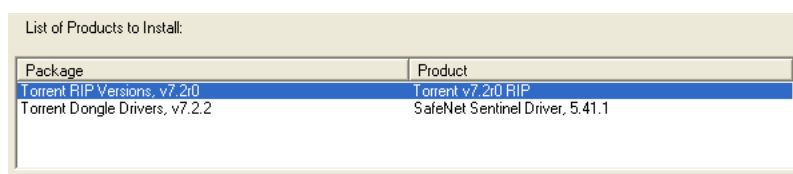


Figure 2. List of Products to install

10. Continue adding products, as required, to the list. (Typically, you will add a Torrent RIP plus the Rainbow Sentinel Driver.)

The disk space needed for the chosen products is shown at the top of the Product Installer window. Check that you have sufficient disk space before proceeding with the installation.

Installing the products:

11. Click **Install**. If you are performing an upgrade, before any files are copied, a message is displayed warning that no RIPs or products using HLS can be running during the installation. Make sure this is the case and then click **Yes** to continue. If a RIP or a product using HLS is running click **No** to abort to installation.

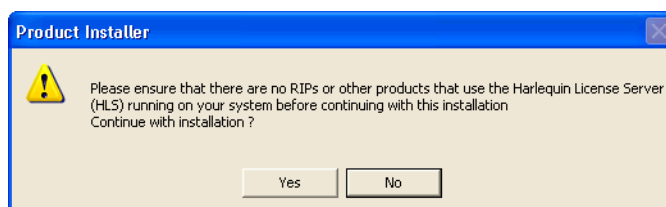


Figure 3. Prompt to quit any products using HLS

12. **Mac OS X users:** Installation of the License Server requires you to enter your administrator password. If you have the required privileges, enter your password or phrase followed by **OK**.

13. When the installation is done, close the Product Installer window. You may add other products by reloading the installation program. If you later add optional extras, such as printer drivers and other plugins, you *must* install them in the same folder as the RIP.
14. If you later install an interface card, to drive a printer, press or imagesetter, it is *not* necessary to reinstall the Torrent RIP. However, you will most likely need to install the appropriate optional device plugin for the RIP to work correctly with the output device.

5 Loading the dongle drivers

Mac OS X users: Installing the RIP now automatically installs the dongle drivers required for this version. If you are installing a RIP for the first time all you need to is restart your Macintosh after installing the RIP to start the dongle drivers before attempting to run the RIP. If, however, you are upgrading from a previous version of the Torrent Macintosh RIP, the earlier version dongle driver will conflict with the new version, preventing you from running the 7.2 RIP.

Please delete the `Macintosh HD/System/Library/Extensions/Sentinel.kext` file and restart your Macintosh after installing the 7.2 RIP to avoid this conflict.

Windows users: The security dongle supplied with the Torrent RIP has its own set of drivers. These *must* be installed and loaded if the dongle is to allow the RIP to load successfully. If you have not already done so, add them from the drivers package (as described in Section 4.3 on page 10) and proceed as follows:

1. If during the installation procedure you decided to add the dongle drivers, you will find the dongle installer in the `[RIP path]\TORR7.2r0\Sentinel` folder within your Torrent RIP installation.
If during the installation you decided not to add the dongle drivers, you can go back and re-run the installer to add the drivers.
2. Double-click `setup.exe` to start the dongle installation wizard.
3. Follow the instructions as they appear in the wizard.
4. If asked to, restart your computer after installing the drivers.

6 Network considerations (Windows users only)

If you wish to publish AppleTalk printers, the AppleTalk protocol *must* be installed on your system.

Windows 2000 and 2003 users

On Windows 2000 and Windows Server 2003, the Appletalk protocol is supplied with the Operating System, but is not installed by default. Therefore, you must ensure that the Appletalk protocol is installed before starting the RIP.

Note: If you have removed AppleTalk from your Windows 2000 or Windows Sever 2003 system, you must reinstall it before starting the RIP.

Windows XP users

Windows XP does *not* contain the AppleTalk protocol and, in this case, HighWater Designs Limited supplies the AppleTalk protocol from Miramar Systems Inc. to use instead.

Note: The Miramar protocol option must be enabled with a password. Contact your sales representative if you do not have a Miramar password.

To install the Miramar AppleTalk protocol on Windows XP:

1. Click **Start > Control Panel**, and double-click **Network Connections**.
2. Right-click **Local Area Connection** and then click **Properties**.
3. On the **General** tab, click **Install**.
4. Click **Protocol** and then click **Add**.
5. Click **Have Disk....**
6. Click the **Browse...** button and locate the folder containing the Miramar AppleTalk protocol.
Note: The 'Miramar' folder is located at the top level of your RIP folder (for example, C:\Program Files\HighWater Designs\TORR7.2r0\Miramar). This folder is only created if the Torrent RIP installer detects it is running on Windows XP.
7. Select the 'Attrans.inf' file and click on **Open**.
8. Select the **Network protocol** dialog and select **Miramar AppleTalk Protocol**, and then click **OK**.
9. Restart your computer to complete the installation.
10. In the Torrent RIP you will be asked to supply the Miramar password when you first enable an AppleTalk input channel. After entering the password, the AppleTalk protocol is enabled (you will not be asked to supply the password again).

Note: If you do not wish to use Appletalk, you can remove the following file before starting the RIP:

```
<Torrent RIP install folder>\SW\Inputs\atkplug\atkplug.i32
```

7 Security features with Windows XP SP2

Windows XP Service Pack 2 adds some new security features that potentially change the installation and use of products from HighWater Designs. This section describes the additional steps that are required when using the Torrent RIP on Windows XP SP2

platforms. No additional steps are required during installation of the Torrent RIP on Windows XP SP2. However, when you first run the Torrent RIP, the following prompt will appear:



Figure 4. Torrent RIP Security Alert

You should click **Unblock** and proceed to use the Torrent RIP as normal.

Please note that a similar prompt also appears when you first run the License Manager (as described in Section 8.3):



Figure 5. License Manager Security Alert

8 License Server

This section describes how to add new permit files and how to start and stop the HLS service. For more information on adding permit files, see Section 9.3 on page 18. The easiest way to start the service is to restart the machine. However, if this is not convenient, alternative methods exist and these are described in “Using the Torrent RIP” on page 18.

8.1 Permit files and licenses

HighWater Designs’ products are certified to run by licenses. Licenses are provided via permit files or by dongles. Without a license the product is not permitted to start, resulting in the following typical error messages:

```
License Server failure (0xC8001005): permit for this software not available
License Server failure (0xC8001006): no free licenses available.
```

Permit files may contain multiple licenses. Each license allows one instance of the product to start. For example, if a permit contains two licenses for JDF Enabler, two instances of JDF Enabler are allowed to run concurrently.

Product authorization is obtained from the dongle attached to the computer.

The permit files issued by HighWater Designs are “keyed” to specific HLS host server(s), as identified by the IP address, dongle number and/or machine ID of the HLS host in the permit file. A permit file may not, therefore, be used on any machine whose dongle, ID or IP address is not known.

Permits generally have a very long expiry date. However, 45-day permits exist which are used to limit the life span of Try Before You Buy features in the Torrent RIP. A single permit file is often used to enable multiple products, such as the JDF Enabler and Try Before You Buy.

Licenses are released and are available for re-issue when a product is closed or after an abnormal program termination occurs. If the product and HLS are running on the same machine, the license is immediately available for re-issue when a product is closed. However, in cases where HLS and the product are installed on different machines, the license may not be available for up to two minutes after a product is closed.

Note: Permit files and licenses do not enable additional Torrent RIP options like TrapPro, Torrent ColorPro and printer plugins. These features are enabled in the RIP by entering a valid password in the Configure RIP Extras dialog box.

Note: If you change the dongle on a machine, it changes the HLS unique ID. Thus, if you have any permit files keyed to the unique ID of the previous dongle, those permit files will not be valid with the new dongle. Therefore, if you have for example, a JDF Enabler permit file keyed to dongle1, that would not be valid for use with dongle2. Swapping to dongle2 would prevent your JDF Enabler from working.

For information on the HLS, you can examine the `hls.log` file. See the table below for more information.

8.2 Location of the License Server components

After installation, the HLS components can be found in the following locations:

Windows users

HLS programs	<code>\Program Files\Common Files\Global Graphics Software\Harlequin License Server\</code>
License Manager	<code>\Program Files\Common Files\Global Graphics Software\License Manager</code>
Permit files	<code>\Program Files\Common Files\Global Graphics Software\Harlequin License Server Permits</code>
Log file	<code>\Program Files\Common Files\Global Graphics Software\hls.log</code>

Mac OS X users

HLS programs	<code>Library/Application Support/Global Graphics Software/Harlequin License Server</code>
License Manager	<code>Library/Application Support/Global Graphics Software</code>
Permit files	<code>Library/Application Support/Global Graphics Software/Harlequin License Server Permits</code>
Log file	<code>Library/Application Support/Global Graphics Software/hls.log</code>

8.3 Starting and stopping HLS

8.3.1 Windows users

The HLS service (`HarlequinLicenseServer`) starts automatically when Windows loads and when the RIP is started. To start and stop the service manually, do the following:

1. In Windows, open **Control Panel > Administrative Tools > Services**. The Services window opens showing all your services.
2. From the list, right-click **Harlequin License Server** and select **Start** or **Stop** from the shortcut menu that opens. The Service Control window appears briefly as the service is started or stopped.
3. Close all open windows to finish the procedure.

If you move `hqn_lsd.exe` from its original installation folder, the Harlequin License Server service will be prevented from starting and stopping. To resolve this problem you must remove the service with the command:

```
\<path to HLS>\hqn_lsd -remove
```

and then install it with the command:

```
\<path to HLS>\hqn_lsd -install
```

After doing this, you may start and stop the HLS service as described above.

Note: The `-install` command is useful if you think you have installed the HLS, but it does not appear as a Service within the Administrative Tools. Using the `-install` command will make the service appear.

8.3.2 Mac OS X users

HLS is installed in the Mac OS X `systemstart` folder and starts each time the computer is started and when the RIP is started. You can start and stop HLS manually by issuing the following commands in a Terminal window.

To start HLS:

```
sudo /sbin/SystemStarter start HarlequinLicenseServer
```

To stop HLS:

```
sudo /sbin/SystemStarter stop HarlequinLicenseServer
```

To check if HLS is running:

```
top | grep hqn_lsd
```

Note: `/sbin/SystemStarter` can only be run as `root`, hence the need for `sudo`. You can prepend this to any command to run it as `root`. You will be prompted for an administrator password). See `man SystemStarter` for more information.

9 The License Manager

The License Manager allows you to view license information, and to see which of your HLS host machines are running, both locally and on the network. You can also use the License Manager to add new permit files and to open the HLS log file.

For the License Manager to work the Harlequin License Server must be running. See Section 10 on page 18 for more information.

9.1 Starting the License Manager

To start the License Manager:

Windows users:

- Select **Start > Programs > Global Graphics > <RIP Version> > License Manager**.

Mac OS X users:

- `Library/Application Support/Global Graphics Software` and run **License Manager**.

After a slight delay, during which time the application searches for the HLS hosts, the application window opens.

9.2 Obtaining your machine identity

The Harlequin License Manager displays the ID and IP address of a machine (in the Host info window) as well as the dongle number (in the Dongle info window).

Note: If you are running a Torrent RIP, you can also find the ID of the dongle by looking at the **Torrent > Configure RIP > Extras** dialog box. The number you require is displayed in the **Trial code** field.

9.3 Adding a permit file to HLS

You can use the License Manager utility to add new permit files to the HLS host that is running on the same machine. The License Manager does not allow you to add permits to HLS hosts running on remotely connected servers.

To add a new permit file, select the local server in the Server list and click the **Add Permit** button, and then select the permit file you wish to add. After adding a new permit file, HLS automatically re-initializes itself and updates the license information for the new permit file you have just added.

The License Manager displays the currently available permit files. See Section 8.2 on page 16 for the location of the permit files.

10 Using the Torrent RIP

After installing the Torrent RIP, loading the dongle drivers and checking that the AppleTalk protocol is installed, you may start the RIP and start to process print jobs.

Note: Immediately after installation and before attempting to use the RIP you should ensure that the dongle is attached.

10.1 Starting the Torrent RIP

To start the Torrent RIP:

1. If the security dongle is not attached to the computer, you should make sure it is attached.
2. **Windows users:** To start the RIP, click **Start > Programs > HighWater Designs > Torrent 7.2 > Torrent 7.2**.
3. **Mac OS X users:** Double-click the desktop icon or open the Torrent RIP installation folder and double-click **Torrent**. The folder also contains Genlin (a calibration utility for the Torrent RIP), as well as a **Doc** folder that contains last-minute product release notes.

Note: The first time you start the RIP you may be presented with a dialog asking you to “Install the License Server” prompting for your **Administrator** password. Entering the password completes the HLS install and the start-up continues.
4. If it is the first time the RIP has been loaded, the Select User Interface Language window opens, as shown in Figure 6.. From the list, choose the user interface language to use for dialog screens, messages and menus in the RIP. If your preferred

language is not enabled, click **Enable** and enter the password when prompted (your RIP supplier can provide you with a password if you do not have one).

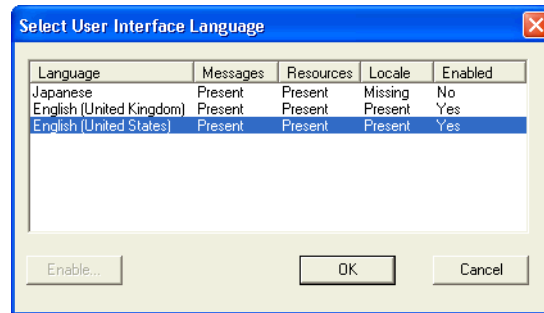


Figure 6. Select user-interface language

5. Click **OK** after choosing the language. The RIP loads and is now ready for use.

11 Testing the Torrent RIP

To confirm the Torrent RIP is installed and working correctly, we suggest that you proof some fonts on screen. The following procedure describes how to do this:

1. In the Torrent RIP choose **Fonts > Proof Fonts**. The Proof Highlighted Fonts window opens.
2. From the list, select four or five fonts then click **Proof**. The fonts are rasterized and the results are displayed on screen, as shown in Figure 7..

Palatino-Italic

abcdefghijklmnopqrstuvwxy
ABCDEFGHIJKLMN
1234567890-=!@#\$\$%^&()_*

Figure 7. Font proofs

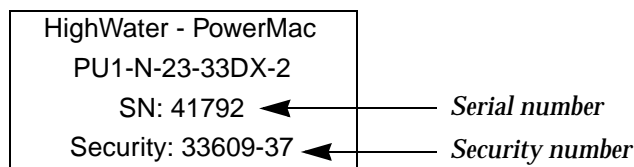
If this test completes satisfactorily the Torrent RIP is working correctly.

Now, refer to the *Torrent User's Guide* for full instructions on using the Torrent RIP.

12 Try Before You Buy licenses

If you would like to make use of a Try Before You Buy feature, you should contact your RIP supplier and request a license. You will be asked to provide the following information:

- *Serial number* of your dongle. This is a 3–5 digit number, as shown below:



- *Security number* of your dongle. This is a 3–5 digit number with a two digit checksum written on your dongle, as shown above. It is also displayed in your Torrent RIP monitor during start-up.
- *Trial code*. This code is displayed in the **Torrent > Configure RIP > Extras** dialog box in the **Trial code** field.

See Section 9.2 on page 18 for more information on how to obtain these numbers.

After you have provided this information, a `.tbyb` file will be sent to you.

12.1 Installing Try Before You Buy licenses

The following procedure describes how to install a Try Before You Buy license in the RIP (Torrent v6 SP4 and later only).

1. In the RIP, open the Configure RIP Extras dialog box (Figure 8.) by clicking **Torrent > Configure RIP > Extras**.

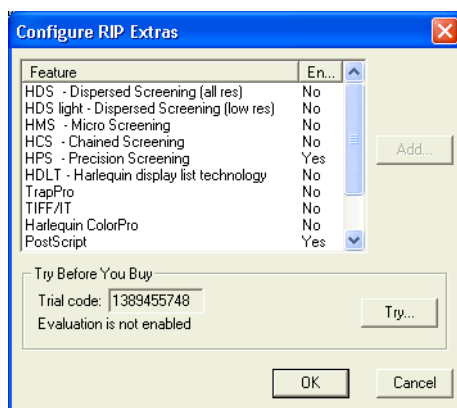


Figure 8. The Configure RIP Extras dialog box

2. Click the **Try** button and navigate to your Try Before You Buy license (`<file name>.tbyb`) that has been e-mailed to you. (If the **Try** button is not available, see “Manually installing a Try Before You Buy license” on page 21.)
3. Select the `.tbyb` file. If the installation is successful the following message appears:
Try Before You Buy installed sucessfully

Click **OK** to remove the message. The enabled trial options now show **trial** in the **Enabled** column.

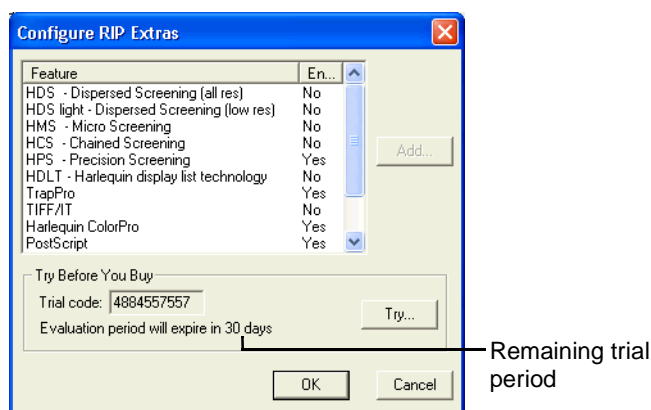


Figure 9. Configure RIP Extras dialog box showing trial features

4. Click **OK** until all open dialog boxes are closed to complete the procedure.
5. Restart your RIP.

The remaining period for the trial options is shown in the monitor window when the RIP starts and in the Configure RIP Extras dialog box.

When you install a TBYB file, two things occur:

- a permit is added to the License Server
- passwords are set

Therefore, if you select **Cancel** in any of the dialogs displayed after the **Extras** dialogs, the Trial will not be enabled. Cancelling will un-set the passwords, but the License Server will still have the permit. In this case, TBYB is still enabled but you are, in effect, evaluating *no* features, hence the message:

Evaluation period will expire in <n> days

where <n> is the number of days.

12.2 Manually installing a Try Before You Buy license

The following instructions describe how to manually install a Try Before You Buy license in the RIP. You may have to do this if the **Try** button in the Configure RIP Extras dialog box is unavailable, which occurs when the RIP and the Harlequin License Server (HLS) are installed on different machines.

To install a Try Before You Buy license manually, do the following:

1. Open the Try Before You Buy license in a text editor.
2. Copy the information between <Permit data starts> and <Permit data ends> into a new text file. Save the new text file with the name called **TBYB.hqn.permit**.
3. Copy the information between <Password data starts> and <Password data ends> into a new text file. Save the new text file with the name **TBYB.pwd**.

4. On the machine where HLS is installed, open your HLS permits folder, or create the folder if it does not already exist. The folder is located in the following place:

Windows: \Program Files\Common Files\Global Graphics
Software\Harlequin License Server Permits\

Mac OS X: Library/Application Support/Global Graphics
Software/Harlequin License Server Permits

5. Place the file `TBYB.hqn.permit` in the permits folder and then restart the computer.
6. On the machine where the RIP is installed, open the RIP passwords folder:

Windows: <Torrent RIP install folder>\SW\Passwords

Mac OS X: <Torrent RIP install folder>/SW/Passwords

and add the file `TBYB.pwd`.

7. Restart the RIP.

The Try Before You Buy features are now enabled in the RIP. The remaining evaluation period for the trial features is displayed in the RIP monitor window when the RIP loads, and in the Configure RIP Extras dialog box.

12.3 Post installation Try Before You Buy RIP messages

After installing a Try Before You Buy license, the Torrent RIP monitor displays the following helpful messages:

`Try Before You Buy evaluation period will expire in <n> days`

On the day the license is due to expire:

`Try Before You Buy evaluation period expires today`

And after the license has expired:

`Try Before You Buy evaluation period has expired`

12.4 Removing Try Before You Buy options

If you need to remove the Try Before You Buy options from a RIP, you can do this using the following procedure:

1. Shut down the RIP.
2. Stop the License Server. See Section 10 on page 18.
3. Move the file labelled `tbyb.installed.hqn.permit` from the following folder to a safe location:

Windows: \Program Files\Common Files\Global Graphics
Software\Harlequin License Server Permits\

Mac OS X: /Library/Application Support/Harlequin License Server/

4. Move the files of the form: `xxxxx-tbyb.installed.004` from the following location folder to a safe location:

`<Torrent RIP install folder>/SW/Passwords`

5. Restart the License Server (see Section 10 on page 18).
6. Restart the RIP. Check in the **Torrent > Configure RIP > Extras** dialog that the Trial options are no longer displayed.

If you need to re-enable the trial options, you may place the password and permit files back into the folders from which they came.