



# Spectra T50e Library

## Rack-mount Kit Installation Guide



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## Part Number

90970019 Revision C

## Revision History

Revision	Date	Description
A	August 2008	Initial release
B	November 2008	Added rack-mounting warning and feet installation note.
C	March 2016	Updated trademarks and warnings.

## Contacting Spectra Logic

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### To Obtain Documentation

**Spectra Logic Website:** [support.spectralogic.com/documentation/](http://support.spectralogic.com/documentation/)

# RACK-MOUNT INSTRUCTIONS

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These instructions describe how to install the Spectra® T50e library in a standard 19-inch (48 cm), four-post rack. Do not install the tape drives or media until *after* the library is installed in the rack.



## Warning

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The library is heavy (see product specifications for details). Use extreme caution and proper equipment when moving the library. Do not install components in the library until it is secured in the rack.

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## Important

Lift the library only by the sides—not by the front and back.

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## GATHER TOOLS AND SUPPLIES

Perform these tasks and note the warnings:

- Identify the location where you will install the Spectra T50e library.  
**Note:** For ease of use, install the library near the center of the rack so you can easily access the front panel, the access port, and the magazines.
- Assemble the rack, if necessary.



## Warning

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The rails provided with the library are designed for a standard 4-post 19-inch (48 cm) rack. *A 2-post rack will not support the weight of the library.*

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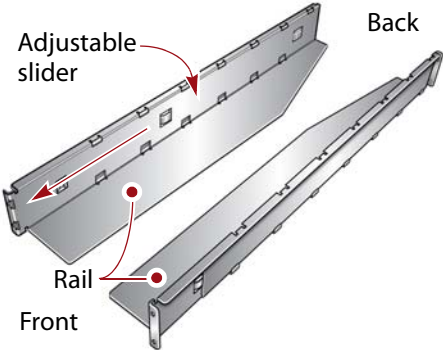
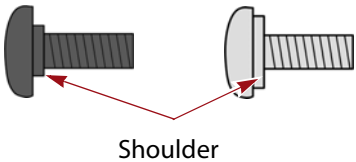

## Warning

To reduce the risk of personal injury or damage to equipment:

- Extend leveling jacks to the floor.
  - Ensure that the full weight of the rack rests on the leveling jacks.
  - Install stabilizing feet on the rack.
  - Extend only one rack component at a time. Racks may become unstable if more than one component is extended.
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- Obtain the following tools and equipment:
    - #2 Phillips screwdriver, magnetic if available
    - Level (recommended)

# INSTALL THE LIBRARY IN A RACK.

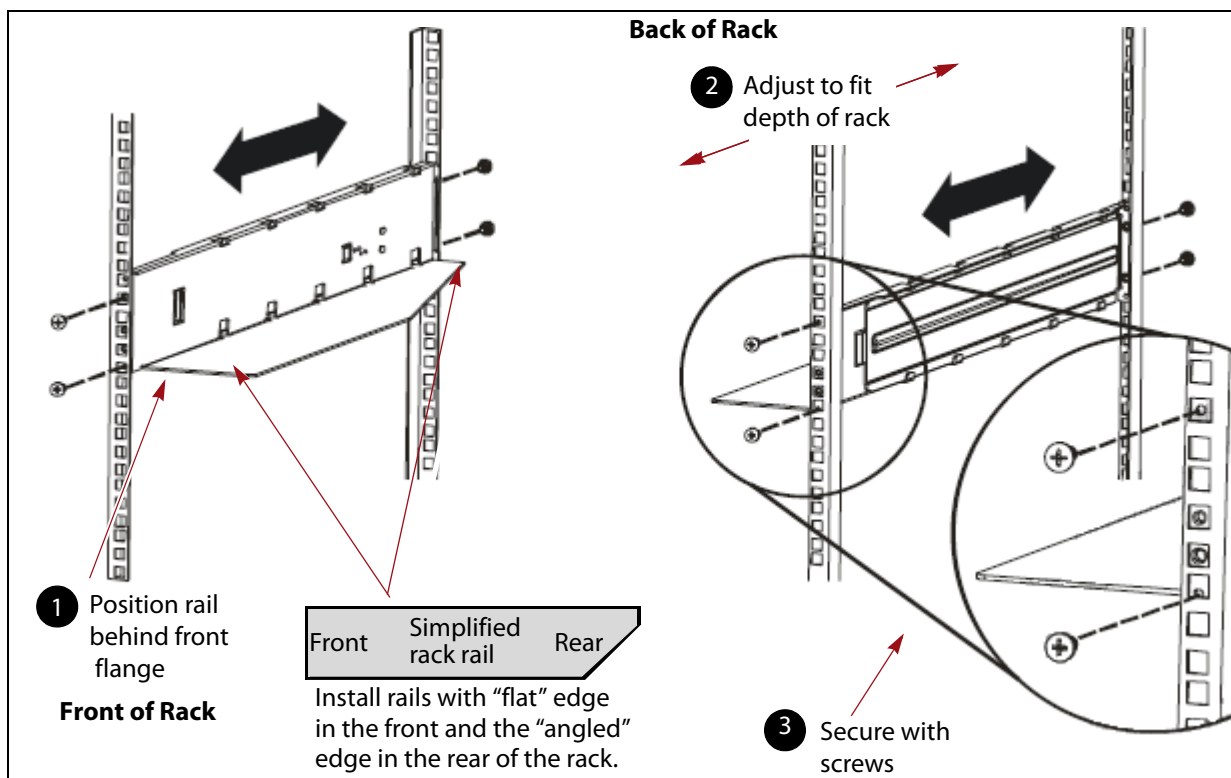
Unpack the rack-mount kit and identify the components listed in the following table.

Component		Use
Rail assemblies Qty = 2	 <p>The diagram shows two rail assemblies. One is labeled 'Adjustable slider' and the other is labeled 'Rail'. The rail has 'Front' and 'Back' ends indicated by arrows.</p>	Support the chassis in the rack. Each rail is pre-assembled and consists of the following components: <ul style="list-style-type: none"> <li>▪ Adjustable slider</li> <li>▪ Rails (2)</li> </ul>
M6 screws Qty = 16 (8 each)	 <p>The diagram shows two M6 screws. One has a larger shoulder and the other has a smaller shoulder. A red arrow points to the larger shoulder, which is labeled 'Shoulder'.</p>	Attach the rail assemblies to the rack. Size used depends on rack type. <ul style="list-style-type: none"> <li>▪ M6 x 8 mm (small shoulder)</li> <li>▪ M6 x 8 mm (large shoulder)</li> </ul> Use the screws with the larger shoulder for racks with square holes.
M5 x 12 screws Qty = 2	 <p>The diagram shows a single M5 x 12 screw.</p>	Secure the library mounting brackets to the rack.

## Install the Rails in the Rack

1. Position the left-side rail assembly in the rack so that the front flange is behind the front screw holes in the rack.
2. Adjust the length of the rail assembly as necessary to fit the depth of the rack.
3. Using a #2 Phillips screwdriver, install four M6 screws – two in the front and two in the rear – to secure the rail to the rack. Make sure that the front and back of the rail are attached to the rack at the same height on the front and back posts. Using a level simplifies the leveling procedure. Tighten the screws securely.

- Notes:**
- Two sets of M6 screws are provided. The type you use depends on the type of rack you have. Use the screws with the larger shoulder for racks with square holes.
  - To simplify the installation, have a second person support the rail while you install the screws.
  - Leave the middle hole in each rail empty. You will use them when attaching the library's mounting brackets to the rack.



**Figure 1** Install the rails in the rack.

4. Repeat [Step 1](#) through [Step 3](#) to install the right-side rail. Make sure you install the right-side rail at the same level as the left-side rail.
5. Verify that the rail is level from front to back and the shelf formed by the rails is level from left to right. Using a level is recommended.

## Mount the Library in the Rack



### Warning

The library is heavy (see product specifications for details). Use extreme caution and proper equipment when moving the library. Do not install components in the library until it is secured in the rack.



### Important

Do not install the rubber feet if you are installing the library in a rack. They are meant for a tabletop installation only.

1. Lift the library onto the shelf formed by the rails.
2. Slide the library completely into the rack so that the mounting brackets are against the posts.
3. Using a #2 Phillips screwdriver, install one M5 screw in each mounting bracket to secure the library to the rack, as shown in [Figure 4](#).



**Figure 2** Secure the library to the rack (right side shown).