

Installing a Recorder into a Rimage® Allegro™ 100 System

Use this procedure to install a replacement recorder, or to upgrade the recorder to Blu-ray, in an Allegro 100 system.

The procedures in this document should be performed only by trained technical personnel. The instructions and content are written for mechanical and electrical service work assuming the technician has such training and authorization. The product warranty may become void if equipment or parts are tampered with, misused, neglected, or modified in any respect without the written consent of Rimage.

Notes:

- Your system may not look exactly like the system pictured.
- Recorders used in the Allegro 100 system must be Rimage recorders. Non-Rimage optical drives may not function at all or may result in errors when picking/placing discs into the recorder.

Before You Begin:

1. Stop or pause all jobs.
2. Power off the **Allegro 100** system.
3. Disconnect the **power cord** and **USB cable** from the **Allegro 100** system.
4. Disconnect the **power cord** from the power outlet.
5. Remove all discs and bins from the **Allegro 100** system.

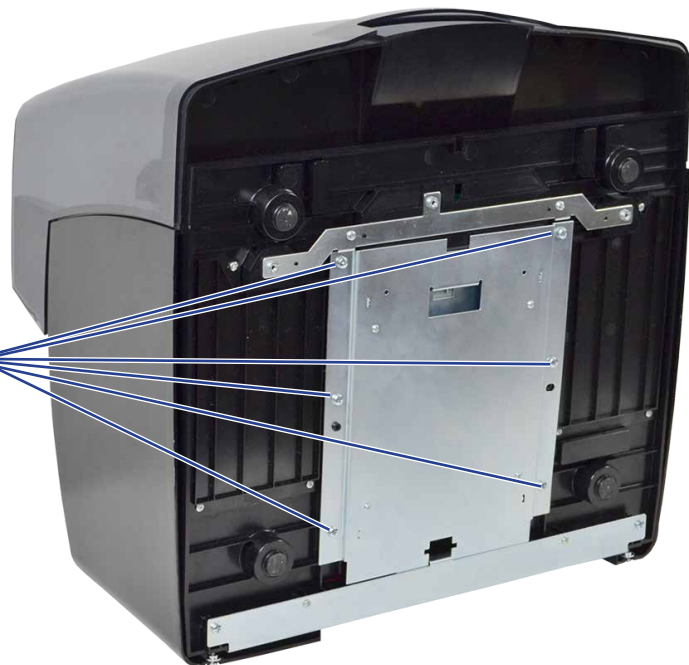
Required Tools:

- Torx T10 Screwdriver
- Phillips Screwdriver

Access the Recorder Bay

1. Place the **Allegro 100** system on a sturdy, flat surface, and access the bottom of the system by gently tilting the system back so that the back panel is resting firmly on the flat surface.
2. Remove the six (6) Phillips screws that hold the **recorder bay** in place.

Recorder Bay Screws




3. Open the **recorder bay** downward along the hinge toward the bottom of the bay.



Recorder Screws

4. Remove the four (4) Torx screws on both sides of the **recorder** to be replaced.


 **Tip:** If you are replacing both recorders, remove only one at a time so that you can use the other drive to align the drive easily.




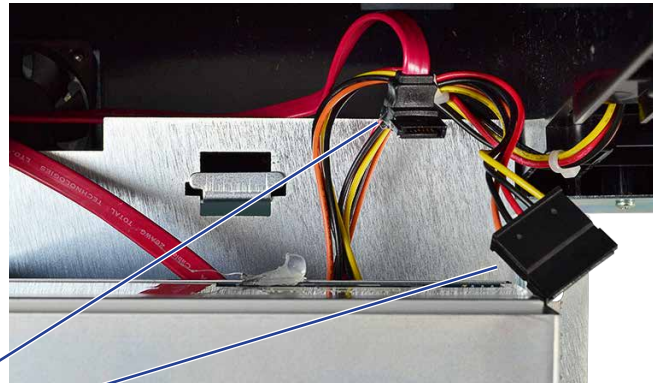
5. Push the **recorder** to the back of the **recorder bay** to easily access the **power cable** and **SATA cable**.



6. Disconnect the **power cable** and **SATA cable** from the back of the **recorder** that you wish to remove.

 **Note:** The power cable may be hot-glued in place. You may need to break the seal of the glue to disconnect the power cable. Remove residual glue from the back of the recorder and from the cable. Glue is not necessary to connect the power cable to the recorder.

 **Warning:** Do not attempt to hot-glue the power cable back into place. Doing so may damage your system.



Power Cable
SATA Cable

7. Remove the disconnected **recorder** from the **recorder bay**.



8. Insert the **replacement recorder** into the **recorder bay**.
9. Push the **replacement recorder** to the back of the **recorder bay** to easily access the **power cable** and **SATA cable**.
10. Connect the **power cable** and **SATA cable** to the back of the **replacement recorder**.

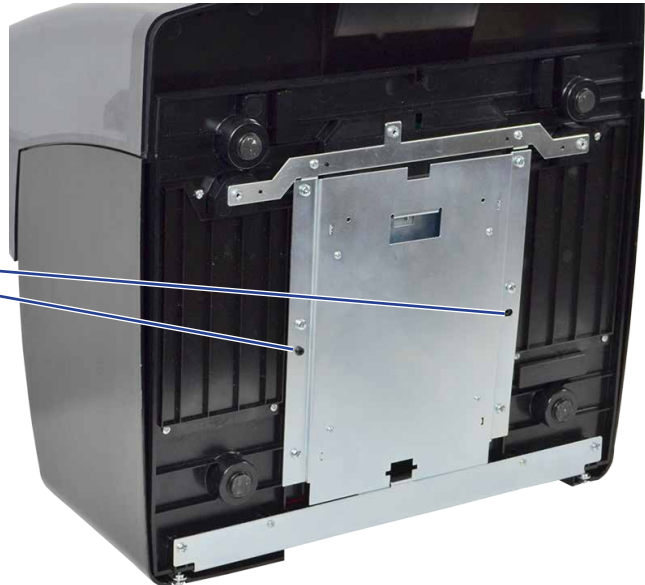


11. Align the **replacement recorder** as closely as possible to the existing **recorder**.
12. Align the screw holes of the **replacement recorder** with the screw holes in the **recorder bay** assembly.
13. Re-install the four (4) Torx recorder screws.



14. Close the **recorder bay**, setting it on the two **alignment pins** to properly align it with the undercarriage of the **Allegro 100** system.
15. Re-install the six (6) recorder bay Phillips screws.

Alignment Pins



Prepare the System for Use

1. Place the **Allegro 100** system back into a horizontal position.
2. Replace the bins and discs.
3. Reconnect the **power cable** and **USB cable**.
4. Plug the **power cable** into an electrical socket.
5. Power-on the **Allegro 100** system.
6. Reboot the computer connected to the **Allegro 100** system or manually restart Rimage Production Server.
7. The system is now ready for use.