

# DVR External Hard Disk Drive Storage

## OVERVIEW

Expand the recording and storage capacity of ViP-series DVR receivers using an external USB 2.0 hard disk drive.<sup>1</sup>

## COMPATIBLE RECEIVERS<sup>2</sup>

- ViP622 DVR™
- ViP722 DVR™

<sup>1</sup>For any DRM/copy protection restrictions, go to [www.dishnetwork.com](http://www.dishnetwork.com) and search for "copy protection."

<sup>2</sup>Enabled with future software upgrade.



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## INTRODUCTION

Connect a compatible USB 2.0 hard disk drive (HDD) to a compatible DISH Network DVR receiver to store your favorite DVR events. View the content from the HDD, or transfer stored events back to the receiver.

## TRANSFERRING CONTENT

Connect a compatible USB 2.0 HDD to one of the two USB 2.0 ports on the compatible receiver. Currently, you can only connect one USB device (such as an HDD or a PocketDISH) to the receiver at a time—the receiver will ignore the last device connected. However, you can connect multiple drives one-at-a-time: for example, to dedicate one drive for movies and one for sporting events.



Multimedia Menu

Select **USB Storage** from the DISH On Demand or Multimedia menus. You have two choices under DISH Recordings:

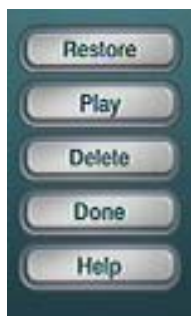
- Select **Manage Device** to see a list of programs stored on the HDD.
- Select **Send to Device** to transfer DVR events from the **My Recordings** list to the HDD.



USB Storage Options

Within Manage Device:

- Choose **Restore** to transfer events from the HDD back to the satellite receiver.
- Use **Play** to view the event directly from the HDD.
- Use **Delete** to remove unneeded events.



Manage Device Options

## CONSIDERATIONS

- To activate this feature, call 888-241-2205. You must pay a one-time Archiving Activation fee. This fee covers all compatible receivers on your account.
- HDD size: 40GB minimum to 750GB maximum. In general, major brand-name external HDDs sold in stores today are compatible. Do-it-yourself external HDD kits and expandable racks may not be compatible. Currently, only single HDD units are supported.
- Dedicate an HDD only for DISH Network DVR archiving—do not use the drive for other purposes (for example, connecting to your computer for computer file storage).
- Follow HDD manufacturer instructions for connectivity.
- When you connect the drive the first time, you may see a pop-up message asking if you want to reformat the drive—if you select **Yes**, anything previously stored on the HDD will be erased. If you select **No**, you cannot transfer any content at that time until you select **Yes**.
- If content contains copy protection that will impact recording to the HDD, you will see a pop-up message with more information.
- Content on the HDD can only be viewed using the receiver it came from. If the receiver that originally recorded the event is no longer available (due to an equipment return, for example), the content can still be viewed using a compatible receiver or replaced receiver on the account.
- Ensure the HDD is kept in a cool, well-ventilated location for optimum hard drive longevity. Do not move the drive while it is on.

## TROUBLESHOOTING

After connecting the HDD, if the Multimedia menu lists **No Device Attached**, the receiver does not recognize the HDD. Disconnect any device connected to the other USB port, then reset the receiver with only the HDD connected to see if the receiver recognizes the HDD after the reset. If not, the HDD is not compatible.