



## New Feature!

# DVR External Hard Disk Drive Storage for the DISH Network ViP622 DVR™ and ViP722 DVR™ Satellite Receivers

### Overview

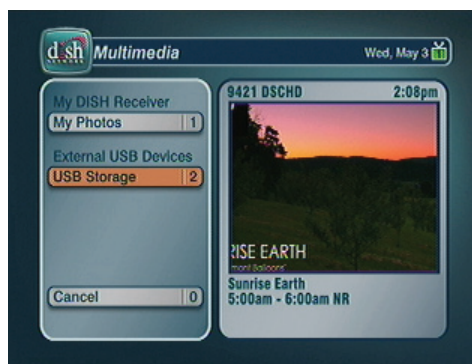
You can now expand the recording storage capacity of ViP622 DVR™ and ViP722 DVR™ satellite receivers by connecting a compatible external USB 2.0 hard disk drive. Programs can be transferred from the internal hard drive of the receiver to an external hard drive for storage or playback. If desired, the program can be transferred from the external hard drive back to the receiver. A one-time activation fee applies.

### Getting Started

1. Purchase a USB 2.0 hard disk drive from your local consumer electronics store.  
**Note:** The hard drive must be between 40GB and 750GB. Most brand-name external hard drives are compatible. Do-it-yourself kits and expandable racks may not be compatible. Only single-disk hard drive units are supported.
2. Connect the external hard drive to one of the receiver's two USB 2.0 ports. Be sure to follow the hard drive manufacturer's connection instructions.  
**Note:** Currently, you can only connect one USB device (such as a hard drive or PocketDISH) to the receiver at one time; however, you can connect multiple drives one-at-a-time (for example, to dedicate one drive for movies and one for sporting events).
3. If the hard drive is compatible, you will see a pop-up message asking if you want to reformat the drive. If you select **Yes**, anything stored on the drive is erased. If you select **No**, you cannot transfer DISH Network content until you select **Yes** and the drive is reformatted. Afterwards, the satellite receiver reboots.
4. Call 888-241-2205 to activate the feature. You will pay a one-time Archiving Activation fee, which covers all compatible receivers on your account.

### Using the External Hard Drive Feature

- Press MENU, select **Multimedia**, then select **USB Storage** (or press DVR on the remote control, then select **USB Storage**).
- Select **Manage Device** to see a list of the programs stored on the external hard drive.
- Select **Send to Device** to transfer pre-recorded programs from the My Recordings list to the hard drive.



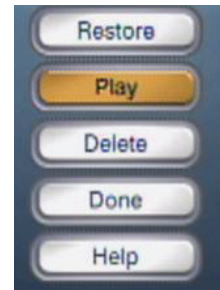
Multimedia Menu



USB Storage Options

## Manage Device Option

- Choose **Restore** to transfer selected events from the external hard drive back to the satellite receiver's internal hard drive.
- Use **Play** to view the event directly from the external hard drive.
- Use **Delete** to remove unneeded events.



Manage Device Options

## Considerations

- This feature is currently supported on only the ViP622 DVR™ and ViP722 DVR™ receiver models. Your receiver model is listed on the System Information screen (accessed by MENU-6-1-3 on most receivers).
- Dedicate a hard drive only for use with the DISH Network DVR receiver—do not use the drive for other purposes (for example, connecting to your computer).
- If content contains copy protection that will impact transferring to the hard drive, you will see a pop-up message with more information.\*
- Currently, content on the hard drive 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 replacement receiver on the account.
- Ensure the hard drive is kept in a cool, well-ventilated location for optimum hard drive longevity. Do not move the drive while it is on.
- Content transferred to the external hard drive is only listed under the USB Storage option—it is moved from the My Recordings list.

## Troubleshooting

After connecting the hard drive, if the Multimedia menu displays **No Device Attached** under External USB Devices, the receiver does not recognize the hard drive. Disconnect any device connected to the other USB port, then reset the receiver with only the external hard drive connected to see if the receiver recognizes the hard drive after the reset. If not, the hard drive is not compatible.

\* For any DRM/copy protection restrictions, go to [www.dishnetwork.com](http://www.dishnetwork.com) and search for “copy protection.”

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