

PRODUCT LAUNCH BULLETIN: DISH 411 & ViP211™

Introduction

DISH 411 and ViP211 are the first DISH Network satellite receivers compatible with the MPEG-4 compression standard. These receivers are single-tuner, support high definition (HD), and have an updated user interface similar to the DISH Player-DVR 942. Refer to *Quick Facts: DISH 411* and *Quick Facts: ViP211* for additional information.

Considerations

- The ViP211 includes an Ethernet port, while DISH 411 does **not** have an Ethernet port. This is the only difference on these receivers. The Ethernet port on ViP211 is reserved for future use.
- These receivers support two HD outputs: HDTV digital audio/video (for connection to HDMI HDTVs) and Component (YPbPr).
- Default output resolution is 480p. During installation, change the resolution to 720p or 1080i as appropriate for the connected HDTV.
- These receivers only receive digital off-air channels, not analog off-air channels. To watch analog off-air channels, the TV's tuner must be used.
- The receiver packout only includes standard (SD) audio/video cables. No cables for high definition connections are included.
- DISH 411 and ViP211 have a USB 2.0 port for future use.
- Software for the ViP211 and DISH 411 is **not** available from the 110° satellite location. To download software for these receivers, you must have signal from one of the following satellite locations: 119°, 61.5°, 148°, 121°, or 105°.
- Do not connect a phone line to the Ethernet port on the ViP211. All phones in the household will stop functioning if a phone line is accidentally plugged into this port.

Remote Considerations

- ViP211 and DISH 411 use the 5.3 IR (infrared) remote which includes the features listed below:
 - **Easy Limited Mode setup** - The 5.3 IR remote provides an easier way to setup Limited Mode, if desired by the customer. The easier method can be done separate from the component programming and only involves 3 steps. For additional information, refer to *Controlling Other Components* in Chapter 9 of the user's guide.
 - **Four colored buttons** - For use with future DishHOME Interactive TV services.
 - **Changes to Recover and SAT button** - The 5.3 remote has a white RECOVER button, and a circle around the SAT button. Functionality of these buttons is the same as on other remotes.

DISH 411 and ViP211 Installation Instructions

Follow the steps below to install a DISH 411 or ViP211. Detailed instructions for some steps below can be found in the receiver's User Guide.

Note: All current LNBF and switch configurations are supported by the DISH 411 and the ViP211 in factory software.

1. **Connect DISH 411 or ViP211 to HDTV:** Connect the receiver to the HDTV using the desired audio/video outputs, and attach an active phone line to the DISH 411 or ViP211. Power on the HDTV and receiver using the front panel power buttons, and confirm you can see a picture from the receiver.
 - a. If you cannot see a picture, ensure the HDTV is on the correct input and capable of displaying 480p, which is the default resolution of these receivers through the HD output. See the user's guide that came with the HDTV for instructions.
 - b. If you still cannot see a picture, temporarily connect the RCA-type outputs to the HDTV, and change the HDTV to the appropriate input to see a picture.
2. **Mount dish:** Assemble and mount the satellite dish(es) using standard dish installation methods and instructions.
3. **Peak dish (peaking meter):** If you plan to use a peaking meter to peak the dish(es):
 - a. Peak each dish for maximum signal strength.
 - b. Connect all LNBFs and switches together using the instructions for these devices, and connect the receiver's Satellite In port to the switch or LNBF. Attach the blue Satellite In sticker to the Satellite In cable near the receiver.
4. **Peak dish (using 411 or ViP211):** If you plan to use the receiver's Point Dish/Signal screen to peak the LNBF(s):
 - a. Connect each LNBF to be peaked directly to the Satellite In connection. Run a Check Switch on each LNBF used for peaking. Peak each LNBF using the Point Dish screen.
 - b. Connect all LNBFs and switches together using the instructions for these devices, and connect the receiver's Satellite In port to the switch or LNBF. Attach the blue Satellite In sticker to the Satellite In cable near the receiver.
5. **Check Switch:** Run a Check Switch test. Make sure that the results show the correct LNBF(s), switch(es), and satellite locations.
6. **Software download:** Take a software download by selecting Cancel or Done from the Point Dish/Signal screen and selecting Yes on the next screen. This takes about 15 minutes to complete.
7. **Customize DISH 411 or ViP211's HDTV Picture Settings:** Refer to *Connecting to a TV* in Chapter 11 of the user's guide. Go to the HDTV Setup menu by pressing MENU on the remote, selecting System Setup (6), then HDTV Setup (7).
 - a. Select an HD resolution (720p or 1080i) supported by the HDTV under TV Type.
 - b. Select the correct Aspect Ratio for the HDTV, then select Done. See the user's guide that came with the HDTV if you do not know what resolution or aspect ratio setting to use.

- c. Write the correct resolution setting and TV input under the *How to Get the Best Picture* section of the included Quick Reference Guide.

Note: If you had to temporarily connect RCA-type outputs to get a picture on the HDTV, change the HDTV back to the correct input and correct resolution for the receiver's HD output.

8. **Off-Air Antenna:** Refer to *Connecting Off-Air Antenna/Cable TV* in Chapter 11 of the user's guide. If you plan to connect an off-air antenna:

- a. Peak the off-air antenna using a signal meter appropriate for digital off-air broadcasts.
- b. Connect the off-air antenna to the DISH 411 or ViP211's 8VSB TV Antenna/Cable In port. Attach the black TV Antenna/Cable In sticker to the off-air antenna cable near the receiver.
- c. Go to the Local Channels menu by pressing MENU on the DISH Network remote, selecting System Setup (6), then Local Channels (8). You can select Scan Locals to let the receiver find digital off-air channels or select Add Locals to add them manually.

Note: To view and display off-air channels, qualifying DishHD™ programming or the HD Enabling Fee must be on the account.

- d. To display DISH Network local channels in the EPG by broadcast channel number, select Sat Locals, select Enable, then select Done.
- e. When you are finished adding off-air channels, select Done.

Note: The DISH 411 and ViP211 support display of only digital off-air channels in the EPG. Analog off-air channels can still be viewed using the TV's tuner. If the TV's tuner is connected to the TV Set Out connection on the receiver, place the receiver in standby and the off-air antenna (connected to 8VSB Antenna/Cable In) will be connected to the TV's tuner. Change the TV channel to the desired analog channel number. To resume watching satellite programming, change the HDTV back to the correct input and turn the satellite receiver ON.

9. **Program TV mode and Limited Mode as needed:** Program the remote control to the TV. If you want to program the TV in Limited Mode to only send power and volume commands, use the steps listed in *Controlling Other Components* in Chapter 9 of the user's guide.