

PRODUCT LAUNCH BULLETIN: ViP211k

Introduction

The ViP211k is a high-definition (HD), single-satellite tuner, single-TV receiver compatible with the MPEG-4 and MPEG-2 compression standards. The ViP211k includes one digital over-the-air tuner, an Ethernet connection, and has the same user interface as the ViP211. The ViP211k will replace the ViP211. Refer to *Quick Facts: ViP211k* and the user's guide for additional information.

Considerations

- The ViP211k supports one TV and includes one HDMI and one Component (YPbPr) video output.
- All standard-definition (SD) and high-definition (HD) outputs are simultaneously active. All video outputs view the same programming.
- At time of installation, adjust the ViP211k's output resolution (TV Type) and Aspect Ratio to the settings that are optimal for the connected TV. See *Setting up to Display in HD* in Chapter 11 of the user's guide for detailed instructions.
- The default output resolution on the HD video outputs is 480p.
- DishCOMM technology is supported on the ViP211k, allowing phone and other data to be sent between compatible receivers and devices over the home power lines. Refer to *Quick Facts: DishCOMM Technology* for additional information (feature added to ViP211 in software version L436).
- A broadband Internet connection can be used for updating Pay-Per-View purchase records, allowing the customer to order Pay-Per-View programs using their remote control. Refer to *Quick Facts: Connecting the Receiver to the Home Network and Home Network Installation Instructions* for additional information (feature added to ViP211 in software version L436).
- If a program does not fill the screen, press the **FORMAT (*)** button on the remote control to cycle through different viewing modes. **FORMAT(*)** formats both HD and SD video outputs.
- ViP211k uses the 5.3 IR (infrared) remote. The 5.3 remote is IR only, so it cannot be used to control the receiver from other rooms of the home. An IR-to-UHF Pro Upgrade Kit can be installed at additional cost if the installation requires the ability to control the receiver through walls or other obstructions.
- Setting up an over-the-air antenna on the ViP211k is the same as a ViP211. See *Connecting Over-the-Air Antenna In* in Chapter 11 of the user's guide to learn how to set digital over-the-air channels.

Note: ViP211k does not support reception of analog over-the-air channels. Only digital over-the-air channels can be scanned into the receiver.

- Similar to other ViP-series receivers, the ViP211k supports HD Channel Mapdown. Refer to *Software Update: HD Channel Mapdown and HD Icon Features* or *Channel Display Preferences* in Chapter 10 of the user's guide for help changing this setting.

ViP211k Installation Instructions

Follow the steps below to install a ViP211k. Detailed instructions for some steps below can be found in the receiver's user's guide. All current LNBF and switch configurations are supported by the ViP211k in factory software.

Note: Use the receiver's front panel buttons for installation steps 1-5. Alternately, you can program the remote using step 6, prior to running the Check Switch test.

1. **Mount Dish:** Assemble and mount the satellite dish(es) using the dish antenna's installation instructions.
2. **Peak Dish Using Peaking Meter:** Peak each dish for maximum signal strength.
3. **Run and Connect Cable:** Connect a cable from the dish to either the receiver or the switch, and then from the switch to the receiver.
 - a. Connect all LNBFs and switches together using the instructions for these devices, and connect the ViP211k's SATELLITE IN port to the switch or LNBF. Attach the blue Satellite In sticker from the receiver user's guide to the Satellite In cable near the receiver.
 - b. If installing an over-the-air (OTA) antenna, connect the OTA antenna cable to the ViP211k's OVER THE AIR ANTENNA IN port. Attach the black Over-the-Air Antenna In sticker from the receiver user's guide to the OTA antenna cable near the receiver.

Note: Peak the OTA antenna using a signal meter appropriate for digital OTA broadcasts. Refer to www.antennaweb.org for assistance in choosing an antenna, digital stations in the area, and compass orientation. Stations outputting at a higher power may require that an attenuator be installed between the OTA antenna and the receiver's OVER THE AIR ANTENNA IN port.

4. **Connect ViP211k to HDTV:** Connect the receiver to the HDTV using the desired audio/video outputs. Power on the HDTV, turn on the satellite receiver, 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 the ViP211k through the HD outputs. See the user's guide that came with the HDTV for instructions.
 - b. If you still cannot see a picture, temporarily connect the composite (RCA-type) outputs to the HDTV, and change the HDTV to the appropriate input to see a picture.
5. **Make Additional Connections:** Attach an active phone line to the ViP211k. If a broadband home network is available, the receiver can be connected to the home network using an Ethernet cable or a HomePlug-to-Ethernet Adapter. Refer to *Quick Facts: Connecting the Receiver to the Home Network* and *Home Network Installation Instructions* for detailed steps.

Note: If it is not possible to connect an active phone line directly to the ViP211k, a DishCOMM Network can be created. A DishCOMM Network allows compatible receivers to share one receiver's phone connection. To create a DishCOMM Network, refer to *Create a DishCOMM Network* on page 4.

6. **Address ViP211k to Remote Control:** Install batteries in the remote control, then press the SYSTEM INFO button on the receiver's front panel to display the Important System Information screen, then press RECORD on the remote control, which places the receiver and remote control on the same remote address.
7. **Run Check Switch:** Run a Check Switch test. From the Point Dish screen, select **Check Switch**, then **Test** (if the receiver is not already on the Point Dish screen, access by pressing MENU on the remote control, selecting **Installation** (1), then **Point Dish** (1). Make sure that the results show the correct LNBF(s), switch(es), and satellite locations.

Note: The ViP211k includes the improved signal meter, but does not have the flashing yellow text found on other receiver models. Refer to *Technical Information Bulletin 154173: Signal Strength Meter Improvements on Point Dish Screen* for details on the improved signal meter.

8. **Download Software:** 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.
9. **Run Check Switch:** Run a second Check Switch test. Make sure the results show the correct LNBF(s), switch, and satellite locations.
10. **Customize ViP211k'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.

11. **Over-the-Air Antenna:** Refer to *Connecting Over-the-Air Antenna In* in Chapter 11 of the user's guide. If you connected an off-air antenna:
 - a. 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.
 - b. When you are finished adding off-air channels, select **Done**.

Note: The ViP211k supports display of only digital over-the-air channels in the Program Guide. Analog over-the-air channels can 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 by turning off the power and the over-the-air antenna (connected to OVER THE AIR ANTENNA IN) will be connected through to the TV's tuner. Change the TV's channel to the desired analog channel number. To resume watching satellite programming, change the HDTV back to the correct satellite TV-viewing input and turn the satellite receiver ON.

11. **Customize Display of HD Channels in Program Guide:** To choose how HD satellite channels display in the Program Guide, select **Chan Display** (in the Local Channels menu accessed by pressing MENU, selecting **System Setup** (6), then **Local Channels** (8)).
 - Choose an option for Local Sat Channels, to change how satellite-delivered locals display:
 - **HD Priority**—HD channels display at the local station's channel number; if the HD version is not available, the SD version is displayed.
 - **SD Only**—only SD versions of channels display at the local station's channel number.
 - **HD and SD (default)**—both HD and SD local channels appear below channel 100 at the local station's channel number.
 - **Disable**—HD and SD local channels are only listed in the four-digit channel range.
 - Choose an option for DishHD™ Channels, to change how other HD satellite channels display:

- **Enable (default)**—HD satellite channels display next to the SD channel number in the Program Guide.
 - **Disable**—HD satellite channels display only in the four-digit channel range (primarily above 9400) in the Program Guide.
12. **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.
 13. **Create a DishCOMM Network** (optional): Go to the DishCOMM Setup screen by pressing MENU, selecting **System Setup** (6), **Installation** (1), then **DishCOMM Setup** (8). Refer to *Quick Facts: DishCOMM Technology* for additional information.
 - a. Select **Add** to go to the Add Device screen. Enter the Receiver ID or ID numbers from all other devices that will be added to the DishCOMM Network. To find a receiver's Receiver ID, open the System Information screen using the **SYSTEM INFO** button on the front panel of the receiver.
 - b. Select **Done** to save the changes, or select **Test** to test the DishCOMM Network.

Note: If a DishCOMM Network already exists, enter this receiver's ID using the DishCOMM Setup screen of a receiver already on the DishCOMM Network.