



VIP222k MPEG-4 Dual Tuner/HD Satellite Receiver

FEATURES INCLUDE:

- MPEG-4/MPEG-2 technology
- Two HD/SD satellite tuners¹
- Two independent TVs supported
 - TV1: HDTV or SDTV
 - TV2: SDTV
- HDMI digital audio/video output
- Independent HD/SD aspect ratios for TV1 PIP
- USB 2.0 port²
- Ethernet port
- DishHOME Interactive TV
- Parental locks
- On-screen Caller ID with history³
- Up to 2-day Picture-In-Guide with optional widescreen Electronic Program Guide (EPG)
- Software upgradeable via satellite
- DishCOMM™ compatible
- DISH Pro Plus compatible
- Software-controlled Agile Modulator attenuation
- (2) two-way learning remote controls
 - Two-way IR for TV1
 - UHF Pro with two-way IR support for TV2
- Optional MT2 OTA Module supports:
 - Two digital over-the-air (OTA) tuners for viewing OTA programming at TV1 and TV2
 - Channel 3-4 output for TV1

¹Additional authorization may be required before high definition programming and/or over-the-air digital broadcasts can be viewed; additional fees may apply.

²Enabled by a future software upgrade.

³Requires Caller ID subscription with local phone company. Phone line must be connected to receiver.

⁴See TV1/TV2 Agile Modulator on next page.

DESCRIPTION

VIP222k is an advanced MPEG-4, dual-tuner, high-definition satellite receiver providing the ability to view independent programming on two televisions.

FEATURES

- View DISH Network high-definition (HD) and standard-definition (SD) programming; view MPEG-2 and MPEG-4 programming; view HD or SD content on TV1; view SD or down-converted HD on TV2.
- Two satellite tuners provide user-selected viewing options, including:
 - Single Mode: Picture-In-Picture (PIP) on any TV. With Shared View enabled, TV2 views TV1 programs.
 - Dual Mode: Separate program viewing on two televisions
- TV1 display resolutions: 480i, 480p, 720p, 1080i
 - SD content is upconverted for non-SD outputs
 - HD and SD output is simultaneous
 - Independent HD/SD aspect ratios for PIP window
- TV2 display resolution is 480i (HD content is down-converted).
- TV1/TV2 stereo Agile modulated output sends TV1 and TV2's signals to multiple televisions via the home coaxial cable distribution⁴.

FEATURES, continued

- DishCOMM™ technology allows data to be sent throughout a home over existing power wiring; requires only one phone line connection among all DishCOMM-enabled receivers in a home.
- DishHOME Interactive TV
- On-screen Electronic Program Guide (EPG) with instant access to up to two days of program listings and information; includes optional widescreen three-hour format.
- The receiver will respond to discrete ON and OFF remote control commands.

Note: This receiver does NOT support analog pass-through.



ViP222k MPEG-4 Dual Tuner/HD Satellite Receiver

REMOTE CONTROLS



- One universal infrared (IR) 2-way learning remote control. Controls "TV1" (main TV location). Note: TV1 can be programmed to use a UHF Pro remote control.
- One universal UHF Pro remote control with two-way IR support; controls "TV2" (second TV location). It controls the satellite receiver through walls and other obstructions (UHF Pro operating range of up to 200 feet unobstructed).
- Universal 4-component remote control common features:
 - Can be programmed to operate (via IR) up to three additional components such as TVs, VCRs and DVD players.
 - AUX mode can be programmed to operate a second DISH Network satellite receiver via IR control.
 - DVR buttons: used for a connected VCR or DVD player
 - Picture-In-Picture (PIP) functions display, move, or swap the PIP image in Single Mode.
 - Dedicated TV POWER button
 - INPUT button in Recover mode toggles through TV and DVD/VCR inputs to help user return to satellite programming when they accidentally change channels on their TV or VCR.
 - Four colored interactive buttons (for future use)

REMOTE CONTROLS, *continued*

- Two-way learning remote features:
 - Two-way IR communication with receiver
 - Remote-to-remote device code learning
 - Additional features will be available via software download after initial product launch.

ENHANCED USER INTERFACE FEATURES

- System Wizard
- Replacement Receiver Wizard
- Replacement Remote Wizard

FRONT PANEL FEATURES

- Blue HDTV LED
- Eleven buttons behind right-side door:
 - Cursor Up, Down, Left, Right and SELECT navigation buttons.
 - POWER, MODE, SYSTEM INFO, INFO, MENU, RESET.
- Indicator lights:
 - Green light indicates TV1 is powered on.
 - Blue light indicates TV2 is powered on.
 - Amber MODE LED indicates if receiver is in Single Mode or Dual Mode.
- Smart card port (unused) in left-side door
- IR blast and receive

REAR PANEL FEATURES

- Two satellite tuner inputs
- One UHF remote control antenna input for included antenna
- One telephone jack
- One USB 2.0 port
- One Ethernet port
- 3-prong power cord
- Back panel slot for optional modules
- TV1/TV2 stereo Agile modulated output (channels 21-69 (Air) or 73-125 (Cable))
- TV1 A/V Connections
 - One HDMI digital audio/video output
 - One set of Component (YPrPb) HD analog video outputs
 - One set RCA-type audio/video outputs
 - One optical digital output for Dolby® Digital and PCM Digital audio
- TV2 A/V Connections
 - One set RCA-type audio/video outputs

SPECIFICATIONS

- Dimensions (approx.):
H: 3.5" x W: 16" x D: 12.5"
- Weight (approx.):
 - 8.5 lb. without Module
 - 9.0 lb. with Module
- Color: Black

TV1/TV2 AGILE MODULATOR

See *Quick Facts: TV1/TV2 Agile Output* for more information and special considerations

MT2 OTA MODULE FEATURES

- View two OTA channels
- In Dual Mode, view one live OTA channel at the TV1 location, and one live OTA channel at the TV2 location.
- Channel 3-4 modulated output for TV1

