

Quick Facts

ViP622 DVR

FEATURES INCLUDE:

- MPEG-4/MPEG-2 technology
- Digital Video Recorder
 - 320 GB hard drive
 - Recording capacity¹
 - SD up to 180 hours
 - HD up to 25 hours
- Two HD/SD satellite tuners²
- Digital off-air tuner²
- Two independent TVs supported
 - TV1 HDTV or SDTV
 - TV2 SDTV
- HDTV digital audio/video output³
- Two USB 2.0 ports
- Ethernet port⁴
- *dish home* Interactive TV
- Name-based recording
- Recorded events management
- Parental locks
- On-screen Caller ID with history⁵
- Up to 9-day Picture-In-Guide with optional widescreen Electronic Program Guide (EPG)
- Software upgradeable via satellite
- DISH Comm™ compatible⁴
- DISH Pro Plus compatible
- Remote controls (2)

¹Recording capacity depends on the type of programming being recorded.

²Additional authorization may be required before high definition programming and/or off-air digital broadcasts can be viewed; additional fees may apply.

³Compatible with HDMI-equipped televisions.

⁴Enabled by a future software upgrade.

⁵Requires Caller ID subscription with local phone company. Phone line must be connected to receiver.

⁶See "Shared Agile Modulator" on next page.

DESCRIPTION

ViP622 DVR is an advanced MPEG-4 dual-tuner high definition satellite receiver and integrated digital video recorder (DVR) providing the ability to view independent programming on two televisions.

FEATURES

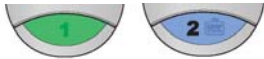
- View and record DISH Network high definition (HD) and standard definition (SD) programming.
 - View HD or SD content on TV1, SD or down-converted HD on TV2.
- Two satellite tuners provide user-selected viewing options, including:
 - Single Mode: Picture-In-Picture (PIP) on any TV; record/watch two programs. In Shared View, TV2 views TV1 output.
 - Dual Mode: Separate program viewing/recording on two televisions. Users share all recordings (SD and HD).
- Digital Video Recording features (see "DVR buttons" under Remote Controls).
- Records Dolby® Digital when available.
- View digital off-air broadcasts on TV1; record digital broadcasts (playback on TV1 or TV2)².
- TV1 display resolutions: 480i, 480p, 720p, 1080i.
 - SD content is upconverted.
 - HD and SD output is simultaneous.
- TV2 display resolution is 480i (HD content is down-converted)

FEATURES continued

- Optional shared stereo Agile modulated output sends TV1 and TV2's signals to multiple televisions via the home coaxial cable distribution⁶.
- DISH Comm™ Technology⁴ allows phone and audio data to be sent throughout a home over existing power wiring. Requires only one phone line connection among all DISH Comm-enabled receivers in a home.
- *dish home* Interactive TV.
- On-screen Electronic Program Guide (EPG) with instant access to up to nine days of program listings and information. Includes new optional widescreen 3-hour format.
- The receiver will respond to discrete ON and OFF remote control commands.



REMOTE CONTROLS



- One universal infrared (IR) 4-component remote control. Controls "TV1" (main TV location). Note: TV1 can be programmed to use a UHF Pro remote control.
- One universal UHF Pro configurable 4-component dual-frequency remote control. Controls "TV2" (second TV location).
 - Controls the satellite receiver through walls and other obstructions (UHF Pro operating range of up to 200 feet unobstructed).
 - One of two UHF Pro frequencies can be selected to avoid conflicts with other remotes in the vicinity.
- 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 or UHF (not UHF Pro).
 - DVR buttons: 30-sec. skip forward, 10-sec. skip back, stop, play, up to 1 hour pause each for TV1 & TV2, forward & reverse (4x, 15x, 60x, 300x), slow motion and frame-by-frame (forward and back), record.
 - Picture-In-Picture (PIP) functions to display, move or swap the PIP image in Single Mode.
 - Dedicated "TV Power" button.
 - "Recover" button toggles through TV and VCR inputs to help user return to satellite programming when they accidentally change channels on their TV or VCR.
 - Color iTV buttons

FRONT PANEL FEATURES

- Ten buttons behind right-side door:
 - Cursor Up, Down, Left, Right and SELECT navigation buttons
 - POWER, SYSTEM INFO, INFO, MENU, MODE
- Indicator lights:
 - Green light indicates "TV1" is powered on
 - Blue light indicates "TV2" is powered on
 - Two red "Recording" LEDs indicate digital recording has started on "TV1" and/or "TV2".
 - Amber "MODE" LED indicates if the box is in "Single Mode" or "Dual Mode"
- Left-side door for smart card receptacle (currently unused)
- IR blast and receive
- 1 USB 2.0 port

REAR PANEL FEATURES

- 2 satellite tuner inputs
- 1 UHF Pro remote control antenna input for included antenna
- 1 telephone jack
- 1 USB 2.0 port
- 1 Ethernet port¹
- 1 ATSC antenna input for off-air digital broadcasts
- 3-prong power cord

REAR PANEL FEATURES (continued)

- TV1 A/V Connections
 - 1 HDTV digital audio/video output
 - 1 set of Component (Y Pr Pb) HD analog video outputs
 - 1 set RCA-type audio/video outputs
 - S-Video output
 - 1 optical digital output for Dolby® Digital and PCM Digital audio
 - Shared stereo Agile modulated output (channels 21-69 (Air) or 73-125 (Cable))
- TV2 A/V Connections
 - 1 set RCA-type audio/video outputs
 - Shared stereo Agile modulated output (channels 21-69 (Air) or 73-125 (Cable))

SPECIFICATIONS

- Dimensions (approx.):
H: 3.5" x W: 16" x D: 13"
- Weight (approx.): 11 lbs.
- Color: Silver

SHARED AGILE MODULATOR

The Agile modulated output, in the past, has provided signal to one or more distant TVs for TV2 program viewing.

While this continues to be true, the new **shared Agile modulated output** provides the ability for TV2 viewers to also tune to a specified television channel to watch TV1's programming in Dual Mode (in Single Mode, everyone watches the same programming anyway).

See "Quick Facts: Shared Agile Output" for more information and special considerations.

¹Enabled by a future software upgrade.