

# Quick Facts

# DISH 411

## FEATURES INCLUDE:

- MPEG-4/MPEG-2 technology
- HD/SD satellite tuner<sup>1</sup>
- Digital off-air tuner<sup>1</sup>
- HDTV digital audio/video output<sup>2</sup>
- USB 2.0 port
- 942-style user interface (UI)
- *dish home* Interactive TV
- Up to 2-day Picture-In-Guide with optional widescreen Electronic Program Guide (EPG)
- Parental locks
- On-screen Caller ID with history<sup>3</sup>
- Software upgradeable via satellite
- DISH Comm™ compatible<sup>4</sup>
- 5.3 IR remote control

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

<sup>2</sup>Compatible with HDMI-equipped televisions.

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

<sup>4</sup>Enabled with a future software upgrade.

## DESCRIPTION

DISH 411 is a high definition (HD) satellite receiver that supports both MPEG-4 and MPEG-2 compression technology.

## FEATURES

- View MPEG-4 and MPEG-2 DISH Network programming.
- View HD or SD DISH Network programming<sup>1</sup>.
- View off-air digital broadcasts<sup>1</sup>.
- TV display resolutions: 480i, 480p, 720p, 1080i.
- Simultaneous output from HD and SD connections.
- DISH Comm™ technology<sup>3</sup> 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.
- Caller ID with history for up to 50 events.
- On-screen Electronic Program Guide (EPG) with instant access to up to two 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.

## FRONT PANEL FEATURES

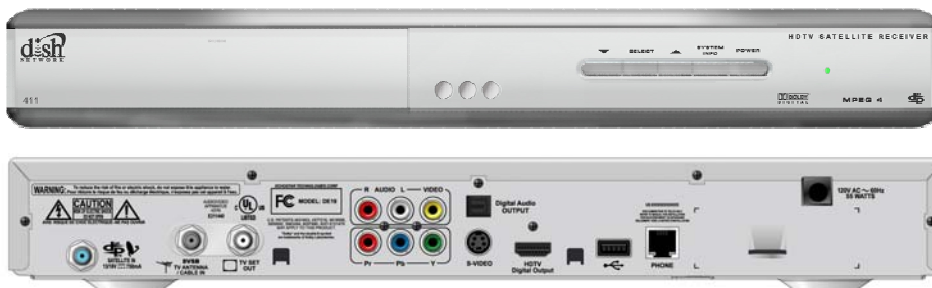
- Five buttons: Cursor Up, Down, and SELECT navigation buttons; POWER and SYSTEM INFO.
- Green light indicates receiver is powered on.
- Smart card receptacle (unused).
- IR blast and receive.

## REAR PANEL FEATURES

- 1 satellite tuner input
- 1 ATSC antenna input for off-air digital broadcasts<sup>1</sup>
- 1 USB 2.0 port<sup>3</sup>
- 1 telephone jack
- 3-prong power cord
- A/V connections
  - 1 digital audio/video output for HDMI-equipped TVs
  - 1 set of Component (Y Pr Pb) HD analog video outputs
  - 1 S-Video output
  - 1 set RCA-type audio/video outputs
  - 1 Channel 3/4 modulated output
  - 1 optical digital output for Dolby® Digital and PCM Digital audio

## REMOTE CONTROL

- 5.3 infrared (IR) universal 4-component remote control:
  - can be programmed to operate (via IR) up to three additional components such as TVs, VCRs and DVD players.
  - AUX mode to operate a second DISH Network satellite receiver via IR or UHF.
  - 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



## SPECIFICATIONS

- Dimensions (approx.): H: 2" x W: 16" x D: 12 1/4"
- Weight (approx.): 7 lbs.
- Color: Silver



# Quick Facts

## FAQs & Special Considerations

### Why MPEG-4?

Programs encoded using MPEG-4 do not take up as much bandwidth as those encoded using MPEG-2. As a result, we can provide more channels to customers with the same amount of satellite bandwidth.

### Can I watch analog or digital off-air broadcasts?

You can watch digital off-air broadcasts only<sup>1</sup>. The 411 does not have an analog NTSC tuner, but it can pass an analog signal through to your TV when the receiver is in standby (off).

### Can I watch HD satellite channels using my SD outputs?

Yes, but they will be down-converted to standard definition (480i).

### How many Caller ID events will the 411 store?

It will store up to 50, but they will be deleted if the receiver is reset.

### Can I use the USB 2.0 port?

This port is currently disabled and is reserved for future use.

# DISH 411

### What is the DISH Comm™ feature?

DISH Comm is based on Home Plug 1.0 technology, which allows audio and phone data to be sent throughout a home over existing power wiring to other satellite receivers and compatible devices.

In a household with multiple DISH Comm-enabled receivers, only one receiver requires direct connection to a phone jack. All other receivers can transmit phone data over the power wiring to the receiver connected to the phone jack.

Other products are currently under development that use DISH Comm technology, such as allowing audio to be played in any room of the house with a power outlet.

### 411 & 811 Comparison

	411	811
MPEG-4	Yes	No
Off-air tuner	Digital with analog pass through <sup>1</sup>	Analog /digital
942-style UI	Yes	No
DISH Comm <sup>2</sup>	Yes	No
USB 2.0 <sup>2</sup>	1	No
DVI	No	Yes
HDTV digital output	Yes	No
A/V inputs	No	2 sets
Remote control	IR	UHF Pro

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<sup>2</sup>Enabled with a future software upgrade.

