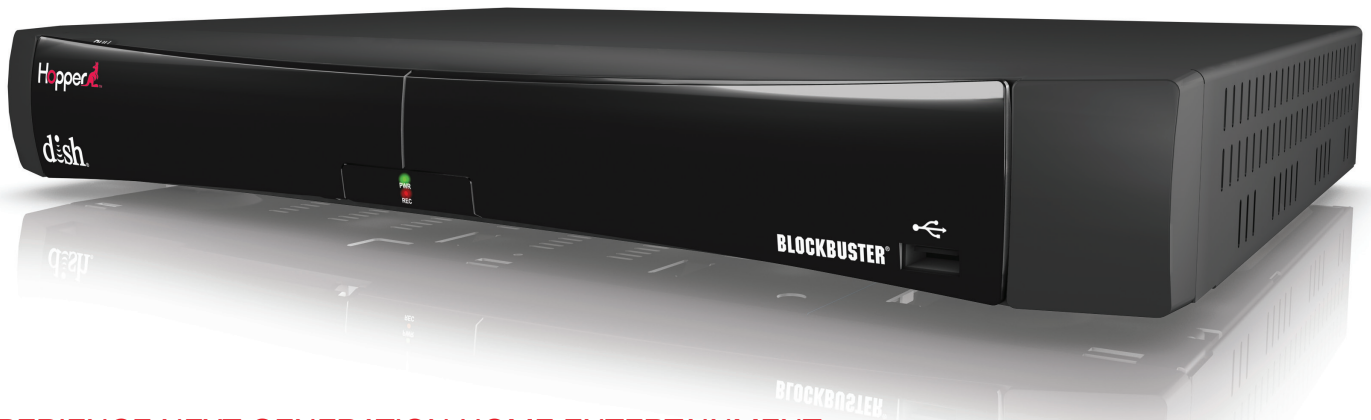


Hopper™

HD Multi-Tuner DVR Satellite Receiver



EXPERIENCE NEXT GENERATION HOME ENTERTAINMENT
with this multi-tuner, satellite receiver delivering high-definition programming and enabled for Whole-Home DVR services.

Features

- View DISH Network High-Definition (HD) and Standard-Definition (SD) programming; view MPEG-2 and MPEG-4 programming
- Three HD/SD satellite tuners
- Digital Video Recorder (DVR) capacity
 - up to 1000 hours SD
 - up to 250 hours HD
- DVR with name-based recording
- Advanced search easily finds shows, recordings, and On Demand content
- Image rich Graphics User Interface (GUI)
- Multiple independent TVs supported
 - HD or SD
- HDMI digital audio/video output
- Three USB 2.0 ports
- Ethernet built-in
- Favorites Lists
- Parental Controls
- Closed-caption support
- On-screen Caller ID with history
- Software upgradeable via satellite
- Up to 9-day Picture-In-Guide with optional widescreen Electronic Program Guide (EPG)
- DishCOMM™ compatible
- DISH On Demand with Video-On-Demand (VOD)
- Blockbuster @ Home
- PrimeTime Anytime with instant On Demand access to as much as 8 days of ABC, CBS, FOX, and NBC content
- DishONLINE
- DISH Remote Access
- Integrated apps
- Smart Card slot for conditional access
- Enabled for multi-room HD content sharing and other Whole-Home DVR services
- Optional Sling Adapter capability
- Optional External Hard Drive (EHD) capability
- Joey compatible to enable HD sharing of satellite and DVR content to the Joey connected HDTV (For additional information see the *Joey Product Sheet*)

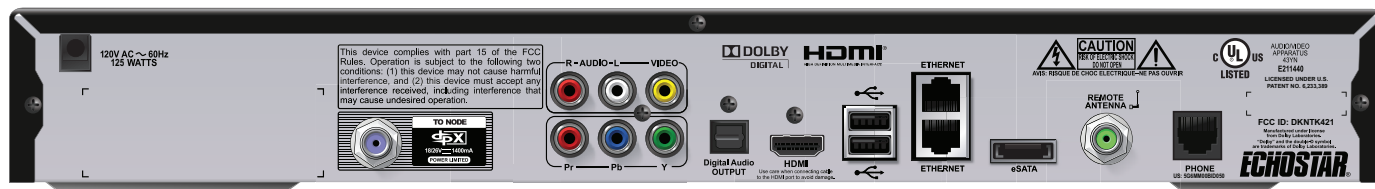
Note: Some features may require additional fees or subscriptions



Front Panel w/Door Open



Entertainment – Anytime. **Anywhere.**



Technical Specifications

Hardware

MPEG-2 and MPEG-4:	Yes
Number of Tuners:	3
Picture-In-Picture (PIP):	Yes
High-Definition (HD):	Yes
Display Resolutions:	480i, 480p, 720p, 1080i, 1080p24
Hard Drive Size:	2 Terabyte
DVR Recording Capacity:	1000 hours SD 250 hours HD
3D Compatible:	Yes
Home Media Formats:	MKV, MP4, Music- MP3, Images JPEG

Software

DISH On Demand (VOD):	Yes
DishONLINE (IPTV):	Yes
DISH Remote Access:	Yes
Blockbuster @ Home:	Yes
PrimeTime Anytime:	Yes
Applications:	Yes
Electronic Program Guide:	Up to 9 days

Connections

Home Video Network F-Coaxial Input (Satellite and MoCA):	1
HDMI Digital A/V Output:	1
HD Component (YPbPr) Output:	1
Optical Digital Audio Output:	1
RCA A/V Output:	1
USB 2.0 Ports:	3 (1 front, 2 back)
Ethernet Ports:	2
Telephone Jack:	1
Remote Control Antenna Input:	1
eSATA Port:	1

Optional

External Hard Drive Compatible:	Yes
Sling Adapter Compatible:	Yes

Specs

Approx. Dimensions (H:W:D):	2.30":11.4":16"
Approx. Weight:	8 lb.
Color:	Black

Remote Features



40.0 UHF 2G

- Universal, four-component, two-way remote control operation with the Joey or Hopper
- Programmable to operate a TV, Blu-ray/DVD Player, and audio receiver or VCR
- Supports IR learning from most remote controls
- Unique address for each remote virtually eliminates conflicts
- System Wizard feature supports remote control and receiver settings backup and restore capability
- Remote locate option for lost remote discovery