

# Hopper 3™

## 4K 16-Tuner Satellite Receiver with Sling Technology



### THE GAME-CHANGER FOR SATELLITE TV HAS ARRIVED.

Introducing the Hopper 3, a smart state-of-the-art satellite receiver that supports 4K resolution<sup>1</sup> and allows for access of up to 16 live TV channels within the shared Home Video Network. With many of the features from the Hopper with Sling® included, the Hopper 3 offers an unparalleled user experience through a new modern user interface, next-generation voice-control remote, high level of customization, seamless TV Anywhere experience, and more. The Hopper 3 is a satellite receiver for the modern era that redefines TV viewing and represents the evolution of whole-home entertainment.

### Features

- 16 tuners for highly expanded channel access and recording in the whole-home MoCA network
- Enables multi-room content sharing and whole-home HD DVR service with Joey®, 4K Joey™, and Wireless Joey™<sup>2</sup>
- Independently watch and record 4K, HD, and SD programming
- HEVC decoding and 3D support<sup>3</sup>
- New simplified user interface that supports voice commands
- Uses new touchpad voice control remote
- Faster channel change
- Predictive search of all content—EPG and Video On Demand
- Customizable video mosaic screen shows selected live channels
- AutoHop™ skips ads automatically on select primetime shows when played back the next day
- Interactive TV with announcement stream capability
- Up to 9-day Picture-in-Guide with optional widescreen electronic program guide (EPG)
- Picture-in-picture
- Name-based recording and advanced recommendation engine
- TV Anywhere placeshifting via integrated Sling Technology
- Transfer DVR recordings to an iPad using DISH Anywhere's sideloading functionality
- Works with DISH Explorer™ second-screen app
- Over-the-air (OTA) support via external USB-connected devices
- Built-in 802.11n Wi-Fi
- Bluetooth audio streaming
- Over 70 SiriusXM™ music channels
- Dolby Digital® support
- Browser-based apps<sup>4</sup>
- Themes
- On-screen Caller ID with history
- Favorites lists
- Parental controls
- Closed captioning and SAP support
- Faster network and external hard drive access using GigabitEthernet and USB 3.0 ports
- Upgraded embedded TSIO security
- Targeted advertising via INVIDI
- Viewer measurement
- Set-top-box health reporting
- Temperature management
- Software upgradeable via satellite

#### Notes:

1. 4K viewing requires 4K content and a 4K-supported TV.
2. Super Joey® not supported.
3. 3D playback requires a 3D-supported TV.
4. Apps require broadband Internet connectivity.



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## Technical Specifications

### Hardware

Video Compression:	H.265, MPEG-4, MPEG-2
Number of Tuners:	16
Wi-Fi:	802.11a/b/g/n; 2.4 and 5 GHz
Bluetooth:	Yes
Display Resolutions:	4Kp60 10-bit, 1080i, 1080p, 720p, 480i, 480p
Hard Drive Size:	2 TB
DVR Recording Capacity:	HD: Over 500 hours SD: Over 2,000 hours
MoCA:	2.0 and 1.1
3D-Compatible:	Yes
Home Media Formats:	MKV, MP4, MP3, JPG
Conditional Access:	Embedded TSIO Smart Chip with Backup TSIO- Ready Smart Card Slot

### Software

Video On Demand:	Yes
DISH Anywhere:	Yes
Sling:	Yes
Transfer Recordings:	Yes
PrimeTime Anytime:	Yes
AutoHop:	Yes
Integrated Apps:	Yes
Picture-in-Picture:	Yes

### Connections

DPZ F-Connector Input:	1
(Satellite and MoCA):	
HDMI 2.0 Port:	1 (includes HDCP 2.2 support)
HD Component (YPbPr) Output:	Yes
RCA A/V Output:	Yes
Optical Digital Audio Output:	Yes
USB Ports:	3 (1 USB 3.0, 2 USB 2.0)

### Connections (continued)

Gigabit Ethernet Ports:	2
Telephone Jack:	Yes
Remote Control Antenna Input:	Yes

### Supported Devices

External Hard Drive:	Yes
Wi-Fi USB Adapter:	Yes
USB Digital OTA Tuner:	Yes

### Mechanical

Dimensions (W x H x D):	16" x 2.1" x 12.5"
Colors:	Black with red striping

### Remote Control



50.0 Hopper Voice Remote

52.0 and 40.0 remotes also supported.

- Streamlined, ergonomic remote with large buttons
- Clickable touchpad for smooth navigation
- Advanced voice recognition
- Dynamically illuminated numeric keypad
- Dedicated hotkey for user's favorite function
- Fast access to on-screen help prompts and tips
- Controls up to two IR devices (TV/AUX modes); can control more devices with IR learning
- Locate Remote feature helps find a lost remote
- Backlight for all buttons in low light conditions



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