

# HOPPER 2000 / JOEY 1.0

## OVERVIEW

There's a whole new animal in whole-home entertainment. The Hopper from DISH, an innovative new way to share recordings between any HD TV in your home.

Hopper is a HD DVR with three satellite tuners that provides full DVR functionality to every TV by communicating with the Joey, a client receiver with no satellite tuners.

## WHOLE-HOME FEATURES

- Connect up to 4 HD TVs from a single Hopper and 3 Joeys
- Watch recorded and live TV on 4 HD TVs at the same time
- Full DVR functionality on every TV, including the ability to pause, fast-forward and rewind live TV
- Share DVR recordings between any HD TV in the home
- Record up to six live HD channels at once\* using PrimeTime Anytime™ and stream four HD programs to different TVs simultaneously

## KEY FEATURES

- PrimeTime Anytime gives you instant On Demand access to 8 days of primetime content from ABC, CBS, FOX, and NBC
- A 2 TB hard drive – the largest in the pay-TV industry
- Over 250 hours of storage space in HD
- Access hundreds of On Demand titles even if you are not connected to the Internet with DISH Unplugged
- The world's fastest satellite receiver with a 750 MHz processor
- SiriusXM satellite music channels including station logos
- SRS TruVolume™ technology to prevent annoying volume fluctuations

## OTHER FEATURES

- TV Everywhere on mobile devices with Sling® Adapter
- Integrated Apps including games, news, and social networking
- Remote control locator
- Seek & Record™ to create custom DVR timers by channel, actor, keyword and more
- Thousands of On Demand movies and shows
- Predictive Search to quickly find shows, recordings, and On Demand content
- Graphically rich user-interface including poster art and network logos



Hopper

Joey



dish

\*The PrimeTime Anytime feature records four local HD channels with one tuner; with the second and third tuner you can record two additional channels.

PrimeTime Anytime is only available with a Hopper receiver and local channels broadcast in HD, which may not be not available in all markets.

# TECHNICAL SPECS



	FEATURE	HOPPER	JOEY
HARDWARE	# of Satellite Tuners	3 (8PSK-Turbo/QPSK)	0
	Video Resolution	480i, 480p, 720p, 1080i, 1080p24	480i, 480p, 720p, 1080i, 1080p24
	Home Media Formats	Video- MKV, MP4; Music- MP3; Images- JPG	Video- MKV, MP4; Music- MP3; Images- JPG
	3D Compatible	Frame compatible, 1920 x 1080p24	Frame compatible, 1920 x 1080p24
	Hard Drive Size	2 Terabyte	N/A
	Front Panel Buttons	Power, System Info, Directional, Select, Info, Menu, Jump, Reset, Remote Control Locator	Power, System Info, Select, Remote Control Locator, Up, Down
	Processor	Broadcom 7420, 750 MHz	Broadcom 7340, 405 MHz
	CPU	1700 DMIPs	1100 DMIPs
	RAM Memory	768 MB	512 MB
	Flash Memory	64 MB	64 MB
SOFTWARE	Picture-In-Picture	Yes	No
	Program Guide Length	9 days	9 days
	DishONLINE (IPVOD)	Yes	Yes
	DISH On Demand (VOD)	Yes	Yes
	Blockbuster @Home	Yes	Yes
	Applications	Yes	Yes
SPECS	Dimensions (WxDxH)	16" x 11.4" x 2.05"	6.62" x 5.27" x 1.49" (without stand)
	Weight	8 lb	0.7 lbs (without stand)
	Color	Black	Black
CONNECTIONS	F-coaxial port (Satellite & MoCA Band F compatible)	1	1, MoCA only
	Phone-line port (Modem RJ-11)	1	0
	USB 2.0 Port	3 (2 Rear, 1 Front)	1
	Ethernet Port (10/100 BaseT)	2	1
	eSATA Port	1	0
	Remote antenna coaxial port	1	0 (UHF antenna is internal)
	HDMI 1.3 port	1	1
	S/PDIF optical digital audio (Dolby & PCM)	1	1
	RCA composite audio/video	1	1
	YPrPb component video	1	0

## REMOTE CONTROL FEATURES

- Model 40.0 Universal UHF/IR remote control using proprietary ZigBee RF4CE profile (provided with every receiver)
- 2-way learning functionality
- Universal remote control allows IR programming of up to three additional devices such as TVs and DVD players
- DVR buttons: 30-sec. skip forward, 10-sec. skip back, stop, play, pause, fast-forward and rewind (4x, 15x, 60x, 300x)
- Dimensions: 2.25" x 8.25" x 1.125"
- Battery Size: AAA (4 each)

