

XSTREAMHD™

HD MEDIA RECEIVER



Overview

The HD Media Receiver is a powerful networked audio/video decoder that provides access to the HD entertainment content in your Virtual Personal Library. The XStreamHD whole-home entertainment solution delivers unmatched quality, convenience, and value.

Full HD Video and Lossless Audio

The HD Media Receiver supports the highest-quality HD entertainment - Full HD (1080p) video and 7.1 channels of lossless audio. It's unparalleled HD quality that maximizes the capabilities of your HDTVs and sophisticated home theater equipment.

Advanced Control Features

Manage all the HD entertainment in your Virtual Personal Library with the HD Media Receiver. You also control the Network Video Recorder (NVR) and playback of all your HDTV programs. Comprehensive trick modes include pause live or recorded TV, fast forward, rewind, and skip scene. Set time markers in your favorite recorded shows for playback and review.

Advanced Menu Navigation

The XStreamHD Media Receiver provides you with an intuitive graphical user interface (GUI) that allows easy access to content from a 3D wall of entertainment titles. With Direct Alphanumeric Navigation, or DAN, quickly locate specific content using the alphanumeric keypad on the RF One Remote Control.

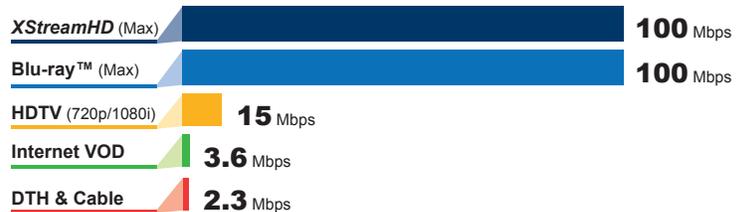
HD Media Receiver

- **Advanced Audio/Video Decoding**
 - Full HD (1080p) up to 100Mbps
 - Multi-Standard Video Decoding: MPEG-2 & MPEG-4
 - 7.1 Channels of Lossless Audio: DTS-HD Master Audio™ & FLAC
 - Dolby Digital Plus™ (EAC3), AAC+, & MP3 Decoding
- **Advanced Trick Modes**
 - Time Markers: Chapter & User Defined
 - Playback Control: Instant Replay & Time Skip
- **Network Video Recorder (NVR) Access via Gigabit Ethernet**
- **4GB Solid State Drive**
- **Ultra-Quiet, Compact Design**

RF One Remote Control

- ZigBee PRO™ RF Technology for No Line-of-Sight
- Ergonomic Design with Soft Rubber Grip
- Press "1" to Access On-Screen Voicemail
- Find a Lost Remote Control with Pager Feature

HD Video Stream Rate Comparison



System Integration

The XStreamHD Media Receiver has a GigE network interface with custom hardware accelerators to process the high stream rate HD content. The high-speed USB port makes it easy to upload and transfer movies, audio files, and other content directly to, and from, the XStreamHD Media Server. Access advanced messaging features, i.e. listen and manage your voicemail through your TV.

RF One Remote Control

The XStreamHD Media Receiver is controlled with an ergonomic backlit RF One Remote Control, which leverages Zigbee Pro™ radio frequency (RF) technology that requires no line-of-sight and is designed for reliability, security, and low power consumption. The IR learning feature enables control of other A/V equipment. The powerful RF One Remote Control works from a distance of up to 50 meters and RF technology enables you to page a lost remote control.



Blu-ray™ is a trademark of the Blu-ray Disc Association. DTS-HD Master Audio is a trademarks of DTS, Inc.

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HD MEDIA RECEIVER SPECIFICATIONS

FEATURES

Virtual Personal Library	Access Full HD video and lossless audio
HDTV	Receive off-air HDTV programs via XStreamHD Media Server's networked HDTV tuners
NVR	View and manage the XStreamHD Media Server's Network Video Recorder (NVR) content
Lossless Audio	Decodes multi-channel DTS-HD Master Audio™ and FLAC, decodes Dolby Digital Plus stereo
Universal Remote Control	Both the Media Receiver and RF One Remote Control support IR and RF Zigbee® to enable interoperability with universal remote controls
Network Clock	IEEE 1588 Precise Time Client
Mount Option	Vertical mount with pedestal or horizontal shelf mount

WEIGHT AND DIMENSIONS

Chassis Dimensions (WxHxD)	1.77" x 7.24" x 8.23"
Weight (Approx.)	< 2 lbs



VIDEO

File Formats	MPEG-2 HD (Main Level/High Profile) H.264/AVC/MPEG-4 (Level 4/High Profile)
Picture Formats	JPEG, PNG, BMP, GIF, TIFF
Resolutions	1080p, 1080i, 720p, 480p, 480i
Bit Rate	Up to 100Mbps constant or variable
Frame Rate	60, 59.94, 30, 29.97, 24, 23.98 fps
CEA-861-D ID Codes	34, 33, 16, 7-2

AUDIO

File Formats	DTS-HD Master Audio™, DTS 96kHz/24bit, DTS Core 48kHz Dolby Digital Plus (EC3), Dolby Digital (AC3) AAC+ (HE-AAC v2) FLAC, MP3, LPCM
Channels	7.1, 5.1, stereo channels
Resolution	16, 20, 24 bits
Sample Rates	8-48kHz, 96kHz and 192kHz

NETWORK VIDEO RECORDER

Tuners	Three HDTV (ATSC) tuners
NVR	Network Video Recorder (NVR) centralizes management and storage of recorded off-air HDTV content
Recording	Patent-pending Adaptive Recording dynamically adjusts program start and finish

REAR PANEL

Network	RJ-45 Gigabit Ethernet (IEEE 802.3ab) with custom hardware accelerators
Analog Video	Component Video: YPrPb RCA jacks (1080i, 720p, 480p) Composite Video: CVBS RCA Jack (480i)
Analog Audio	2-channel RCA Outputs (L/R Stereo) 96kHz/24bit
Digital Audio	SPDIF Optical and 75Ω Coaxial
Digital Audio/Video	HDMI v1.3 Audio and v1.2 Video
USB	USB 2.0 hi-speed 480Mbps supporting MP3 players and solid state drive
Power	2.5 mm circular connector; 7VDC@3.5A
LED Indicators	Orange: Recording off-air HDTV Blue 1: Blinking indicates voicemail message Blue 2: Acknowledges RC commands from remote Green/Yellow: Network connection

ENVIRONMENTAL (AMBIENT)

Operating Temperature	15° – 35° C
Operating Humidity	10 - 80%

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