



MOTOROLA DCX3501

HD DUAL TUNER DVR SET-TOP

FEATURES

- M-Card™ (Multi-stream CableCARD™) support for Conditional Access
- OpenCable Application Platform (OCAP™) - capable
- Compatible with Motorola DCT/DCH legacy software API set
- Digital Video Recorder (DVR) with dual 1 GHz digital video tuners
- Additional 1 GHz DOCSIS® tuner
- Standard 500 GB replaceable hard drive
- Standard MoCA integrated home networking interface
- Dual high-definition (HDTV) decode of MPEG-2 and MPEG-4 AVC (H.264) with 1080p60 HDMI output
- Dolby® Digital and Dolby Digital Plus audio decode
- Dolby Volume intelligent multi-channel audio leveling
- DOCSIS 2.0+ embedded cable modem with support for DSG and downstream channel bonding (3 down, 1 up)
- Full-featured front panel display and touch-sensitive controls
- SCTE 55-1/SCTE 55-2 outof-band
- 64 MB Flash, 512 MB DRAM
- Remote and on-screen diagnostics
- Switched Digital Video (SDV)-capable
- Accelerated 2D and 3D graphics

PRODUCT SPECIFICATIONS

STANDARD INTERFACES

Front Panel



Power, Message, Data, and Home LAN indicators

Output video format indicator

Four-character seven-segment display

Two recording indicators

IR receiver (with Motorola and XMP-1 protocol auto-detection)

USB 2.0 Host Type A port

Four-way navigation, Select, Power, Menu, Guide, Info, Channel Up/Down, and Format touch-sensitive buttons



MOTOROLA DCX3501

HD DUAL TUNER DVR SET-TOP

PRODUCT SPECIFICATIONS

STANDARD INTERFACES CONT.

Rear Panel

F-connector for cable input
Integrated MoCA 1.1 Home Networking interface
Pre-installed M-Card
HDMI output (up to 1080p60) with auto-lip sync correction
YPbPr component output
Baseband composite video output
RF remod output (Channel 3/4)
S-Video output
L/R audio output with volume control
Coaxial and Optical S/PDIF digital audio outputs
IEEE-1394a interface (M-Card/U.S. model only)
10/100 Ethernet interface
eSATA interface
Mini-phone 3.5 mm serial port/External IR input (IR extender cable sold separately)

SPECIFICATIONS

RF Input Frequency (video and audio)

54 To 1002 MHz (video and audio)

Memory

64 MB Flash, 512 MB DRAM

Video

Dual HDTV decode of MPEG-2, MPEG-4 AVC

Video Format

NTSC, PAL-M, PAL-Nc

Video Resolution

480i/p, 576i/p, 720p, 1080i, and 1080p60 (HDMI only)

Audio

Dolby Digital, Dolby Digital Plus, Dolby Volume

Graphics

Up to 32-bit color, accelerated 2D and 3D and scalable video-in-graphics

1 GHz DOCSIS Tuner

DSG and 2.0+ channel bonding (3 down, 1 up)

Hard Disk Drive

500 GB internal (replaceable/ upgradable)



MOTOROLA DCX3501

HD DUAL TUNER DVR SET-TOP

PRODUCT SPECIFICATIONS

SPECIFICATIONS CONT.

Out-of-Band Modulation

Frequency agile receiver 70 MHz to 130 MHz

Power Supply

Power Supply 105 VAC to 125 VAC, 60Hz input;
12 VDC output

Power Dissipation

28 W (depending on features)

Dimensions

2.56 x 12.6 x 8.75 in. (H x W x D)

Weight

5.5 lbs.

Operating Temperature

50°F to 108°F (15°C to 42°C)

Operating Humidity

5% to 90% (non-condensing)

ACCESSORIES

500 GB hard drive replacement kit