

## **DCT6400 Series**

### **Dual Tuner DVR High-Definition Set-tops**



The Motorola DCT6400 Series set-top combines the extraordinary features of digital cable – the seemingly endless programming options, interactive program guides (IPG), Video on Demand (VOD), and commercial-free, CD quality music – with dual tuner digital video recording (DVR) and the incredible picture quality and sound of your high-definition television (HDTV). The DCT6400 Series set-top offers advanced capabilities including a high-end microprocessor, expanded memory, enhanced graphics, and a full range of audio/visual inputs/outputs.

The DCT6400 Series set-top includes a direct digital connection to consumer audio and video devices through IEEE 1394-DTV and DVI interfaces. The DCT6412 set-top is fully equipped with an integrated 120 GB hard drive for hours of DVR functionality, including the ability to:

- Record hours of standard digital TV and high-definition TV content
- Maintain a personal library of recorded programming, accessed using the interactive program guide (IPG)

Simultaneously:

- Watch two programs and easily switch between them using the remote control
- Record one program while viewing another program
- Record two programs at the same time
- Watch a program recorded on your DCT6400 set-top while recording two other programs at the same time

*The DCT6400 Series dual tuner combines your high-definition television with powerful interactive and entertainment services.*

The DCT6400 Series set-top:

- Initiates, authorizes, and facilitates the purchase of on demand programming services
- Decodes high-definition video
- Outputs HDTV in multiple video modes
- Enables high-quality video and surround-sound audio
- Supports multi-size, factory-installed hard disk drives (HDD)
- Provides dual tuner DVR functionality to pause and time shift live video
- Includes a built in DOCSIS cable modem for IP services
- Digital outputs: IEEE 1394 / DVI



## DESCRIPTION

- Advanced digital set-top that supports HDTV, Dolby 5.1, and DVR services
- Dual video tuners for watch-and-record DVR services
- Digital decode of HD video / audio content
- Robust CPU, memory footprint, and 3D graphics to run IPG, VOD, advanced applications, and middleware
- Built in DOCSIS modem for high speed interactivity
- Full range of interfaces including YP<sub>B</sub>P<sub>R</sub>, DVI, 1394, USB, Ethernet, SPDIF, and SmartCard

## FEATURES

### Standard Features

- MPEG-2 digital video processor
- Integrated high-definition decoder with YP<sub>B</sub>P<sub>R</sub> component output
- Built-in dual MPEG analog encoder
- PCM, AC-3, Dolby 5.1 Prologic Digital audio capability
- ITU standard 64/256 QAM/FEC/enhanced adaptive equalizer
- DOCSIS 1.0 / 1.1 capable integrated cable modem
- Three 54-860 MHz tuners (two video, one data)
- Frequency agile 2.048 Mbps out-of-band data receiver
- 32 bit, 2-D / 3-D graphics
- MIPS, RISC-based processor
- Analog/digital video scaling (Picture in Graphics)
- 16 MB Flash, 128 MB DRAM standard unified memory
- Clear analog channel processor with BTSC decoder
- DES-based encryption/DCII access control
- Digital diagnostics
- Macrovision<sup>®</sup> copy protection
- Full feature access from front panel

### Standard Interfaces

- DVI and 1394 (DTV) digital interfaces
- Optical and electrical SPDIF / Dolby Digital connectors
- S-Video output
- RF and baseband output (Video, L/R Audio) ports
- Front and rear panel L/R audio and video inputs
- Two USB connectors (one on front panel)
- 10/100 Base-T Ethernet port (RJ45 Connector)
- Smartcard interface connector (e-commerce)
- TVPASS<sup>™</sup> renewable security connector
- IR blaster port
- 4 digit, 7 segment LED display with IR receiver for remote or/and keyboard
- Switched Accessory Outlet

### General Specifications

|            |                            |
|------------|----------------------------|
| Dimensions | 17.13 W x 12.75 H x 2.75 D |
| Weight     | 11.5 lbs                   |

### Accessories

DRC800 universal remote control (sold separately)

Specifications are subject to change without notice.

MGBI



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