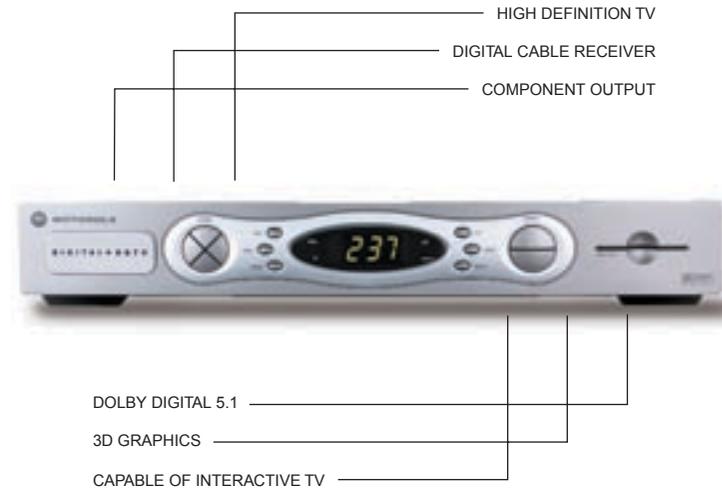




[DCT5100]

HDTV Digital Cable Receiver

THE DCT5100: BRINGING A NEW DEFINITION TO THE WORDS HIGH DEFINITION.



[High Definition Technology]

The Motorola DCT5100 is a high definition digital cable receiver, designed for the HDTV enthusiast. By integrating a high definition decoder into its advanced-interactive cable receiver, Motorola has introduced a convenient, space-saving one-box solution delivering digital cable, HD programming and interactive services* such as e-commerce, pay-per-view, video-on-demand, Internet browsing and e-mail.

[Advanced Convergence]

Motorola has combined enhanced video and audio into one convenient receiver

for the best sound and picture quality possible. With a powerful, high-end microprocessor and graphics hardware and a large expandable memory footprint, the DCT5100 is able to run advanced platforms. The DCT5100 also features an integrated high-speed DOCSIS cable modem that can be activated by cable providers to allow their subscriber to take full advantage of future services.

[Benefit Driven]

What does all of this mean for cable providers and retailers? The DCT5100 is the winning combination that helps cable providers offer the next evolution

of digital cable services to their customers. Cable providers can also use the DCT5100 as a tool to increase digital penetration and customer loyalty as well as decrease churn. Retailers benefit from increased traffic from traditional cable customers, revenue from value added sales, more choices for customers and the latest digital technology offerings.

Find out more today about the latest in high definition technology at www.motorola.com/broadband.



[DCT5100 HD Set-top]



- > Triple tuner architecture supports simultaneous Internet protocol (IP) connection while processing digital HD video and audio (“watch, talk ‘n’ surf”)
- > Digital decode of HD video/audio content
- > Built in DOCSIS modem for high speed interactivity
- > Robust CPU, memory footprint, 3D graphics to run advanced applications and middleware
- > Technical Support
1.866.MOT.BCS1
(866.668.2271)
7am to 11pm EST
Mon-Sun

Standard Features**

- > MPEG-2 Digital Video Processor
- > Integrated High Definition decoder with Component output YPbPr
- > ATSC Standard Dolby (AC-3) Audio Processor
- > ITU standard 64/256 QAM/FEC/enhanced adaptive equalizer
- > DOCSIS 1.0/1.1 capable integrated cable modem***
- > 54-860 MHz Tuner supports 64 and 256 QAM clear and encrypted digital cable channels
- > Frequency agile 2.048Mbps out-of-band data receiver
- > 300+ MIPS, RISC-based microprocessor
- > 32 bit, 2-D/3-D graphics
- > Analog/digital video scaling (Picture in Graphics)
- > 16 MB Flash, 64 MB DRAM standard unified memory
- > Clear Analog Channel Processor with BTSC Decoder
- > DES Based Encryption/DCII Access Control
- > Dolby Digital 5.1, Dolby Pro Logic and PCM audio capability
- > Digital Diagnostics
- > Macrovision Copy Protection
- > Full Feature Access From Front Panel
- > Switched Accessory Outlet

Standard Interfaces

- > RF and Baseband Output (Video, L/R Audio) Ports
- > Three USB connectors (one on front panel)***
- > 10/100 Base-T Ethernet Port (RJ45 Connector)
- > Smart Card Interface Connector (e-commerce)***
- > Component output YPbPr
- > Front and rear panel L/R audio and video inputs
- > S-Video Output
- > Optical and coaxial SPDIF/Dolby Digital connectors
- > TVPASS™ renewable security connector
- > IR Blaster Port
- > Audio loop through connectivity
- > 4 digit, 7 segment LED display with IR receiver for remote or/and keyboard

Optional Features

- > IEEE-1394 “Firewire” digital interface (dual connector interface)
- > RF Bypass or A/B switch
- > Expansion DRAM (up to 128 MB)
- > Expansion FLASH (up to 32 MB)
- > DVI interface
- > Universal remote (DRC 450)
- > Keyboard

*Digital cable, high definition programming and interactive services are subscription based services offered by cable TV providers. Services and availability may vary by provider.

**The product features set forth above are subject to change by Motorola Inc. DCT5100 Rev. 6 January, 2003.

***The integrated DOCSIS cable modem, USB connectors and Smart Card interface connector features may/not be activated at time of consumer purchase. This feature may be activated by a cable provider for future use of cable services. Ability to activate such modem may vary by provider.

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