



DCT700 All-Digital Set-top

An interactive digital set-top with small size and big performance.

Motorola's DCT700 provides versatile interactivity in the all-digital network for expanded information and entertainment services.

The Motorola DCT700 is an all-digital set-top that provides you with the advantages of an all-digital network. Digital channels take up less room on your cable TV network. This results in increased "bandwidth" for more channels and services like high-definition TV (HDTV), electronic program guides (EPGs), pay-per-view (PPV), Video on Demand (VOD), and other on-demand information and entertainment services. The DCT700's capabilities are limited only by what your cable service provider offers. If your cable service provider eliminated analog channels in your area and replaced them with "all digital" channels, there would be even more room on the cable network system for additional services such as high-speed data, VOD, and high-definition content.

To decode the data used to transmit the digital channels, a separate set-top is required for each television in the home. The DCT700 provides digital channels to all your TVs through coaxial cable or analog (RCA-type) audio/video jacks.

Check with your local cable service provider for availability of the DCT700 in your area.

HIGHLIGHTS

- Supports services such as EPGs, PPV, and VOD
- Reclaims bandwidth allocated to analog channels
- Compatible with Motorola's award-winning secure MediaCipher® conditional access technology
- Two-way capability to enable interactivity
- Motion picture industry standard for coding and decoding video (MPEG-2)
- AC-3 standard for 5.1 Dolby® Digital Surround Sound

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Technical Specifications

STANDARD FEATURES

- MPEG-2 Digital Video Processor
- ATSC standard Dolby® Digital (AC-3) audio processor
- ITU standard 64/256 QAM/FEC/enhanced adaptive equalizer
- On-board real-time RF return (256 Kbps)
- Bitmapped graphics display (4-/8-bit)
- 90–860 MHz tuner
- DES-Based encryption/DCII access control
- Digital diagnostics
- Frequency agile 2.048 Mbps out-of-band data receiver
- Macrovision® copy protection
- IR support for remote control

STANDARD INTERFACES

- RF remodulator output (ch. 3, 4)
- Baseband video and audio outputs

OPTIONAL FEATURES

- Motorola Universal Remote Control (DRC450)

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