

## DCT1800

### Digital Consumer Terminal



The Motorola DCT1800 offers an affordable interactive digital set-top solution for operators who want a smart, economical means of offering interactive services such as Video-on-Demand (VOD), impulse Pay-Per-View (PPV), and Electronic Program Guides (EPGs). Based on the Motorola DCT2500, the Motorola DCT1800 offers the full application functionality of its predecessor, and includes Motorola's Emmy-award-winning access control and encryption technology DigiCipher® II.

Motorola's DCT1800 incorporates a streamlined design that features fewer I/O ports and works entirely via remote control instead of using front panel control. Perfect when used as an additional cable outlet within the household or simply as a low-cost offering to provide digital interactive services to your customer base.

*The Motorola DCT1800 set-top provides full interactivity at a low cost.*

#### HIGHLIGHTS:

- ITU standard 64/256 QAM/FEC enhanced adaptive equalizer
- On-board, real-time RF return (256 Kbps)
- Bitmapped graphics display (4-8 bit)
- Video scaling support
- 4 MB Flash, 16 MB DRAM
- MPEG-2 Digital Video Processor
- ATSC standard Dolby® Digital (AC-3) and MPEG Level I and Level II audio processor
- Clear analog channel processing
- 54-860 MHz tuner
- DES-based encryption/DCII access control
- Digital diagnostics
- Frequency agile 2.048 Mbps out-of-band data receiver
- Macrovision copy protection®
- 4-line vertical blanking interval passthrough capability
- IR support for remote control and adhesive customer logo from front panel
- Volume control
- BTSC stereo decoder



## STANDARD INTERFACES

- RF remod output (channel 3, 4)
- TVPASS renewable security connector
- Baseband video and audio outputs
- Switched accessory outlet

## OPTIONAL FEATURES

- Motorola universal remote control (DRC450)
- Keyboard

Specifications are subject to change without notice.

MGBI

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