



# MOTOROLA DCX700

ALL-DIGITAL HD SET-TOP

## FEATURES

- Embedded MediaCipher™ Conditional Access or MediaCipher™ Cable Card support (pre-installed at factory)
- Compatible with Motorola DCT / DCH legacy software API set
- Single 1GHz digital video tuner (QAM 64/256)
- High-definition (HDTV) decode of MPEG-2, MPEG-4 AVC (H.264), VC-1
- Audio decode of Dolby® Digital, Dolby® Digital Plus, AAC-LC / HE-AAC, WMA9, MP3
- Optional MoCA® home-networking interface
- SCTE 55-1 / SCTE 55-2 Out-of-Band)
- Video scaling (Picture-in-Graphics)
- Accelerated 2-D and 3-D graphics
- 64 MB Flash (standard), 256 MB DRAM total (standard)
- IR Remote Sensor (IR remote tether sold separately)
- Remote and On screen diagnostics
- Switched Digital Video capable
- Macrovision®, HDCP, DTCP, and CGMS-A content protection schemes on the respective interfaces
- Front Panel LED displays for Power, Data, and Record (MoCA® only)
- Small footprint, elegant wall mounted profile
- Serial port and External IR input are combined one 3.5 mm connector



## PRODUCT SPECIFICATIONS

### MANUFACTURING OPTIONAL FEATURES

DCX700-M with MoCA® 1.1 home networking interface

Pre-installed M-Card or embedded MediaCipher™ Conditional Access

### STANDARD INTERFACES

#### Front Panel

Power indicators (Power, Data, and Record)

IR remote control sensor

USB 2.0 Host Type A port Connector



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## PRODUCT SPECIFICATIONS

### STANDARD INTERFACES CONT.

#### Rear Panel

F-connector for Cable input  
HDMI™ output  
YPbPr component output  
Baseband composite video output  
L/R audio output – fixed line level  
Optical S/PDIF digital audio outputs  
USB 2.0 Host Type A port  
1394a interface  
3.5mm Serial port  
3.5mm External IR input

### SPECIFICATIONS

#### RF Input Frequency (video and audio)

54 to 1002 MHz (video and audio)

#### Memory

64MB Flash 256 MB DRAM standard unified Legacy Platform Supported

#### Video

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

#### Processor

MIPS, RISC-based

#### Graphics Resolution

SD Outputs – 4:3 up to 720x480

HD Outputs – 16:9 up to 1920x1080

#### Video Resolution

480i, 480p, 576i/p, 720p, 1080i and 1080p

24/30 (HDMI™ only)

Supports NTSC / PAL-M / PAL-Nc

#### Operating Temperature

50°F to 108°F (10°C to 42°C)

#### Operating Humidity

5 to 90% (non-condensing)

#### AC Voltage

105 to 125 VAC, 60 Hz



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## **PRODUCT SPECIFICATIONS**

### **SPECIFICATIONS CONT.**

<b>Power Dissipation</b>	20 W
<b>Out-of-Band Modulation QPSK</b>	Frequency Agile receiver 70 to 130 MHz Bandwidth 2.0 MHz maximum Level -15 to 15 dBmV
<b>Digital Input Level</b>	64 QAM, -15 to 15 dBmV 256 QAM, -12 to 15 dBmV
<b>Dimensions</b>	1.6 x 10 x 5.6 in. (H x W x D)
<b>Weight</b>	1.5 lbs.