



DCH70

All-Digital, SDTV, M-Card™ Host Set-top

The Motorola DCH70 all-digital Host set-top provides a full set of standard-definition television (SDTV) features and interfaces. The DCH70 supports a wide range of current and future interactive applications running on Motorola's existing DCT legacy APIs.

Features

M-Card (Multi-stream CableCARD) Host support for conditional access

Compatible with Motorola DCT legacy APIs

Single 54 to 864 MHz video tuner

Digital video (64 QAM/256 QAM)

MPEG-2 digital standard-definition (SD) video processor

Video scaling (Picture-in-Graphics)

Accelerated graphics

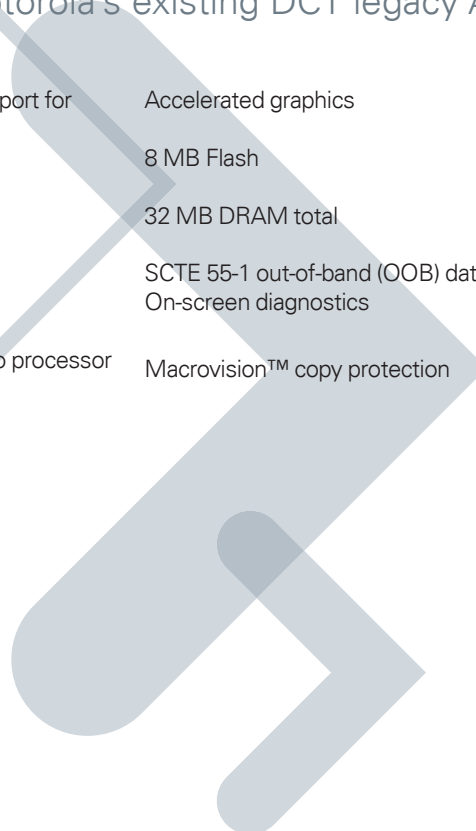
8 MB Flash

32 MB DRAM total

SCTE 55-1 out-of-band (OOB) data transmitter/receiver

On-screen diagnostics

Macrovision™ copy protection



SPECIFICATION SHEET
DCH70 Set-top Box

STANDARD INTERFACES

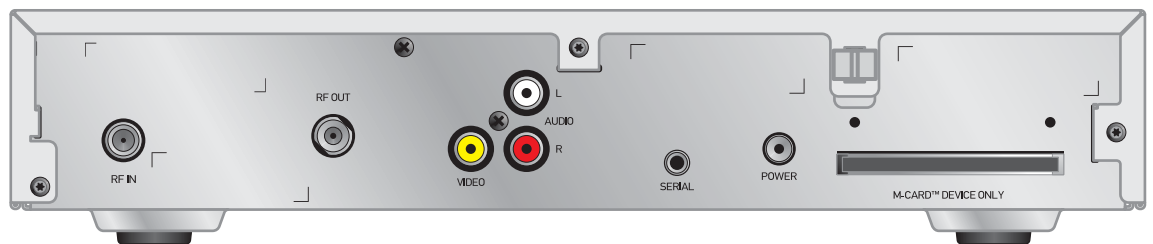
Front Panel	Power On and Message LEDs, IR remote control sensor
Rear Panel	F-connector for cable input, M-Card slot, RF remod output (Ch 3/4), baseband composite video output, L/R audio output, mini-phone serial port

SPECIFICATIONS

RF Input Frequency	54 to 864 MHz
Memory	8 MB Flash; 32 MB DRAM standard unified
Video	Up to 32-bit color, accelerated 2-D support, and scalable video-in-graphics
Processor	MIPS, RISC-based
Graphics Resolution	
SD Outputs	4:3 up to 720x480
Video Resolution	480i
Operating Temperature	15 °C to 42 °C (50 °F to 108 °F)
Operating Humidity	5% to 90% (non-condensing)
AC Voltage	105 to 125 VAC, 60 Hz (external power supply)
Power Dissipation	15 W AC
OOB Modulation	QPSK
Frequency	Agile receiver 70 to 130 MHz
Bandwidth	2.0 MHz maximum
Level	-15 to 15 dBmV
Digital Input Level	
64 QAM	-15 to 15 dBmV
256 QAM	-12 to 15 dBmV
Dimensions	11.22 in W x 7.11 in D x 2.18 in H (28.50 cm x 18.01 cm x 5.54 cm)
Weight	3.0 lb (1.4 kg)

Certain features may not be activated by your service provider, and/or their network settings may limit the feature's functionality. Additionally, certain features may require a subscription. Contact your service provider for details.

All features, functionality, and other product specifications are subject to change without notice or obligation.



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