

BENEFITS

Simple Navigation

Easily search channels, times, and programs

Picture-over-Guide

On-screen channel and program listings; browse the picture-over-guide while viewing programming

Interests

Surf through channels or program listings by type

Enhanced Parental Controls

Lock rated programming with a password to block the screening of inappropriate content to minors

Electronic Program Guide (EPG)

Convenient Interactive program listing information for an improved customer experience, complete with picture in guide

Modem and Phone Interfaces

Standard Bell 212A and RJ-11 Telco Plug support 1200 Baud data transfer rate for Internet connectivity



The Motorola DSR317 is a significant upgrade to the popular DSR315 satellite receiver, enabling the new Star Choice program guide previously available only on High-Definition (HD) and Digital Video Recorder (DVR) products.

A full-featured, compact digital satellite receiver, the DSR317 was designed specifically to provide home theater connections in locations without High-Definition (HD) video requirements. The DSR317 supports RF (channel 3/4), composite video outputs, and S-video, as well as Dolby® Digital S/PDIF and Toslink digital audio and stereo audio connections.

The DSR317 fits easily into bookshelves, on top of televisions, and in other locations where the placement of a full-sized satellite receiver is impractical.

DSR317

Digital Satellite Receiver

TECHNICAL SPECIFICATIONS

GENERAL

Temperature	0 °C to 40 °C (32 °F to 104 °F) ambient
Humidity	95% relative
Dimensions	12.04 in (30.58 cm) W x 2.32 in (5.89 cm) H x 8.22 in (20.88 cm) D
Weight	4.5 lbs
Power Input	115 VAC, 60 Hz, 30 W (nominal)
Regulatory Compliance	FCC Part 15 & 68, ANSI C63.4-1992, UL 1492 & 1459, CSA, EIA 563
Limited Warranty	1 year

INPUT SPECIFICATIONS

Frequency	950 to 2150 MHz
Impedance	75 Ω
Signal Level	-65 dBm to -25 dBm per carrier; up to 16 carriers per polarization
Return loss	8 dB min.
Off-air antenna	

DIGICIPHER® II AUDIO

Stereo Outputs	2
Impedance	110 Ω max.
Output Level	5.66 V p-p \pm 10% into 2k Ω load with 0 dBFS digital output
Frequency Response	1.0 dB p-p, 20 Hz to 20 kHz; THD 0.3% max. from 20 Hz to 20 kHz referenced to +10 dBm encoder
SNR	85 dB min.
Stereo Channel Isolation	60 dB min.

DIGITAL AUDIO

Optical Power Output	0.032 mW max.
Wave Length	660 nm \pm 30 nm
Cable Length	3 m max.
Dolby AC-3 Coaxial Output	0.5 V p-p, 20% into 75 Ω (1%) load Complies with IEC 60958 for unbalanced driver circuits

DIGICIPHER II COMPOSITE VIDEO

Output Level	1.0 V p-p \pm 10%, sync tip to reference white
Frequency Response (NTSC)	\pm 1.0 dB, 1 kHz to 4.2 MHz
C-L Delay Inequality	\pm 50 nsec
Differential Gain	5.0% p-p max. (10 to 90% APL)
Differential Phase	5.0 ° p-p max. (10 to 90% APL)
Luminance SNR	57 dB

S VIDEO

Output Level Luminance (Y)	1.0 V p-p \pm 15% into 75 Ω
Chrominance (C)	286 mV p-p \pm 15% into 75 Ω
Frequency Response Y	\pm 1.0 dB, 1 kHz to 4.2 MHz
SNR Y	57 dB min. (unified weighting 100 kHz HPF, 5 MHz LFP)

USB 2.0 PORT

For future use

MODEM INTERFACE

Standard	Bell 212A
Data Rate	1200 baud
Connector	RJ-11 telco plug

REMULATOR COMPOSITE VIDEO

Channels	3 and 4 (NTSC)
Formats	NTSC

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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