



# DSR319

## Digital Satellite Receiver

### BENEFITS

#### Simple Navigation

Easily search channels, times, and programs.

#### Picture-over-Guide

On-screen channel and program listings; browse the picture-overguide 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 interactive features.



A full-featured, compact digital satellite receiver, the DSR319 was designed specifically to provide home theater connections in locations without High-Definition (HD) video requirements. The DSR319 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 DSR319 fits easily into bookshelves, on top of televisions, and in other locations where the placement of a full-sized satellite receiver is impractical.

## Technical Specifications

### GENERAL

Temperature	0 °C to 40 °C (32 °F to 104 °F) ambient
Humidity	95% relative
Dimensions	12.04 in W x 2.32 in H x 8.22 in D (30.58 cm x 5.89 cm x 20.88 cm)
Weight	4.5 lbs (2.04 kg)
Power Input	115 VAC, 60 Hz, 24 W (nominal)
Regulatory Compliance	FCC Part 15 & 68, UL/cUL 60065
Limited Warranty	1 year

### INPUT SPECIFICATIONS

Frequency	950 to 2150 MHz
Impedance	75 $\Omega$
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 $\Omega$ max.
Output Level	5.66 V p-p $\pm$ 10% into 2k $\Omega$ 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 $\Omega$ (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 $^\circ$ 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 $\Omega$
Chrominance (C)	286 mV p-p $\pm$ 15% into 75 $\Omega$
Frequency Response Y	$\pm$ 1.0 dB, 1 kHz to 4.2 MHz
	57 dB min. (unified weighting 100 kHz HPF, 5 MHz LPF)

### USB 2.0 PORT

For future use

### MODEM INTERFACE

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

### REMODULATOR 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.



www.motorola.com  
101 Tournament Drive,  
Horsham, Pennsylvania 19044 U.S.A.

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