



# DSR209

## Digital Satellite Receiver

### BENEFITS

#### Simple Navigation

Easily search channels, times, and programs.

#### Picture-over-Guide

Browse the picture-over-guide while continuing to view 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.



A full-featured, compact digital satellite receiver, the DSR209 was designed specifically to provide home theater connections in locations without High-Definition (HD) video requirements. The DSR209 supports RF (channel 3/4) and composite video outputs.

The DSR209 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	6.9 in W x 2.25 in H x 8.0 in D (17.5 cm x 5.7 cm x 20.3 cm)
Weight	1.3 lbs (.589 kg)
Power Input	12 V DC; 15 W maximum
Regulatory Compliance	FCC Part 15, 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.

### DIGICIPHER® II AUDIO

Stereo Outputs	1
Source Impedance	110 $\Omega$ maximum
Output Level	5.66 V p-p $\pm$ 10% into 2k $\Omega$ load with 0 dBFS digital input
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.

### 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

### USB 2.0 PORT

For future use

### 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.



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