

## DSR205

### Digital Satellite Receiver



The Motorola DSR205 small, form factor satellite receiver is custom designed for Star Choice subscribers. It is well suited for additional outlets without full home theater connections. However, it has baseband, left, and right stereo connections for stereo TVs or small shelf stereo systems or radios with stereo inputs. For video output it has coaxial cable and RCA composite video connections.

Its smaller size allows the DSR205 to fit easily into bookshelves, on top of televisions, and other locations that are not adequate for placement of the full size satellite receiver.

*The size of a small book, the DSR205 is a full-featured digital satellite receiver that can sit in a small space.*

#### **BENEFITS INCLUDE:**

- **Simple Navigation**

The DSR205 makes it easier to search channels, times, and programs.

- **Picture-over-Guide**

By displaying channel and program listings on the bottom of the screen, viewers can browse the guide while continuing to view programming.

- **Interests**

The DSR205 offers viewers the ability to surf through channels or program listings by type.

- **Enhanced Parental Controls**

Locks rated programming with a password, preventing the screening of inappropriate content to minors.



## SPECIFICATIONS

### General

Temperature	0° to +40° C (ambient)
Humidity	95% relative
Dimensions	6.9" (W) x 2.25" (H) x 8.0" (D)
Weight	1.3 lbs.
Power Input	12 V DC; 15 W maximum
Regulatory Compliance	FCC Part 15, ANSI C63.4-1992, UL 1492 & 1459, CSA, EIA 563
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 minimum

### Digicipher® II Audio

Stereo Outputs	1
Impedance	110 $\Omega$ maximum
Output Level	5.66 V p-p $\pm$ 10% into 2 k $\Omega$ load with 0 dBFS digital input
Frequency Response	1.0 dB p-p, 20 Hz to 20 kHz THD 0.3% maximum from 20 Hz to 20 kHz referenced to +10 dBm encoder
SNR	85 dB minimum
Stereo Channel Isolation	60 dB minimum

### 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 maximum (10-90% APL)
Differential Phase	5.0° p-p maximum (10-90% APL)
Luminance SNR	57 dB

### Remodulator Composite Video

Channels	3 and 4 (NTSC)
Formats	NTSC



Specifications are subject to change without notice.

MGBI

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