

CDSR Series

Commercial Digital Satellite Receiver



○ Features & Benefits

- C/Ku Band Compatible - 950 to 1550 MHz Digital Satellite Receiver
- DigiCipher® II Encoding Compatible
- Supports Virtual Channing Mapping & Control via Extensive Software Menu
- UL Listed
- One Year Motorola Warranty

The CDSR-4400X is a professional quality, high performance, commercial digital satellite receiver. This unit is ideal for applications requiring an economically priced, commercial grade digital IRD. The CDSR-4400X is C and Ku band compatible, based upon DigiCipher® II encoding. It accepts signals in the 950 to 1550 MHz frequency range. Complete control of the CDSR-4400X is accomplished using extensive front-panel accessible menus.

The microprocessors and memory integrated into each CDSR-4400X decode and decompress the MPEG II video, audio, data and other information present in the signal, allowing significantly less information to be transmitted which reduces bandwidth requirements.

○ Specifications

RF

Frequency Range: 950 - 1550 MHz
Isolation, Port to Port: 40 dB
Impedance: 75 Ohm

Video

Frequency Response (NTSC): ± 1.0 dB
Frequency Response (PAL): ± 1.0 dB
Format: QPSK & QPSK DigiCipher® II
Differential Gain: 5% p-p
Differential Phase: 5° p-p
Signal-to-Noise Ratio: 57 dB

Audio

Frequency Range: 20 Hz - 20 kHz
Frequency Response: ± 1.3 dB
Output Level: +16, ± 1 dB dBm
Output Level Range: 0 to -15 dB
Stereo L-R Separation: 80 dB
Signal-to-Noise Ratio: 85 dB
Harmonic Distortion: <0.3 % THD
Impedance: 600 Ohm

General

Power Requirements
Voltage: 90 to 140 VAC
Frequency: 57 to 63 Hz
Power: 40 W
LNB Supply: 19 to 21 VDC 480 mA, maximum

Mechanical

Material: Steel Chassis
Dimensions: 48 W x 46 D x 4.24 H cm
Weight: 5.0 kg

Connectors (Rear Panel)

RF Input/LNB Power: "F" type, female
Aux Video Input/Output: Screw Terminal
Left Audio Input/Output: Screw Terminal
Right Audio Input/Output: Screw Terminal
Mono Audio Input/Output: Screw Terminal
Cue Tone Output: Screw Terminal
Asynchronous Data: Screw Terminal
High Speed Data: Screw Terminal
Ground: Screw Terminal
TvPass™ Security Slot: Card Slot

Controls (Front Panel)

Keypad: Push Buttons

○ Ordering Information

Model	Stock No.	Description
CDSR-4400X	6195X	Commercial Digital Satellite Receiver DigiCipher II & MPEG II

Refer to product instruction manual for additional specification measurements and notes.

Order From:



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