

CDSR Series

Commercial Digital Satellite Receiver



The CDSR-6199 & CDSR-6182 is a professional quality, high performance commercial digital satellite receiver. The CDSR-6199 and the CDSR-6182 is a single receiver. This Unit occupies one 1.75" EIA Rack Space. The unit is designed to receive MPEG-1 & MPEG-2 DirecTV programs. Ideal for cable systems requiring a single small DBS antenna while maintaining the highest signal quality and reliability.

This receiver has a unique address stored on the communication card. The receiver automatically handles virtual channel mapping using a programmer transmitted satellite transponder lookup table. Channels are user-selectable via Push Button Switch on the front panel. Monaural and stereo audio outputs are provided.

○ Features & Benefits

- Rack Mountable - 1 EIA (1.75") Rack Space
- Professional Commercial Satellite Receiver for DirecTV Compatibility
- Front Panel Mounted Push Button Switches for Easy Channel Selection
- UL Listed with Three Year Product Warranty
- DirecTV MPEG-1 & MPEG-2 Decompression and Virtual Channel Mapping Supported

○ Specifications

RF

Input Frequency Range: 950 - 1450 MHz
 Impedance: 75 Ohm
 Return Loss: -10 dB (max into 75 Ohms)
 Input Level: -65 to -25 dBm
 Total Bandwidth: 24 MHz
 Adj. Chan. Power: ± 4 dBm
 Modulation: QPSK
 Pulse Shaping Sq. Root:
 Nyquist 20% excess BW
 Transmit Symbol Rate: 20 MS/PS

Video

Level: 1.0 (± 3 into 75 Ohm) Vp-p
 Chrominance to Luminance Delay: ± 75 ns
 Luminance K Factor
 (2T Pulse): ≤ 5 %
 Differential Gain: ≤ 10 %

Audio

Output Voltage:
 0.2 (min) to 2.0 (max) Vrms
 Impedance: 10 K ohm
 S/N: > 90 dB
 THD: ≤ 0.05 %
 Dynamic Range: > 90 dB
 A/V Time Differential: ± 20 ms
 Gain Differential L-R: ≤ 1.5 dB (50 Hz - 15 KHz)
 Phase Differential L-R: ≤ 3 deg (50 Hz - 15 KHz)

General

Power Requirements
 Voltage: 110 (± 20 %) VAC
 Frequency: 54 to 66 Hz
 Power: 20 (max) W

LNB Supply

Current: 300(max) mA
 Protection: Lightning, Short Circuit
 Safety: UL Listed 1409

System Specifications

TV System: NTSC
 Connectors (Rear Panel)
 RF Input/LNB Power: "F" female
 Video: "F" female
 Mono, L/R Audio: Terminal Strip
 Phone Line Connection: RJ-11

Controls (Front Panel)

Channel Selector: Push Button Switch
 Enter Channel: Toggle Switch
 Power: Toggle Switch
 LED Indicator: Green LED

Mechanical

Dimensions: 19 x 1.75 x 18 in.
 Weight: 5.4 lbs.
 Operating Temperature: 0 to 50 °C

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

○ Ordering Information

Mode I	Stock No.	Description
CDSR-6199	6199	Commercial Digital Satellite Receiver DIRECTV DBS Programming
CDSR-6182	6182	Commercial Digital Satellite Receiver DIRECTV DBS Programming with Balanced Audio

Order From:



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