



6-Way Diversity Receiver

RFX-RMR-X6

Inputs	Antenna Inputs: 6 BNC female 70-850 MHz Switchable 15V DC downconverter power Frequency: 1.2-7.1 GHz (in bands, dependent upon down converters) Genlock: BNC-CVBS (Rear Panel)
Outputs	Analog Video: 2 Composite NTSC/PAL (BNC female) Digital Video: 2 SDI (BNC female) ASI Output: 2 ASI MPEG Stream (BNC female) Audio: 2 AES/EBU Digital SDI Embedded 4 Analog Features: MPEG-2 4:2:0 MP@ML bit-rate range 1.5-15 Mbit/s MPEG-2 4:2:2 422P@MLup to 50 Mbit/s 2 ASI out
Demodulation	6, 7, or 8 MHz COFDM (2k carrier) Auto-select modulation, FEC, and guard interval
Control	Local Control: Integrated LCD touch panel with spectrum display function Remote Controllable Monitoring: LCD touch panel with bar graph and graphic spectrum display
Power	Input: 100 to 240 (50-60 Hz) Consumption: 140 Watt VAC
Diversity Method	Fast Fourier Transforms-Maximum Ratio Combining (FFT-MRC)
Environment	Operating Temperature: -10 to +50 degrees C Humidity: 95% long term Size: 19" x 17.5" x 3RU Weight: 24.2 lbs

RF Central's RFX-RMR-X6 is a state of the art COFDM diversity receiver with an LCD touch panel interface and built in bar graph and graphic spectrum display. This receiver offers up to six antenna inputs and uses maximum ratio combining (MRC) to pull together the output of all the antennas for extremely efficient, superior performance. This unit can easily be used to provide 360 degree coverage without using antenna-switching or other expensive GPS tracking systems. All of the best signals from each antenna are combined to create one extremely robust signal.



Need Help? Contact  Technical Support
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