

MT630 Agile IRD SC

Meeting
Tomorrow's
Standards
Today

Features

- Easy-mounting 1.75 inch-high cabinet
- Licensed for use with VideoCipher® RS commercial descrambler modules
- Rock-solid 100 kHz PLL synthesized tuning
- Continuous tuning AFC and microprocessor control
- Front panel access to all level setting controls
- Five-segment Signal Strength Meter calibrated in dBm
- Available with optional CAD630 frequency agile second audio subcarrier demodulator



Features

- Enhanced threshold and SAW filtered performance for operation with smaller antennas or multi-beam feed assemblies
- A C/Ku-band satellite receiver with integrated VideoCipher® RS descrambler
- 950-1450 MHz
- Easily integrates into new and existing commercial systems
- Continuous tuning AFC and microprocessor control
- The VideoCipher® RS Module may be easily installed into the real panel, while the receiver is still rack-mounted
- Easily replace the module's backup battery with the receiver in active service
- Seven-Year Guarantee and Lifetime Loaner Program

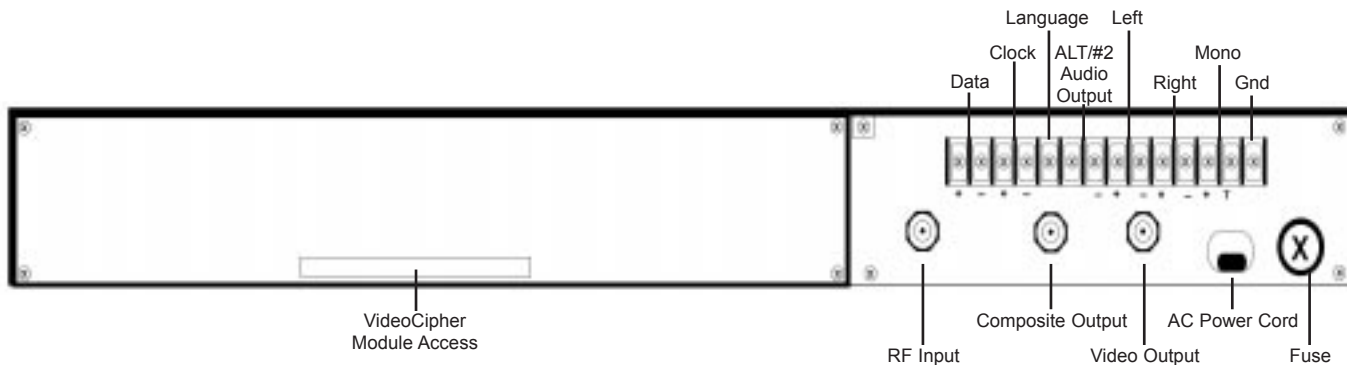
The No
Compromise
IRD For
Commercial
Cable
Applications



Mega Hertz
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Rear Panel



Specifications

RF OUTPUT

Input Frequency Range	950-1450 MHz
Input Level dBm	-20 to -65 dBm
FM Dynamic Threshold	12.5 dB
FM Static Threshold	7.5 dB
Receiver Noise Figure	12 dB

VIDEO CHARACTERISTICS

Video Level	1.0 Vp-p
Video Output Range	0.5-1.5 Vp-p
Chrominance-Luminance Delay Inequality	26 n-sec
Field-Time Waveform Distortion	5.0 IRE
Differential Gain	3.0%
Differential Phase	3 deg
Signal to Noise Ratio	62 dB

AUDIO CHARACTERISTICS

Subcarrier Frequency	6.8 MHz
Frequency Response (105Hz - 15KHz)	1.5 dB
Output Impedance (balanced)	600 ohm
Output Level	+18 dBm

GENERAL

Primary Power	100 ± 115 VAC
Primary Frequency	50-60 Hz
Size	19"w x 12"D x 1.75"H

Specifications subject to change without notice.



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