

# MT630



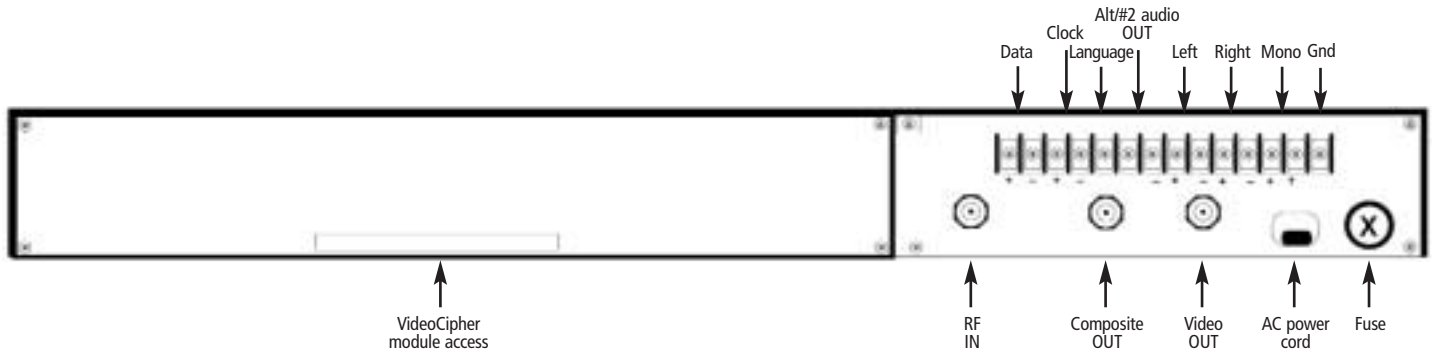
## agile integrated receiver descrambler

- Easy-mounting 1.75 inch-high cabinet
- A C/Ku-band satellite receiver with integrated VideoCipher® RS descrambler
- 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
- Enhanced threshold and SAW filtered performance for operation with smaller antennas or multi-beam feed assemblies
- 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 rear panel, while the receiver is still rack-mounted
- Easily replace the module's backup battery with the receiver in active service
- Seven-year Gold Standard Warranty

### other related standard products:

- MT650 Agile IRDII Satellite Receiver
- TVM550II Agile CATV Modulator
- TVM1000 Agile CATV Modulator
- DUC1000 Dual Digital Upconverter
- DSG2000BD Stereo Generator
- Stratum II Integrated Network Modulation System
- SCM550HP Agile AM-VSB Modulator

# MT630



## SPECIFICATIONS

### RF MT630

- Input frequency range . . . . . 950 – 1450 MHz
- Input level . . . . . -20 – -65 dBm
- FM dynamic threshold . . . . . ≤12.5 dB
- FM static threshold . . . . . ≤7.5 dB
- Receiver noise figure . . . . . 12 dB

### VIDEO MT630

- Video level . . . . . 1.0 Vp-p
- Video output range . . . . . 0.5 – 1.5 Vp-p
- Chroma-luma delay ineq . . . . . 33 n-sec
- Field-time distortion . . . . . 5.0 IRE
- Differential gain . . . . . 3.5%
- Differential phase . . . . . 3.0°
- Signal to noise ratio . . . . . 62 dB

### AUDIO MT630 (bypass mode)

- Subcarrier frequency . . . . . 6.8 MHz
- Frequency response (105 Hz – 15 kHz) . . 1.5 dB
- Output impedance (balance) . . . . . 600 ohms
- Output level . . . . . +18 dBm

### GENERAL MT630

- Primary power . . . . . 100 ± 115 VAC
- Primary frequency . . . . . 50 – 60 Hz
- Current consumption . . . . . 35 W
- Size . . . . . 19"W x 12"D x 1.75"H

\* Specifications subject to change without notice. For the latest information go to [www.standardcomm.com](http://www.standardcomm.com).

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