

# MT650



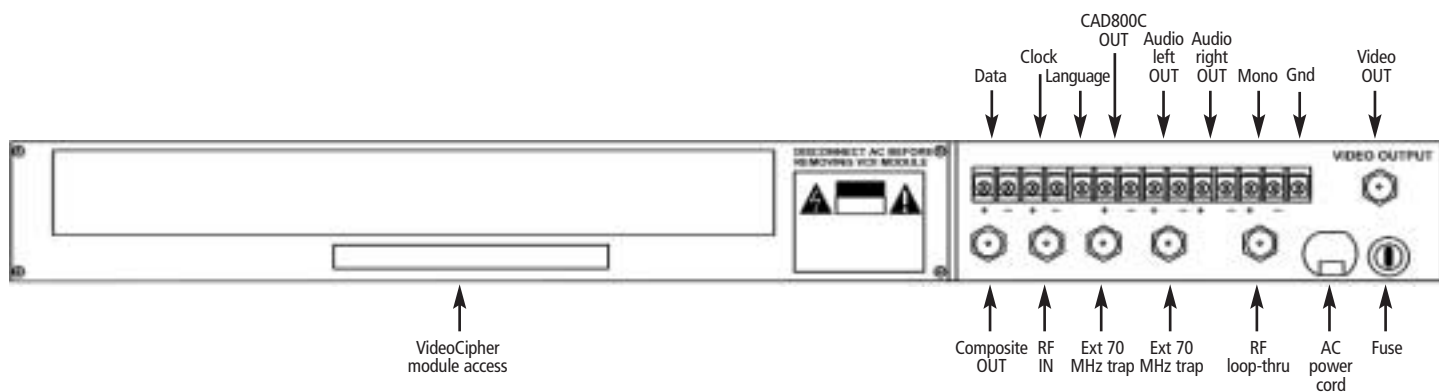
## agile integrated receiver descrambler

- Advanced IRD designed for master CATV headends
- RS250 broadcast certified video/audio performance
- Low profile 1RU
- Precision 100-kHz microprocessor controlled dual conversion PLL RF tuning circuit
- Precalibrated video/audio level controls ease setup and maintenance
- Industry standard 70MHz IF loop
- Front panel test points for video and IF
- Optional CAD800C second frequency agile audio subcarrier demodulator for SAP
- Choose the microprocessor controlled 24-channel frequency plan, or dial the desired satellite frequency directly
- Increased heat dissipation for cooler-running reliability
- RF loop-through connects multiple receivers without the use of external splitters
- Seven-year Gold Standard Warranty

### other related standard products:

- MT630 Agile IRD SC 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

# MT650



## SPECIFICATIONS

### RF MT650

- Input frequency range . . . . .950 – 1450 MHz
- Input level . . . . .-25 – -65 dBm
- Final IF frequency . . . . .70 MHz
- Stock IF bandwidth . . . . .30 MHz

### VIDEO MT650 (bypass mode)

- Chroma-luma delay . . . . .25 n-sec
- Field-time distortion . . . . .3.0 IRE
- Short-time distortion . . . . .3.0 IRE
- Differential gain . . . . .3.0%
- Differential phase . . . . .3°
- Signal to noise ratio . . . . .60 dB

### AUDIO MT650 (bypass mode)

- #1 audio frequency (fixed) . . . . .6.8 MHz
- #2 audio frequency (agile) . . . . .5 – 8.5 MHz
- Frequency response . . . . .1 dB
- Output impedance (balance) . . . . .600 ohms
- Output level . . . . .+18 dBm
- Harmonic distortion . . . . .1.0%

### GENERAL MT650

- Primary power . . . . .115 VAC
- Primary frequency . . . . .50 – 60 Hz
- Current consumption . . . . .20 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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