



Applications

Boardrooms
Classrooms
Training Centers
Broadcast Testing
Command and Control Centers

Sales Support

*Need help finding integration solutions for your application? Our **Sales Support** staff will be happy to work with you, providing expert integration assistance and a complete systems proposal.*

Tech Support

Need tech help? Give us a call. Our tech support staff are experts in the integration industry, so we can research solutions in the proposal stage, advise on programming requirements, and resolve installation issues.

Our job is to make our solutions work seamlessly with your system, performing as promised.

Related Products

232-ATSC+1 ATSC HDTV Tuner
ATSC-SDI HDTV Tuner + SDI
232-Amp+

The Contemporary Research 232-MCT is an economical RS-232/IR controlled video tuner featuring mono audio, 125-channel access in CATV, HRC, or IRC modes, closed captioning and intelligent control. Fully programmable, the unit can restore all settings on power-up from non-volatile memory. A list of accessible channels, called channel rings, can be stored in memory, used for convenient channel up/down control and to control direct access to unlisted channels. Switchable inputs for NTSC video and mono audio are included so the tuner can share a video projector input with another source.

An onboard character generator displays on-screen text for closed captioning, channel names, and text from a custom control system. Full setup, control, and feedback is provided by RS-232. Up to nine 232-series tuners can be controlled from a single RS-232 port. In addition, remote tuning ring channel up and down operation can be accessed through contact closure inputs. Enjoy a full range of wireless control with the optional HD-RC IR Wireless Remote.

- Tunes analog cable channels 2-125 in CATV, HRC, or IRC modes
- Displays closed-captioning text, on-screen channel names, and on-screen text from custom control systems
- Switchable AV input allows tuner to share AV input on projector, converts stereo audio to mono
- RS-232, front-panel IR and wired IR control
- AMX and Crestron programming modules available, compatible with wall panels by Extron, SP Controls, RTI and others
- Mutes both audio and video, variable volume control
- Setup available via RS-232 using free Tuner Helper software, a Terminal application, or by custom system programming
- Mounts in 19" rack with optional RK1 or RK2 kit for dual side-by-side installation



Front Panel	IR Sensor Power LED (behind IR sensor window)
Video Out	Composite RCA
Audio Out	2 Mono RCA, 1K ohms
Performance	Total Harmonic Distortion (THD): 0.5%, 0.1% typical, 20Hz to 20KHz
Level	+8dBu, (2V RMS)
Volume	0 to -70 dB and mute, 64 steps
AV Input	RCA Video, Dual Mono audio, Converts stereo to mono audio
Power	350 mA maximum, 11.5 to 16.5 VDC, 12 VDC typical
Physical	8.5" [216mm] wide x 1.75" [44mm] height (1RU) x 6.0" [153mm] deep, 1.5 lbs [0.68kg] Rack mounting for one or two units side-by-side optional (RK1, RK2)
Tuning	NTSC television 55.25 to 801.25 MHz, 62.5KHZ fine tune resolution +6dBmV max input, +4dBmV nominal, 125 channels in off-air, cable, HRC, or IRC modes
Antenna/Cable	'F', female, 75 ohm impedance
RS-232 Control	DB-9 male connector User selectable 300 to 19,200 (9600 default) baud, 8 data bits, no parity, 1 stop bit Employs standard ASCII strings from any terminal program, PC, or control system
Closure Control	2 momentary closure inputs - Channel Up (Pin 4), Down (Pin 9), GND (Pin 5) on DB9
IR Control	Front-panel IR sensor 3.5mm stereo jack on back for external sensor
Closed Caption	Modes CC1-CC4, TT1-TT4, On/On with Mute/Off modes, CG text times out for captions
CG	White text over video or white text with black background over video, up to 32 characters, 13 lines
Video Sensing	Displays blue video image on loss of video
Power	2.1mm coaxial jack (inside center conductor positive)
Includes	12 VDC 500 mA power supply RCA stereo audio adapter
Options	HD-RC Wireless IR Remote, IR-RXC External IR Receiver RK1 Single Rack Kit , RK2 Dual Rack Kit CC-COM RS-232 Cable

Warranty

All CR products feature a full
two-year warranty.



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