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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.

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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

ATSC-SDI HDTV Tuner + SDI
232-Amp+

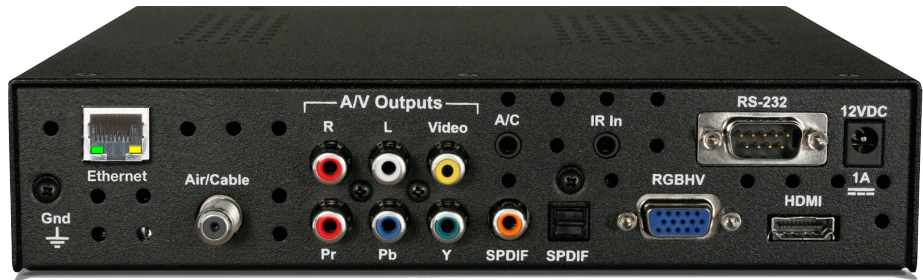
The **232-ATSC+1 HDTV Tuner** is an integrator-friendly HDTV tuner, controllable with 2-way RS-232, IP, and IR commands. An onboard Web page enables remote Web control. A new menu-driven display simplifies setup, and a front-panel USB port makes firmware updates a snap. The new compact enclosure allows mounting of two tuners in a single rack space.

A universal TV tuner, the 232-ATSC+1 can receive both analog and digital channels, in ATSC, NTSC, and clear QAM formats. Using an optional RF switcher, the tuner can switch between Antenna and Cable feeds.

The tuner displays broadcasts through simultaneous HDMI and NTSC composite video, and can switch between Component or RGBHV outputs. Full-time audio is available from Dolby® 5.1/PCM digital HDMI, optical, and coax ports, as well as variable-level analog stereo audio outputs.

Features

- Tunes analog and digital channels in ATSC, NTSC, and clear QAM formats
- Always-active HDMI and composite video, as well as stereo, and digital coax and Toslink optical audio ports
- VGA or Component outputs switchable from front-panel settings or RS-232 control
- Dolby® 5.1 or PCM/Variable PCM digital audio formats for digital audio ports and HDMI
- Front-panel text and onscreen menus for tuner setup
- Web page for remote setup and control
- Supports dual Air/Cable tuning with optional RF switch
- Analog and digital closed captioning
- Internal scaler displays all channels at selected resolution
- Rack-mountable two across in 1RU
- Full ASCII 2-way RS-232/USB commands, AMX, Crestron, and RTI modules available, discrete IR commands
- RS-232 can be daisy-chained to control up to 9 tuners from a single RS-232 port, or control any number of tuners via IP
- Field updatable for control and HD processing firmware via USB
- Meets RoHS and California energy-saving standards
- Includes HD2-RC IR remote and 12 VDC power supply
- Options for single and dual rack mounts, external RF-AB RF switch



Physical 8.5" [216mm] wide x 1.75" [44mm] height (1RU) x 8.0" [203mm] deep
2.25 lbs [1 kg]
1RU Rack mounting for one or two units side-by-side (RK1, RK2)
RoHS compliant and energy-efficiency meets new California standards

Tuning Cable/RF input, switchable with optional RF-AB RF A-B Switch
Type: ATSC, NTSC and Clear QAM
DTV Standards: (1080i/720p/480p/480i)
Aspect Ratio: Adjustable, variety of modes for widescreen 16:9 and normal 4:3 broadcasts
Captioning: Analog and Digital, set by program or customized for size, font, and attributes
Favorites: Favorite channel menu
Lock: Parental option for channels and/or rating

Front Panel Power, Menu, Setup and Select buttons
Up and Down (Channel Up and Down) buttons
Left and Right (Volume Up and Down) buttons
Text Display, white text on blue LCD, channel and setup information
IR Sensor
Mini USB Port for control and drag-and-drop firmware updates

Back Panel

RF Input Air/Cable, 'F', female, 75 ohm impedance, -10 to 25 dBmV typical
Supports dual Cable and Air tuning with optional RF-AB RF A-B Switch
New digital RF tuning for improved sensitivity

HD Outputs HDMI and switchable RGB/Component outputs operate simultaneously
Component: RCA Pr, Pb, Y outputs (1080i/720p/480p/480i)
RGB: RGBHV DB-15 female (1080i/720p/480p)
HDMI: HDMI receptacle (1080i/720p/480p), version 1.3, PCM digital audio, HDCP
Digital Audio S/PDIF: Coax and Toslink optical output, Dolby 5.1, PCM, or PCM variable

AV Outputs Simultaneous with HD output
Composite Video: RCA female jack
Audio L and R: 2 stereo RCA female jacks, variable level

Control Ethernet, Web page: RJ-45 10/100 Ethernet connector
RS-232: DB-9 male, RS-232 data link to control system
300 to 19,200 baud (9600 default), 8 data bits, no parity, 1 stop bit
IR: 3.5 mm stereo input for external IR sensor or wired IR, discrete codes available

Air/Cable 3.5 mm output to operate the RF-AB RF A-B Switch
Power 2.1mm coaxial jack (inside center conductor positive)
1 A maximum, 11 to 14 VDC, 12 VDC typical

Includes HD2-RC IR Remote
Switching power supply, 1.5 A 12 VDC, option for 4A supply for up to 3 tuners

Options RK1 Single Rack Kit, 1RU
RK2EZ Dual Rack Kit, 1RU
RF-AB RF A-B Switch, self-terminating, closure controlled
CC-COM RS-232 Null Modem Cable
IR-RXC External IR Receiver

Warranty

All CR products feature a full two-year warranty.



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