

Internet Radio Tuner Card

- > Provides a single Internet radio tuner with analog and digital outputs
- > Occupies a single tuner slot in a CEN-TRACK, AES, AMS, or AMS-AIP
- > Access virtually any streaming radio station in the world without a subscription
- > Enjoy Pandora® Internet Radio and SiriusXM® Internet Radio^[1,2]
- > Controllable via the host's front panel, touch screen, or Web interface
- > Browse by format, location, or language
- > Search alphanumerically or by keyword
- > Enjoy virtually any audio stream with a URL
- > Save and organize user favorites for fast access
- > Supports WAV, MP3, WMA, AAC, and RealAudio® formats
- > Supports the display of metadata and graphics for stations that support them
- > Provides transport controls for stations and podcasts that support them
- > Can also be used to play sound files, pre-recorded announcements, or background music stored on its internal memory card or an external Web server^[5]
- > Requires no antenna, just a broadband connection

Internet radio is fast becoming just as popular as terrestrial and satellite radio, providing an equally robust medium for listening to music, news, and talk with access to literally thousands of online stations and podcasts. The ATC-AUDIONET Internet Radio Tuner Card provides a powerful solution for integrating Internet radio as part of a complete Crestron® entertainment system.

The World of Internet Radio

Crestron Internet radio lets you easily browse and search through over 15,000 free online radio stations and podcasts and instantly play them throughout your home without requiring a separate computer. From a Crestron touch screen or Web browser, you can browse the station guide by format, location, or language. Or, search for a specific station or podcast by name, call letters, or any other keywords. Then save and organize your favorites for easy recall at any time.

The station guide is constantly being updated with diverse programming from around the world, so whether you're looking for news and entertainment from your local community radio station or from your homeland on another continent, you'll almost certainly find it.

Pandora®, SiriusXM®, and More

Just enter the name of any musical artist, song, or composer and Pandora instantly creates a "station" streaming related music for your listening pleasure. Save up to 99 stations and recall them on demand from a Crestron touch screen. Touch screen control lets you view the current playing song, artist, and album cover, and provides controls for creating or browsing stations and pausing, skipping, ranking, and bookmarking individual songs and artists.^[1]



With your paid SiriusXM subscription, you can enjoy over 130 channels of music, comedy, sports, news, and talk from this leading content provider.^[2]

You can even listen to free audiobooks courtesy of LibriVox.org. Additional services may be added in the future.

An Enhanced Touch Screen Experience

Enjoying your choice of music, talk, books, and other content is enhanced through support for metadata and transport controls. Many Internet radio stations let you view detailed information about what's currently playing, and some even let you pause, rewind, repeat, or skip tracks as they're playing. The ATC-AUDIONET enables access to these features for those stations that support them right through your Crestron touch screen.

Modular Tuner Card

Internet radio is available for the CEN-TRACK TunerRack Modular Multi-Tuner, as well as for Adagio® AES, AMS, and AMS-AIP systems. With any of these devices, the ATC-AUDIONET tuner card can be installed in any available tuner card slot, providing a single Internet radio tuner alongside other AM/FM, satellite, or additional CEN-AUDIONET tuner cards. The card provides both stereo analog and SPDIF digital output signals^[3], and when installed in an Adagio system its output feeds only the first input associated with the card slot in which it is installed^[4].

The beauty of Internet radio is there are no clumsy antennas needed to gain access to all the different content that's available. To enable Internet radio service using the ATC-AUDIONET, each card simply requires an Ethernet connection to the control system LAN with broadband access to the Internet.

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Web Browser Management

Finding and managing all your favorite Internet radio stations is a breeze using the Crestron Internet Radio Website. Simply register your tuner card at <http://radio.crestron.com> and begin exploring all the available stations through your computer's Web browser. Use live preview to listen to each station right on your computer, then save the ones you want to access from your control system touch screen or handheld remote, and filter out all the ones that don't interest you. Even add unlisted stations by simply entering the URL of any compatible stream.

Extra Features

The ATC-AUDIONET card provides additional capabilities for the playback of audio files loaded on its internal memory card. Use it to generate sounds or to play pre-canned music and announcements. Sound files and playlists can be loaded simply from any networked computer using a Samba™ compatible file manager like Windows® Explorer or Mac® Finder®. Playing a file or playlist is enabled through your control system program, allowing any sound to be scheduled or triggered manually via a button press or any other control event.^[5]

The ATC-AUDIONET can also stream any compatible audio file that has a URL address, providing a means for accessing Internet radio stations that aren't included in the station guide, or for streaming custom sound files loaded on a local Web server.

SPECIFICATIONS

Audio

Analog Output Level: 2 Vrms maximum

Digital Output: 44.1k 16-bit SPDIF

Streaming/File Formats: WAV, MP3, WMA, AAC, and RealAudio®

Communications

Ethernet: 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP

Memory

Internal Memory Card: supports SD and SDHC cards up to 8 GB (512 MB included)

Connectors

LAN: (1) 8-wire RJ45 female;
10Base-T/100Base-TX Ethernet port

Controls & Indicators

SETUP: (1) red LED and (1) miniature recessed pushbutton, for Ethernet setup

LAN: (2) LEDs, green indicates Ethernet link status, amber indicates Ethernet activity

Weight

5.0 oz (140 g)

MODELS & ACCESSORIES

Available Models

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Notes:

1. Pandora can only be used in the United States, New Zealand, Australia, and those countries' respective territories. Refer to Pandora.com or contact Pandora Media, Inc. for complete terms of use and subscription details.
2. SiriusXM Internet Radio requires a paid subscription and is available only in the United States and Puerto Rico. Refer to SiriusXM.com or contact Sirius XM Radio Inc. for complete terms of use and subscription details.
3. Output capabilities are dependent upon the connectivity provided by the host device. Digital output is only enabled using the CEN-TRACK.
4. The second input associated with the occupied card slot remains available to accept the output of an external source device.
5. Triggered sound files may take several seconds to play, and may not be appropriate for time-critical functions such as alarms, door chimes, or phone ringers.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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