

FM Radio Tuner **C2N-TFM**

The C2N-TFM is a professional FM radio tuner designed to deliver stereophile performance with unsurpassed flexibility when used with a 2-Series control system. From any Crestron touchpanel, keypad, or handheld remote the user is offered an array of ways to locate and select a favorite station or program. Full RDS/RBDS support expands those capabilities beyond anything else available.

RDS (Radio Data System) in Europe and RBDS (Radio Broadcast Data System) in the US transmit an inaudible data signal along with the FM signal to provide a host of useful information that can be displayed as dynamic text on any 2-way touchpanel or XPanel control screen. RDS/RBDS data includes radio station names and call letters, program types, phone numbers, and even song and artist details. Also, Universal Time Clock (UTC) data provides the accurate GMT time and date, which can be used to keep an entire Crestron control system in synch with the world.

The C2N-TFM supports complete scan and search capabilities including the ability to search by program type, or even search for available traffic reports. Manual channel selection is also possible through standard incremental tuning or direct numeric entry. Up to 20 favorite FM presets can be saved onboard the C2N-TFM for instant recall.

In addition to RDS/RBDS data, the C2N-TFM also enables display of channel frequency, signal strength, scanning status, and preset number. Automatic mute, mono, and local/distant modes can be activated to minimize audible static while tuning or listening to weak signals. A headphone output is provided



on the tuner's front panel along with user controls and LED display to facilitate local setup and control.

Adding the optional C2N-TAMWX AM/WX Tuner turns the C2N-TFM into a high-performance AM/FM and Weather radio tuner. Multiple C2N-TFM tuners may be rack-mounted along with Crestron's XM Satellite Radio and TV tuners to provide extensive listening options for multi-room systems of every size.

SPECIFICATIONS

Connectors

FM ANT: (1) F-type coaxial
Impedance: 75 ohms

AUDIO OUT L/R: (2) RCA female
Unbalanced stereo line-level audio output
Maximum output level: 1Vrms at 1kHz
Output impedance: 100 ohms
Minimum load: 1k ohms

AM RADIO: (1) 8-pin RJ45 female, shielded
Connects to C2N-TAMWX AM/Weather radio tuner

NET: (1) 4-pin 3.5mm detachable terminal block
Connects to Cresnet control network

Headphone (front): (1) 3.5mm mini TRS phone jack
Mono headphone audio

Display

(5) Green LED 7-segment digits

LED Indicators

PWR: (green) Indicates 24 Volts DC power supplied from Cresnet control network

NET: (yellow) Indicates communication with Cresnet system

AM, FM, WX: (red x3) Indicates the band selected

SIG, VOL, SCAN, TUNE, PRE: (red x5) Indicates the mode selected

SETUP: (red-rear) Used for touch-settable ID (TSID)

AVAILABLE ACCESSORIES

- ▶ **ST-RMK**
Rack Mount Kit
- ▶ **C2N-TAMWX**
AM/Weather Radio Tuner



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