



C 427 AM/FM Tuner



FM remains one of the most reliable and best sounding mediums for hassle-free music listening. NAD's C 427 builds on the strengths of previous NAD tuners by offering a quality of reception that is as good as, or better than, the quality of today's broadcasts. We have carried forward our highly sensitive RF Front End for cleaner reception in fringe areas, plus noise is extremely low across the audio spectrum. In line with NAD's environmental policy, we have completely redesigned the power supply for improved efficiency and ultra-low power consumption during standby while still allowing all remote activation and control interfaces. The C 427 can be easily integrated with sophisticated system controllers used in custom installation thanks to the rear panel IR Input, 12V trigger and RS-232 port. We also have one of the most intuitive user interfaces on the market, utilizing a 24-position rotary encoder knob to more quickly tune stations or select preset stations. All functions are available via the included IR remote control. Whether you are looking for excellent performance, ease-of-use, or the convenience of RDS, the C 427 offers all these with the value to high performance ratio for which NAD is so renowned.



> Loads of Presets

With 40 presets available you can store all your favourite radio stations. You can program your presets in any combination of AM and FM stations (for example, 30 presets for FM and 10 for AM, or 25 for FM and 15 for AM). To avoid having to scroll through 40 presets, the C 427 skips any that have not been programmed or left empty, so you can quickly access all your favourite stations.

> Great Reception

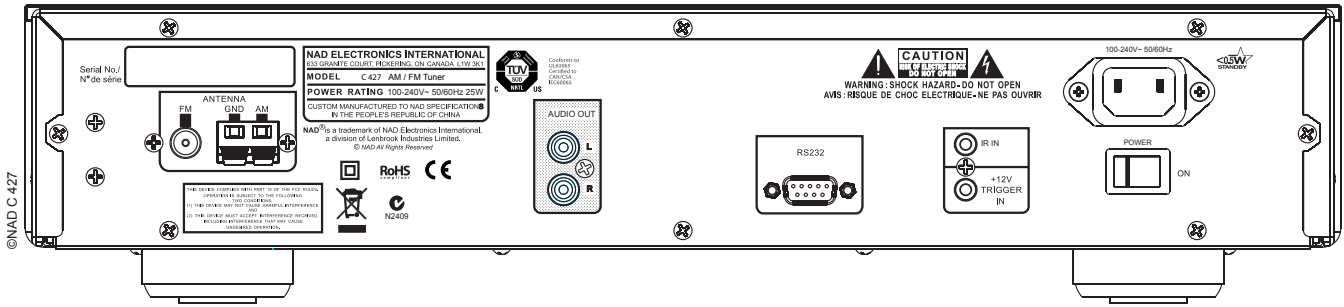
"Auto Search" automatically stops at the next strong radio signal it comes across and optimizes tuning, while weaker radio stations can be tuned into manually. Stations that are quiet in Mono but noisy in Stereo can benefit from the "Blend" feature that narrows stereo separation and improves sound. "FM Mute" eliminates inter-station tuning noise and only allows strong and clear stations to emerge from the silent background. Although AM can never reach the quality of any FM transmission, the C 427's AM section retains excellent clarity together with lowest possible background noise.

> Simply Convenient

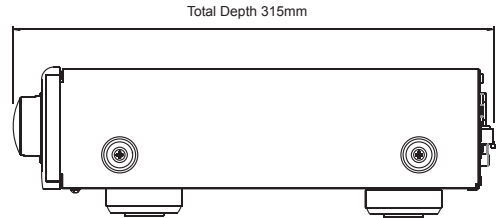
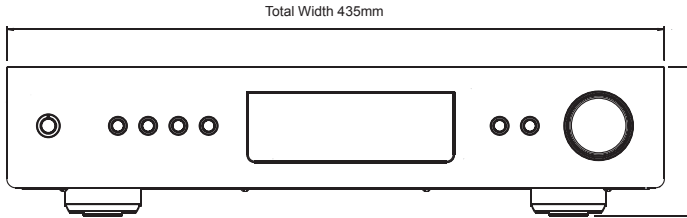
Instead of littering the front panel with buttons and features that are hardly ever used, the C 427 concentrates on convenience in daily operation. The RDS limits itself to the RDS PS and RT function, both of which enhance ease of operation. The RDS PS (Program Service) will automatically indicate the name of the radio station on the display, e.g., "BBC R1", so you will always know exactly what station you are listening to. With its four-line graphic display, you will see all the available information. Preset information is stored in the C 427's non-volatile memory, which means it will remember all of its preset information even if the unit has been unplugged for a prolonged amount of time.

> Performance Driven

Apart from its ease-of-use, the NAD C 427 also offers features to get the maximum out of the airwaves. The MOS-FET RF Front End design, together with high quality components and careful PCB layout, guarantees excellent sensitivity with low intermodulation distortion to provide quiet and musically satisfying performance.



©NAD C 427



Specifications

FM TUNER SECTION		C 427
Usable Sensitivity (98MHz)		10dB μ V
Signal/Noise Ratio		65dB (60dB μ V IHF-WTD Mono) 60dB (60dB μ V IHF-WTD Stereo)
Frequency Response		\pm 1.5dB (20Hz - 15kHz, 60dB μ V)
Channel Separation (60dB μ V)	30Hz 1kHz 10kHz	33dB 40dB 32dB
Capture Ratio (40dB μ V)		3dB
AM Suppression		50dB (60dB μ V, 100% Mod. FM, 30% Mod. AM)
Image Rejection (119.4MHz)		70dB
I.F. Rejection (10.7MHz)		70dB
Pilot Suppression (60dB μ V)		60dB
Total Harmonic Distortion*	Mono Stereo	0.4% 0.8%
Auto Search Sensitivity		24dB μ V
RDS Decode Sensitivity		26dB μ V
AM TUNER SECTION		
Usable Sensitivity (999/1000kHz)		55dB μ V
Signal/Noise Ratio (5mV in)		42dB
Total Harmonic Distortion (5mV in)		1.5%
IF Rejection (450kHz)		40dB
Image Rejection (F+2xIF)		28dB
Selectivity		20dB
Loop Sensitivity (20dB S/N)	999/1000Hz 603/300Hz 1404/1400Hz	66dB 66dB 66dB
Frequency Response (100 - 2.3kHz, 5mV)		\pm 6dB
GENERAL		
Standby power		<0.5W
Unit Dimension (WxHxD) - Gross		435 x 99 x 315mm 17 1/8 x 3 15/16 x 12 7/16"
Net weight		4.6kg (10.1lb)
Shipping weight		5.4kg (11.9lb)

* : 60dB μ V, L=R 75kHz for 120V version; 40kHz Dev for 230V version



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