



# T 187 Surround Sound Preamp Processor



Designed for those who prefer performance with flexibility, the T 187 is the perfect separate surround processor accompaniment to any high performance multi-channel power amplifier. You'll find support for all the latest video and surround sound formats, including full 3D video, along with all the control in this compact, streamlined chassis. Setting a new standard for quality and overall performance, the T 187 shows off NAD's expertise in digital decoding. The T 187 also includes our proprietary Modular Design Construction (MDC) for the added convenience and flexibility of future upgrades.



## > MDC—True Innovation

End the frustration of having to replace your entire AV preamp processor just to keep pace with the ever-changing world of AV. Our most important recent innovation, MDC battles technology obsolescence by allowing you to upgrade the T 187 with new connectivity and features as new technology becomes available. Winner of the prestigious reddot Design Award, MDC should be at the top of your checklist.

## > 'Music First' Audio

The T 187 offers decoding for all the latest surround formats including Dolby True HD, Dolby Digital Plus, and DTS-HD Master Audio, plus our very own critically acclaimed EARS (Enhanced Ambient Recovery System) digital surround mode. EARS produces impressively natural surround sound from two-channel recordings, without the artificial 'boing' that plagues other DSP modes. We've also included a top-level 24-bit/192kHz Burr Brown DAC carefully selected for ultimate audiophile performance.

## > Pure Video

With support for the latest digital video technology including full support for 3D video up to 1080p, the T 187 is equipped to bring you outstanding video performance. We have carefully kept the video processing where it belongs—in your display—so the most pure signal is delivered without any processing or degradation. Analogue sources are converted to digital for simple one 'one wire' connection to HDMI equipped TVs, as well as features such as Consumer Electronic Control (CEC) and Audio Return Channel (ARC).

## > More Music

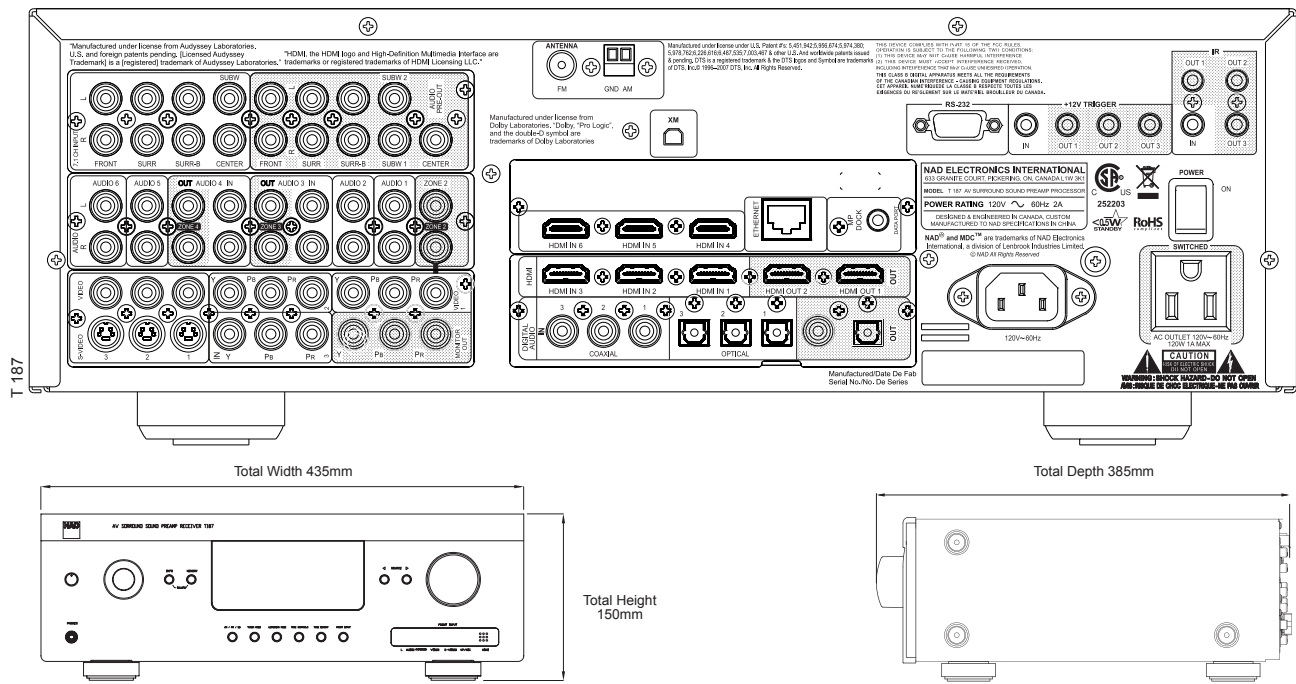
Radio gets a boost with the T 187's high-performance, 30 station preset RDS FM/AM tuner. A popular option is our IPD 2 Dock, which shows your iPod song information on the On Screen video display. Or for high quality digital radio, add our DB 2 digital DAB+ module (230V only). The T 187 is also XM ready (120V version).

## > Easy as 1, 2, 3, AV!

Our unique AV Presets allow custom setups for different types of sources and program material (drama, action, musical, etc.). For added convenience, you can rename inputs to match your particular components. Speaker set up is a snap using a supplied calibration microphone and Audyssey MultEQ XT room correction with custom NAD target response curves for the optimal level of performance.

## > Go Ahead and Connect It

A full suite of video switching, including seven HDMI inputs and two outputs, supports all the popular video formats. Integrating the T 187 into an advanced home automation system is made simple with IP Control, IR remote outputs, 12V triggers, and an RS-232 port. Other installer-friendly enhancements include three additional zones, all with independent source and volume and a simplified, second-zone remote. For NAD quality sound, don't be shy—spread it around.



## Specifications

| PREAMPLIFIER  | T 187   |
|---|---|
| Input sensitivity and impedance   | 350mV/50kΩ  |
| Frequency Response  | ±0.5dB (ref. 20Hz - 20kHz)  |
| Signal/Noise ratio, A-weighted  | >83dB (ref. 500mV A-weighted)<br>>93dB (ref. 2V, A-weighted)  |
| Total Harmonic Distortion   | <0.08%  |
| Channel Separation  | >70dB (ref. 1kHz/10kHz)   |
| Output Impedance  | <150 Ohms   |
| Maximum Output Level  | >3.5V   |
| TUNER   |   |
| AM Section  |   |
| Tuning Range  | 530kHz - 1710kHz (120V version only, 10kHz steps)<br>531kHz - 1602kHz (230V version only, 9kHz steps) |
| Usable Sensitivity  | 55dBu   |
| Signal to Noise Ratio   | 38dB  |
| Total Harmonic Distortion   | <3%   |
| Loop Sensitivity 20dB S/N   | 66dBu   |
| FM Section  |   |
| Tuning Range  | 87.50MHz - 108.50MHz  |
| Usable Sensitivity, MONO  | <9dBu   |
| Signal to Noise Ratio   | Mono - 60dB<br>Stereo - 55dB  |
| Total Harmonic Distortion   | Mono - 0.7%<br>Stereo - 1.0%  |
| Channel Separation  | 30dBu   |
| RDS Decode Sensitivity  | 33dBu   |
| DIMENSIONS AND WEIGHT   |   |
| Unit Dimension (WxHxD) - Gross **<br>(includes feet, knobs and terminals) | 435 x 150 x 385mm<br>17 1/8 x 5 15/16 x 15 3/16 inches  |
| Net weight  | 9.6kg (21.1lb)  |
| Shipping weight   | 13.5kg (29.7lb)   |

\*\* Non-metric measurements are approximate.

Note: Installers should allow a minimum clearance of 55mm for wire/cable management.

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