



T 787 AV Surround Sound Receiver



The NAD T 787 AV Surround Sound Receiver's remarkable performance brings movies and music to life. It's the ideal choice for the most advanced home theatre and multi-room systems. Our T 787 features high definition 3D video at resolutions up to 1080p, decoding of all the latest surround sound formats, and a whole lot of pure, clean power. Add our exclusive Modular Design Construction (MDC)—one of the decade's most important innovations—and the T 787 boasts enough performance and flexibility for many years of unbelievable home entertainment. Though it's packed with a full array of features, the T 787 emphasizes simplicity with a user-friendly interface allowing you to enjoy every feature without confusion.

FDP 7 x 120W

MDC Modular Design Construction

3D

RCDS HDMI

P

AUDYSSEY MULTEQ XT

DOLBY TRUEHD

DTS-HD Master Audio

<0.5W STANDBY

> MDC—Future Ready

The ever-changing world of AV technology poses a great problem if you want the latest technology. So we devised an uncommon answer to technology obsolescence to give you confidence in your AV investment—Modular Design Construction (MDC). With MDC, your T 787 can be easily upgraded to include future digital formats without replacing the entire AV receiver. It's totally unique and unprecedented. No wonder MDC won the prestigious reddit Design Award.

> Two Transformers are Better than One

Two Toroidal transformers supply power separately to your front (left and right) and surround channels for true seven-channel power with better balance and efficiency. Even the most explosive music and soundtracks are a breeze for the T 787 thanks to 120W of continuous power per channel and NAD's PowerDrive. With PowerDrive, extra power is delivered effortlessly for dynamic immersive sound for music or movies. We've even eked out more musical performance from the T 787 by making improvements to the power amplifier.

'Music First' Audio

The T 787 uses the latest high-speed Dual Core Floating Point DSP technology for popular surround formats including Dolby TrueHD and DTS-HD Master Audio. We have also included our own highly regarded EARS (Enhanced Ambient Recovery System) surround mode, which has been optimized to create warm natural surround sound from any two-channel source. EARS eliminates the artificial effects common in other DSP modes. For your music and movies, nothing can compare to the T 787's natural musicality, immense depth, and incredible detail.

> Pure Video

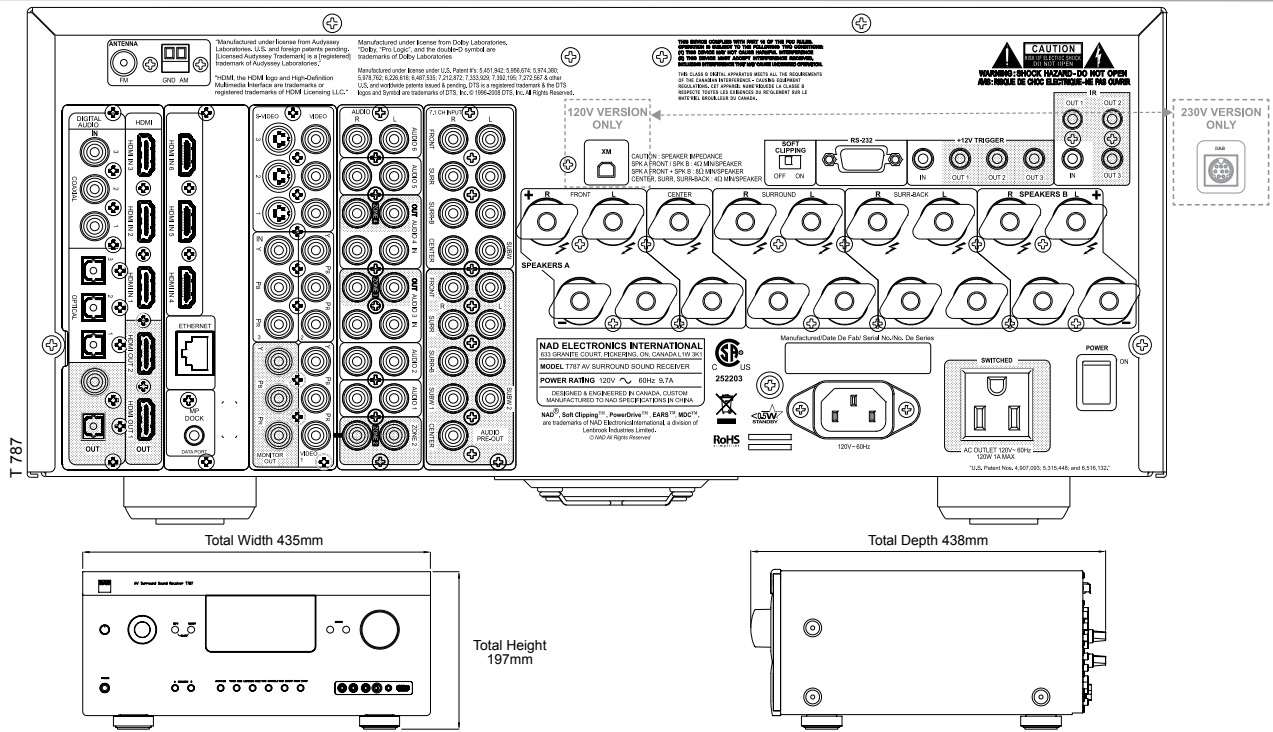
Video performance is as pure as our audio performance. Unlike other brands, NAD eschews multiple format conversions and video processing that degrades video quality in favour of sending a pure video signal to your display. The latest digital video technologies are supported, including 3D video in resolutions up to 1080p. The T 787 will also cross convert analogue video sources, plus it offers the latest HDMI technologies like Consumer Electronic Control (CEC) and Audio Return Channel (ARC).

> Set Up and Forget About It

NAD's unique AV Presets can be configured to maximize your use and enjoyment of the T 787. With AV Presets, you can customize different sources or program material and save your preferences into a memory bank of five user-friendly presets. Inputs can even be renamed to make it easy to select your components. Optimizing your T 787 home theatre system is effortless with the help of a supplied calibration microphone and Audyssey MultEQ XT. We've even by worked closely with Audyssey to develop custom target response curves.

> Get Connected

The connectivity gives you great flexibility and options. It's equipped with seven HDMI inputs and two outputs, as well as digital coaxial and optical inputs/outputs. In addition to IP control there are IR outputs, 12V triggers, and an RS-232 port for easy connection to home automation systems. You can add speakers in other rooms or 'Zones', and with a simple on-screen setup and the supplied second zone remote (Zone output can be redirected to Back Surround channels), you can fill your home with high quality NAD sound. You can even add our IPD 2 Dock for iPod or for digital radio, our DB 2 digital DAB+ module (230V only).



Specifications

AMPLIFIER SECTION		T 787
FTC		200W
Full Disclosure Power (all channels driven simultaneously)		7 x 120W (20.8dBW)
IHF Dynamic Power	8ohms	230W
	4 ohms	320W
Total Harmonic Distortion at rated power (THD + N)		<0.08%
IM distortion at rated power		<0.08%
Damping Factor, 8 ohms		>60
Input Sensitivity and Impedance		1.3V (ref. 8Ω, V _{OL} at 0dB)
Frequency Response		±0.8dB (ref. 1kHz, 20Hz-20kHz)
Signal/Noise Ratio		>93dB (ref. rated power at 8Ω, A-WTD)
		>83dB (ref. 1W/8Ω, A-WTD)
PREAMPLIFIER SECTION		
Frequency Response		±0.5dB (ref. 20Hz-20kHz)
Signal/Noise Ratio		>100dB (ref. 1W/8Ω, A-WTD)
Total Harmonic Distortion + Noise (THD + N)		<0.01%
Input Sensitivity		330mV (ref. 2V)
Maximum Output Level		>4V
TUNER SECTION		
AM SECTION		
Tuning Range		530kHz - 1710kHz (120V version, 10kHz steps) 531kHz - 1620kHz (230V version, 9kHz steps)
Usable Sensitivity		55dBμV
Signal/Noise Ratio		38dB
Total Harmonic Distortion		<3%
Loop Sensitivity 20dB S/N		66dBμV
FM SECTION		
Tuning range		87.50MHz - 108.50MHz
Usable Sensitivity	Mono	<9dBμV
Signal/Noise Ratio	Mono	60dB
	Stereo	55dB
Total Harmonic Distortion	Mono	0.7%
	Stereo	1.0%
Channel Separation		30dBμV
RDS Decode Sensitivity		28dBμV
GENERAL		
Standby power		<0.5W
Unit Dimension (WxHxD) - Gross **		435 x 197 x 438mm 17 1/8 x 7 13/16 x 17 1/4"
Net weight		25.2kg (55.6lb)
Shipping weight		29.2kg (64.4lb)

** Non-metric measurements are approximate.

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

NAD Electronics International reserves the right to change specifications or features without notice. NAD is a registered trademark of NAD Electronics International. All rights reserved. No part of this publication may be reproduced, stored, or transmitted in any form whatsoever without the written permission of NAD Electronics International. © 05/13 11-053 NAD Electronics International.

www.NADelectronics.com

