



# T 587 Blu-ray Disc Player



## > POSITIONING

The T 587 brings NAD's penchant for performance to the exciting new Blu-ray Disc format. NAD is one of a handful of brands to bring a Profile 2.0 Blu-ray Disc Player to market at this time. **Brimming with the latest features like BD Live Network connectivity, the T 587 offers, for the first time, a true High Definition source for digital Home Theatre systems.**

## > FEATURES



- Plays BD-ROM, BD-R, BD-RE
- Plays DVD, DVD+R/RW, DVD-R/RW
- Plays Audio CD, CD-R/RW
- Decodes MP3, WMA, DiVX, JPEG, PNG
- Network BD Live (Profile 2.0) via Ethernet
- BD Java (Profile 1.0)
- Picture-in-picture (Profile 1.1)
- Resolution up to 1080p 24/60 over HDMI
- Upscales DVD to 1080p over HDMI
- HDMI Output with support for Deep Colour and xvYCC Extended Colour Space
- Component Video Output up to 1080i
- Composite Video Output 480i/576i
- Linear PCM (uncompressed) via HDMI
- Dolby TrueHD (decoded to LPCM or encoded bitstream)
- DTS HD/MA (5.1 decoded to LPCM or encoded bitstream)
- Dolby Digital and Dolby Digital Plus via HDMI, Optical or Coax
- DTS via HDMI, Optical or Coax
- Analogue 2 channel downmix
- MHP support (Multi-media Home Platform) for interactive video
- Simultaneous playback of HD and SD video
- USB 2.0 supports memory stick playback of audio and pictures

## > DETAILS

### About Blu-ray

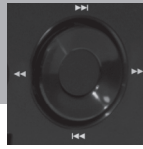
Blu-ray is the latest version of the popular 5" optical disc format that began with the CD. Blu-ray was made possible by the development of a practical violet laser whose light wavelength is shorter than the red lasers used by CD and DVD players. This allows for a more focused spot that can read smaller and more densely packed pits that generate the "digital 1s and 0s" that represent the picture and sound that is then decoded by the player for viewing.

Blu-ray Disc has over 5 times the data capacity of DVD. HD programs are protected by multiple layers of DRM (Digital Rights Management or 'Copy Protection') and can only be transmitted from Player to TV Display by the encrypted HDMI interface.

High Definition playback requires that the entire signal path be capable of digital bandwidth of 150 Megahertz. This means you'll need the very latest TV and AV Receiver as well as Category 2 HDMI cables. Be sure the entire system supports "1080p". Get it all right and the result is stunning... especially on screen sizes 50" and larger!

### Video Performance

With Blu-ray's native resolution of 1080p and pure digital transmission via HDMI the picture quality is

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nothing short of stunning. Even standard definition DVD's get a boost from NAD's upscaling engine with resolution to 1080p. The T 587 also supports 1080p at 24 frames per second for the most fluid motion from film based material (this must be supported by the TV display) avoiding the "3:2 Pull Down" motion artifacts common on DVD Players.

### Audio Performance

Most Blu-ray Discs offer a true high definition audio 7.1 Linear PCM soundtrack with 24 bit resolution, and the T 587 supports this format via HDMI. At last we have studio master quality in a home format! Also supported are the new HD formats from Dolby and DTS that offer 'lossless' compression. These can be decoded in the T 587 and sent as LPCM via HDMI, or can be forwarded in compressed form to another component that supports decoding. Of course the legacy formats of Dolby Digital and DTS are also supported and sent as bitstreams via HDMI, Coax or Optical connections. Dolby Digital Plus is a new and backwardly compatible Dolby format that increases the bit rate considerably for improved fidelity and also offers support for up to 10.2 channels.

There is also support for Audio CD's and CD-R's with MP3 or WMA decoding. There is even a front panel USB port to allow playback of music files stored on a memory stick or portable MP3 Player.

### Exciting new features

BD Java and BD Live, when supported by the source material, offer a new level of interactivity with your media. BD Live will connect over a broadband network to the studio that produced the movie you are watching and will offer additional material and alternate takes in real time to your Home Theatre.

### Details that matter

The T 587 has a very fast loading time for Blu-ray Discs, typically just a few seconds. Many BD players take over a minute before you can get picture, sound and navigation. This may not sound like much, but it seems an eternity if you are waiting to start watching your favorite movie. Other nice touches not commonly found include an external IR Input for integration with advanced control and automation systems. Specially developed silicon rubber feet isolate vibrations from the player and the environment for the best possible performance.

With onboard decoding for the newest lossless audio codecs from Dolby and DTS the T 587 will provide a complete HD audio and video solution to thousands of NAD T 175, T 785 and T 775 AV Receiver owners. This cost effective upgrade, when combined with the current generation of 1080p displays creates a state-of-the-art Home Theatre.

## > SPECIFICATIONS

### SYSTEM

Signal system	Auto/NTSC/PAL
Laser	Semiconductor laser
Frequency response	±2dB (ref. 0dB 20 Hz – 20 kHz)
Signal-to-noise ratio	>100dB (A-WTD, analogue OUT)
Dynamic range	>95 dB
Total Harmonic Distortion	<0.008 %
LAN port	Ethernet jack, 10 Base-T/100 Base-TX

### OUTPUT

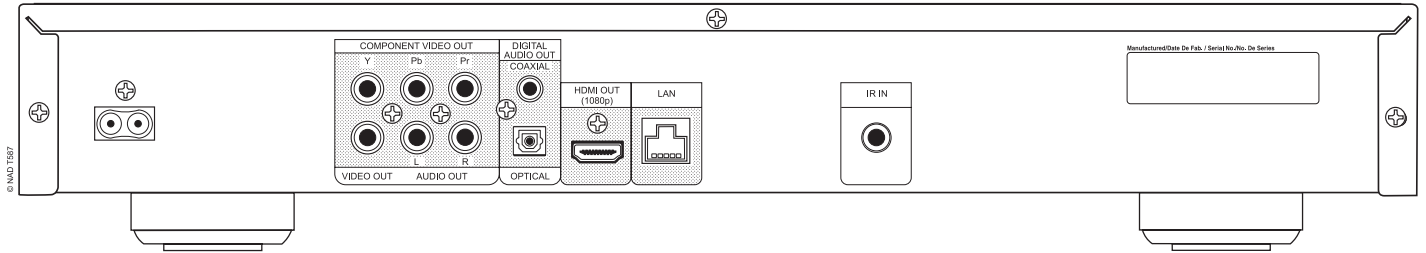
Output format	Video OUT: up to 480i/576i Component video OUT: up to 1080i HDMI OUT: up to 1080p
Video out	1Vp-p/75 Ω
S-Video (Y signal)	1Vp-p/75 Ω
S-Video (C signal)	0.3Vp-p/75 Ω
Component (Y signal)	1Vp-p/75 Ω
Component (Cb/Cr signal)	0.7Vp-p/75 Ω
Audio output level	2.0 Vrms (ref. 1 kHz, 0 dB)
HDMI version	1.3
Digital out (coaxial)	0.5Vp-p
Digital out (optical)	3Vp-p

### GENERAL

Power requirements	AC 120 V 60 Hz (120V version model) AC 120V - 230 V 50/60 Hz (230V version model)
Unit Dimension (W x H x D)	17 1/8" x 2 3/8" x 11" 435 x 60 x 280 mm (Gross)*
Net weight	7.71 lbs (3.5 kg)
Shipping weight	11.24 lbs (5.1 kg)

\* Gross dimensions include volume knob / speaker terminals / connectors / feet.  
Note: Installers should allow a minimum clearance of 2- 4 inches for wire management.

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