



Features

- Plays DVD-V, DVD-A, DVD+R, DVD-R, VCD, SVCD, SACD, CD, CD-R, CD-RW
- HDMI Output for HD video and audio
- DVD-A and SACD Playback
- Faroudja DCDi circuit for 480i/576i (DVD standard) video up-conversion to 420p/576p
- HDMI resolutions of 720p, 1080i, and 1080p
- Component Video Output with Progressive Scan option
- S-Video and Composite Video Output
- 12 bit 216MHz video DAC for analog video output
- Coax and TosLink optical digital audio outputs
- Bass Management for DVD-A and SACD
- Separate 2 channel and 5.1 channel analog outputs
- Dolby Digital and DTS decoding
- MP3, and WMA decoding
- 24 bit 192kHz DACs
- RS-232 port
- IR Input
- Detachable AC cord
- DVD 9 Remote Control

Details

UNIVERSAL PLAYBACK

With the proliferation of different optical disc formats, most people want just one player that will play them all. The T535 is capable of playing most all the popular entertainment oriented optical disc format, including the high resolution DVD-Audio and SACD music formats. MP3 and WMA compressed formats are also decoded, offering surprisingly good sound quality when recorded at higher available bit rates. Your existing CD collection is also in for a major sonic upgrade when played back through the advanced electronics of the T535.

DVD-Video can be watched in normal interlaced mode, or in progressive scan mode, providing your TV monitor supports this type of signal. If you have a high definition (HDTV) monitor equipped with HDMI inputs that support HDCP encryption, you can also take advantage of the Faroudja DCDi chip that will 'upconvert' standard DVD (480/576 lines) to the HD formats of 720p, 1080i or 1080p.

DVD-Audio and SACD decoding take place on board with comprehensive bass management available for decoded signals. DVD-Audio uses high resolution 24 bit PCM signals and MLP 'lossless' compression to advance audio performance to unprecedented levels. SACD (super audio compact disc) is a different approach to high definition audio using the DSD (direct stream digital) technique to obtain a very realistic sonic presentation. Both techniques have their adherents, but thankfully, with the T535, you don't have to take sides in the discussion about which format is better – you have both formats covered!

ADVANCED FEATURES

The T535 includes the High Definition Digital Interface (HDMI) with HDCP encryption, allowing high definition audio and video signals to be transferred between source components, processors, and TV Displays in a pure digital format. This eliminates the distortion producing conversions between digital and analog by keeping the signal in the digital domain.

Naturally, the T535 supports all the popular DVD-Video features, such as fast and slow scan, multi-language, multi-angle, A-B repeat, and last scene bookmarking. The ergonomically designed remote handset puts all these features right under your thumb for easy and convenient operation. Easy integration with advanced control systems, such as AMX and Crestron, is made possible using the rear panel IR input and RS-232 port.

AUDIO PERFORMANCE

Digital audio outputs are available in both coaxial, and optical (TosLink) SPDIF formats, as well as 1/2 S digital format via the HDMI output. DVD-Audio uses the Dolby licensed MLP lossless compression to produce PCM formatted high resolution signals with 24 bits and up to 192kHz sample rates. MLP perfectly shrinks the very high data rates of DVD-Audio – up to 13.8 Mbps – to the DVD limit of 9.6 Mbps without losing any data. This compares with data rates of approximately 1.5 Mbps for CD, and as little as 0.03 Mbps for MP3 encoded audio.

Dolby Digital and Dolby ProLogic decoding is also included, as is support for MP3 and Windows Media Audio.

The NAD T535 uses audiophile quality 24-bit, 192-kHz audio D/A converters. These devices are well protected from noise caused by even minute fluctuations in current from the power supply. The level of quantization noise within the frequency range is uniform for all frequencies and very well suppressed. This D/A converter ensures that all the sound you hear is as clear and noise-free as possible. High speed FET output devices keep all the detail present in high resolution SACD and DVD-Audio formats, perfectly intact.

VIDEO PERFORMANCE

The T535 features a Dual Discrete Video Circuit (D.D.V.C.) for the highest possible picture quality via the Component Video output. An extremely high-speed video D/A converter is a very critical component in generating superior quality video playback from DVD. The NAD T535, therefore, uses the highest quality 12-bit, 216-MHz video D/A converters to ensure highly accurate playback of delicate, low-level video signals. This produces a vivid picture that is faithful in every detail. Over sampling of 4x is achieved for Progressive and 8x for interlaced video signals, allowing more detailed D/A conversion. Higher quality picture reproduction is also possible thanks to a filter with flexible 'shutout characteristics' that is used for the analog filter in the latter stage.

Progressive Scan features the DCDi processor by Faroudja. Progressive Scan technology represents a vast improvement over the interlaced scanning method used in normal TV broadcasts and other conventional applications, as it can process around twice as much video data to produce a sharper, noise-free picture with finer details. Video images are faithfully displayed with optimum naturalness and beauty.

SPECIFICATIONS

Video Section

Signal system	NTSC/PAL selectable
Disc played	DVD-A, DVD-V, DVD-R/RW, SACD, VCD, CD, CD-R/RW, Picture CD
Composite video output	1 Vp-p (75 ohms load)
S-Video output	Y; 1 Vp-p (75 ohms load), C; 0.286 Vp-p (NTSC)
Component Video Output	Y, Cb/Pb, Cr/Pr: Y; 1.0 Vp-p (75 ohms load), Cb/Pb; 0.648 Vp-p (75 ohms load), Cr/Pr; 0.648 Vp-p (75 ohms load)
HDMI output	Yes / 1
SCART output	Yes / 1 (240V only)

Audio Section

Analog stereo outputs	Yes / 1
Analog multi channel outputs	Yes / 1
Digital Optical output	Yes / 1
Digital Coaxial output	Yes / 1
Signal-to-noise-ratio	90dB
Dynamic range	110dB

General

Power supply	AC 120V, 60Hz / AC 230V, 50Hz
Power consumption	25W
Dimensions (W x H x D)	428.5 x 73 x 300mm (16.9 x 2.9 x 11.8")
Net Weight	8.6 lbs (3.9kg)
Shipping Weight	12.8 lbs (5.8kg)

