



## NAD UNDERGOES MAJOR DESIGN AND MANUFACTURING MEASURES WITH LATEST T775 A/V RECEIVER

10 September 2007

From **NAD**, the multi-award winning world leader in home entertainment systems comes the latest in 7.1 surround sound receiver technology, the **T775**. Every facet in its development represents the very latest in achieving benchmark NAD 'quality sound', including advanced circuit designs, new product technologies, exciting graphite or traditional titanium colour finishes and all from a newly established high-tech manufacturing plant.



A newly designed and conceived receiver, the T775 also contains many of the advanced features of the award winning flagship M Series. The release of the **NAD T775** now sets a new benchmark for a quality sounding A/V receiver at an affordable price.

To implement the new technology faster, all input circuitry is contained on five easily removable plug-in cards. This also makes for easy upgrades of older models and simple field service.



Unlike many manufacturers who quote inflated performance specifications, the **T775** is rated at a minimum 7 x 100W per channel at all frequencies, with all channels at almost immeasurable distortion. It also meets the widely recognised FTC standards delivering 7 x 165W minimum continuous power.

Central to NAD's 'quality sound' is their proprietary PowerDrive technology that adjusts the power output to the unique needs of the loudspeaker, ensuring the best possible dynamic and distortion-free, realistic sound in any configuration. Providing the user with ample power to run the most demanding 4 ohm speakers, while filling the largest of rooms with crisp, lifelike sound. This means music from DVD concert recordings to CD audio, films and radio broadcasts has dynamic delivery and superb extended bass.

As the ideal home theatre receiver its supports; Dolby Digital, Dolby Digital EX, Pro-Logic IIx, DTS, DTS-ES, DTS24/96, DTS NEO:6, together with NAD's proprietary EARS and Stereo Enhanced Surround modes.

The latest Texas Instruments Aureus™ 7.1 32-bit dual floating point DSP technology, addresses most surround sound formats including Dolby and DTS variants. The convenience of the encoding digital bitstream is performed with high resolution, extended linear Burr Brown 24-bit/192kHz D to A converters. And unlike many competitive designs that use single 8 channel DACs, the **T775** uses five 2 channel DACs in dual differential mode for the ultimate in sound realisation.

The **T775** boasts the latest version High Definition Multimedia Interface 1.3 1080p A/V inputs, allowing direct transmission of uncompressed HD video and audio in pure digital format. It also boasts advanced cross convert technology of all analogue video formats including; Component Video, S-Video and Composite Video including Analogue Video up converted to HDMI output. All input resolutions (576, 720 and 1080) are supported at the output.



A long lineage of engineering feats has produced an affordable amplifier with an intelligence unique to NAD – while the on-screen display provides the user with status updates as settings are changed. The Automatic Audio Setup with its calibration microphone will 'listen' to each speaker and expertly adjust its cross-over point with the subwoofer, speaker phasing, levels and delays, making fiddly speaker positioning and by-ear testing a thing of the past.

The **NAD T775** also features the most advanced Audyssey MultEQ equalisation technology that with the calibrated microphone allows you to 'hear' your room via a series of test zones, measure the speaker's response, room's distorting echoes and calculates the ideal response that minimises the effect of the room's echoes. In addition, NAD's engineers have developed final response curves that reflect their own quality sound performance values. It's important to remember while this may sound 'simple' the technology required to achieve this level of accuracy would up until a few years ago cost thousands of dollars.

The **T775** also features NAD's own EARS DSP technology and unlike typical DSP sound modes, EARS extracts the recording's natural ambience to produce a reverberant affect, less the artificial twang of other systems – a technology exclusive to NAD whose engineers have honed and refined circuit design to produce the truest of sounds. It also features NAD's revolutionary 'soft clipping' technology for the ultimate in distortion free audio output across the entire sound range.



The **T775** is unprecedented in multi-zone configured capability, it offers 4 zone, 4 source with independent volume control and assignable output together with 4 video monitor outputs. This degree of flexibility allows for one 5.1 home theatre setup (main zone) and up to three stereo setups in zones two, three and four. A separate second zone remote controller with discrete codes for the independent zone, allows you to address the

receiver from the second zone. In addition, 12 volt triggers can be used to switch remote zone amplifiers On or Off while an RS232 port allows connection to a highly advanced automated control system. The back surround amplifiers can also be reassigned to zone two, three or four or used for front channel bi-amp applications for even better quality sound from your front speakers.

As well as a personal media player input to enable direct play from devices such as iPod™, the **T775** offers inputs for all popular video formats including HDMI, Component video, S-Video and Composite video as well as both coaxial and optical digital inputs for easy connections of all sources including DVD players, CD and video cameras for easy playback and recording. In addition 7.1 analogue inputs are provided for attaching to DVD-Audio and SACD players or yet to be developed surround sound decoders.

With in-built tuner the **T775** enables 30 stations to be preset in the memory, each able to be custom named. The gateway to all of this innovation is a simple-to-use state-of-the-art HTR3 remote control which as well as illuminating to show which device is being operated, learns the remote codes for up to eight different devices, providing an all-in-one control hub for even the most complex of home entertainment setups. The device key illuminates showing which component you are addressing and the illuminated buttons make for easy operation in low light environments. Even the time of illumination can easily be adjusted. A Macro function also allows up to 64 individual commands to be triggered by just pressing two keys.

Five independent audio video custom presets allow every member of the family to set their preferred listening modes, DSP options, tone and speaker and display settings at the touch of a button, doing away the need for protracted dial and switch adjustments.

The **NAD T775** A/V receiver is covered by a nationwide two-year parts and labour warranty and available at selected NAD dealers. For further information on this and other NAD products call 1300 134 400 or visit [www.nad.com.au](http://www.nad.com.au)