



MEDIA RELEASE

DENON'S AVC-A1XV – THE 'BEHEMOTH' HOME THEATRE AMPLIFIER

**The ultimate 10-channel amplifier supporting every currently
available surround sound format**

3 February 2005

The term 'Behemoth' aptly describes Denon's most technologically advanced surround sound Home Theatre amplifier to-date, the **AVC-A1XV**. Boasting no less than 16-channels of output capability, with 10 x 170watts fully assignable channels, the **AVC-A1XV** can accommodate both audio and video from up to four independent sources and distribute them to four separate zones, with independent volume control to each.

It is able to facilitate a full 9:1 channel surround sound system or two discrete 5.1 channel systems in different rooms, or a 7.1 channel system in the main room, 2.1 channel system in a second room and a mono system in a third. In addition, power to any or all of the zones can be turned on or off independently in order to conserve power consumption.

The new Denon amplifier is compatible with every 6.1 and 5.1 channel surround sound format currently available, including Dolby, DTS and Dolby Pro-Logic II to THX Ultra2 Cinema and Music, as well as THX surround EX decoding. It also features THX 4.0/5.1/6.1 post processing and offers additional and useful DSP modes, making it the most technologically featured Home Theatre A/V amplifier on the market.

The **AVC-A1XV** also boasts the widest range of video connections, including three HDMI, one DVI-D digital video port and no less than six high-bandwidth HDTV compatible component video inputs, plus IEEE – 1394 (Firewire) and RS232. For the best in audio, the **AVC-A1XV** also boasts a total of 14 audio/video inputs and connections for up to two high-resolution sources such as DVD-A or SACD. The **AVC-A1XV** also debuts Denon's latest LINK III technology that allows a direct 'link' to accept digital SACD data from future Denon source units. A built-in Ethernet facilitates TCP/IP control capability and can accommodate any future software/firmware upgrades.

The **AVC-A1XV** is the world's first receiver to include two-zone video conversion capability and HDTV switching with on-board video up-conversion that automatically converts S-Video or composite video input signals from DVD players, VCRs or camcorders to a high quality component video signal. This is an invaluable feature when using high-resolution plasmas, LCD TV monitors and projection systems.

The surround sound amplifier also features built-in video up-scaling using Faroudja's most advanced integrated processor with DCDi (Directional Correctional Deinterlacing) technology and 12-bit/216MHz video DACs to up convert interlaced 480i sources to high resolution 720p and 1080i.

Outstanding surround sound audio quality is also attributed to the inclusion of several new and/or improved Denon technologies, including the newest version of Denon's Dynamic Discrete Surround Circuit (DDSC) which features 192kHz processing

together with the latest 32bit floating point DSPs for both the main and second zones. The A/V amplifier's surround sound capabilities are further enhanced by the use of Burr Brown 192kHz audio DACs for all 16 channels. Add to that Denon's exclusive Advanced AL24 Processing on all channels and you have the best in both multi-channel and two-channel stereo audio.

The **AVC-A1XV** also boasts state-of-the-art Auto Set-up and Room Correction technology that goes far beyond any previous calibration systems. It also features a new room connection and calibration technology called *Audyssey MultEQ XT*, the first technology capable of minimising the effects of room acoustics for multiple listeners - meaning its now possible to completely customise the listening experience for any room.

During Auto Set-up MultEQ XT can automatically determine how many loudspeakers are connected, whether or not they are connected in phase and whether they are satellites or subwoofers. The calibration procedure then analyses and calibrates speaker level, size and distance. In addition, MultEQ XT detects the proper crossover point and determines correct frequency response for up to eight listening positions simultaneously. This enables a 'sweet spot' for every listener or viewer, no matter where in the room they are sitting.

Central to Denon's MultEQ XT are multiple 'Aureus', high performance advanced DSP processors from Texas Instruments together with the finest digital to analogue converters. Both the Room EQ and Auto Set-up features can be disabled for installers and consumers who prefer to calibrate their receivers in the traditional manner.

The **AVC-A1XV** has an RRP of \$12,999 and is covered by a two-year nationwide parts and labour warranty. Offered in a silver finish, the **AVC-A1XV** is available at authorised Denon retailers nationwide. For further information on this and other Denon products call 1300 134 400 or visit www.audioproducts.com.au.