

# SONY

## Sony 2.1 Channel SA-CD/DVD Home Theatre System DAV-X1



DAV-X1

**Hong Kong, November 4, 2005** – Designed for home theater enthusiasts, Sony 2.1 Channel All-in-one SACD/DVD Home Theatre System, the DAV-X1, delivers surround sound with the use of only two front speakers and a powered subwoofer, not the 5.1 channel configuration.

The DAV-X1 combines Sony's newly developed proprietary S-Force PRO Front Surround technology and S-Master digital amplifier. The marriage of these technologies ensures the sound processing and amplification occurs in the digital domain for the perfect sound reproduction. By this process, the S-Force PRO creates virtual 5.1 channel surround sound effect by using precise DSP calculation thus creating the best possible sound field without the use of room reflections.

The S-Force PRO Front Surround technology utilizes an all-digital process with no analogue conversion, keeping the signal purely digital from start to finish. Each of the system's speakers is specially designed with two unique drivers inside and these drivers are powered by their own S-Master digital amplifiers to minimize interference and distortion. In addition, each speaker contains a nano-fine hybrid diaphragm for high sound fidelity and improved frequency response. Combined with Sony's Digital Direct Twin Drive (DDTD) subwoofer with S-master amplifier inside, the DAV-X1 delivers up to 300 watts of total system power with crisp, well-defined surround sound and great sense of depth.

Sony has analyzed a large volume of data and succeeded in creating a new front virtual surround system, which has larger sound perspectives than ever. By calculating the characteristics of rear sound and incorporating the Head-Related Transfer Function (HRTF), a function that shows the characteristics of the transition of sound from the sound source to the listener in the space without any reflected waves, virtual rear sound can be produced from the 2 channel speakers with the outer driver inside to produce the rear signal. In addition to creating the virtual rear speaker sound based on the HRTF, the S-Force PRO Front Surround also adds indirect sound, based on psychoacoustics, which leads to the creation of a virtually larger room, and the improvement in the perspective from rear.

Offering a 2.1 surround sound capability, the DAV-X1 is an easy to install home entertainment center that offers an innovative solution with the Super Audio CD/CD/DVD player and surround sound speakers in one discrete and stylish system. It is compatible with the DivX (CD-R/RW, DVD-R/RW, DVD+R/RW) video compression format and Precision Cinema Progressive to ensure high picture quality.

The system is built for easy set up, users only need to hook up the single-wire speaker connection and the power cord. Other optional inputs and outputs include the system features coaxial and optical digital input and component output, two composite A/V inputs and single composite and S-Video outputs.

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Specifications of the DAV-X1 are as follows:

<b>Power Output</b>	Total: 300W [ (50W x 2) x 2 + 50W x2 ]
<b>Digital Amplifier</b>	S-Master
<b>Surround</b>	Virtual Surround (HRTF technology) - Focus Surround - Wide Surround
<b>Progressive Scan</b>	PAL/ NTSC Progressive, Precision Cinema Progressive
<b>Digital Direct Twin Drive</b>	Yes
<b>Tuner</b>	FM 20 / AM 10 Preset
<b>Amplifier</b>	
Sound Effect	Dolby Digital / Dolby Pro Logic II/ DTS/ AV SYNC
Functions	DVD (CD / VCD), Tuner, Video 1, Video 2, TV
Audio Input	Composite x 3, Optical x 1, Coaxial x 3
Video Input	Composite x 2, S-Video x 2
Video Output	Composite x 1, Component x 1, S-Video x 1
D/A Converter	12bit/108MHz
<b>Playback Format</b>	- Super Audio CD (excluding SA-CD Multi) - DVD- R/RW (VR mode) - DVD+R/RW - VCD - CD-R/RW - MP3 / JPEG - DivX (CD-R/RW, DVD-R/RW, DVD+R/RW)
<b>Speakers</b>	
Speakers	2 Micro Speakers (5cm unit x 2) + DDTD Subwoofer
Speaker terminal	One-touch type
<b>Supplied accessory</b>	Pre-programmed remote commander with THEATRE SYNC (Sony TV Direct)