

SURROUND PROCESSOR/PREAMP:



[THE INNOVATION OF THULE AUDIO]

In late 1998, Thule Audio introduced the IA250B. It revolutionized the way we think about combined stereo and surround power amplifiers. In several countries the IA250B, and after the fall of 1999 also the power version, called PA250B, received rave reviews and Product of the Year rewards.

In the spring of 1999, we introduced the first generation combined stereo and surround pre amplifier. Incorporated into the Space PR250B were all the surround formats available at that time, and such useful features as composite and S-VHS video switching using a very high bandwidth signal path, a fully balanced audio configuration with both balanced and unbalanced Pure Audio inputs, for complete bypass of the sophisticated DSP from Motorola.

In the early fall of 2001, Thule introduced the second generation of power amplifiers, in three different versions. PA250B MKII, PA350B and IA350B. Both the PA versions are now fully upgradeable to either 6 or 7 channels, among other cool features. The electronics incorporated in these new products are of the latest technology, and include our own High Efficiency Virtual Class A design principles. These new models also received rave reviews.

[THULE AUDIO SURROUND TECHNOLOGY]

Thule Audio is now very proud of introducing the new, second generation, surround processor / preamplifier: Space PR350B. While similar looking, on the face, one glance at the rear and you will notice significant changes.

We have incorporated the newest technology in the form of a new DSP (56367) from Motorola, together with all the experience and know-how obtained from manufacturing sophisticated surround equipment for more than three years. In our new surround processor, you will find that all of today's relevant surround formats can be decoded, such as DTS ES, Dolby EX compatible, DTS 6.1 discrete, DTS 5.1 24bit/96KHz, Dolby Pro Logic II. This advanced decoding can create a matrix of both the front and back surround speakers giving you the option for two center side speakers as well as a matrix of the rear surround speakers for a center rear speaker. In addition, all the original formats remain to provide you with a simple, yet versatile playback system.

The latest designed PCM1738 high-end Burr-Brown hybrid D/A converters have been implemented on all 10 output channels, featuring 24 bit processing, improving even old-fashioned 16 bit CD's considerably. These wonderful new converters provide as much as 117db dynamic range!

A trademark of Thule Audio's surround products has always been the communication available between pre and power amplifiers. We have also looked at the demands in the market, and have developed new possibilities for the user. We have developed a complete second zone management center, and the PR350B can operate through an RS 232 compatible home automation system.

On the input side, we have listened to the market and taken the Pure Audio input a step further. Now you can choose from either 6 analogue unbalanced inputs or two balanced inputs, all bypassing the DSP and providing true audiophile grade signal path. This provides a perfect source for SACD or DVD audio players.

When fitted with the optional component video board, the PR350B includes 2 discrete component video inputs and a component video output. The scalar circuitry allows mixing the S-video or composite video at a significant improvement of picture quality, eliminating the need for external video processing devices.



[TECHNICAL SPECIFICATIONS]

Max. analog output voltage:	8 V phono / 16 V XLR
THD, pure audio input, 2v out:	.002%
THD, A/D inputs, OdB:	.004%
THD, digital inputs, OdB, 44khz PCM:	.003%
Dynamic range, L/R, XLR out, 24 bit:	117dBA
Dynamic range SL/SR/C/SUB out:	115dBA
Frequency response, 20 - 20k Hz:	+/- 0.3dB
Analog inputs to DSP:	4 pair Phono
Digital inputs to DSP:	4 Electrical, 2 Opto
Pure Audio Inputs:	3 pair Phono, 1 pr. XLR
S-Video inputs:	5 S-VHS
Video composite inputs:	5 Phono
S-Video outputs:	2 S-VHS
Video composite outputs:	2 Phono
Data port - data I/O + STBY, pin:	<ol style="list-style-type: none"> 1) Data (for communication with other Thule equipment) 2) Clock (for communication with other Thule equipment) 3) No connection 4) Analog ground 5) +12V Operate output (e.g. to turn on projector) 6) +5V standby output 7) No connection 8) Analog ground
Data I/O + RS232, pin:	<ol style="list-style-type: none"> 1) Data (for communication with other Thule equipment) 2) Clock (for communication with other Thule equipment) 3) No connection 4) No connection 5) RX-RS232 6) No connection 7) TX-RS232 8) Analog ground
Size (W x H x D), weight:	420 x 90 x 300 mm, 6,5 kg

THULE AUDIO reserve the right to alter design and specifications without notice.