



DATA SHEET

ORION 1010HD Audio DSP



ORION 1010HD

10 x Input & 10x Output
2 x Digital I/O
8x Analogue I/O

APPLICATIONS

- Conference Rooms / Meeting Room / Class rooms
- Exhibition Canters
- Houses of Worship
- Entertain Venues
- Auditorium
- Hotel Ballroom
- High End home AV

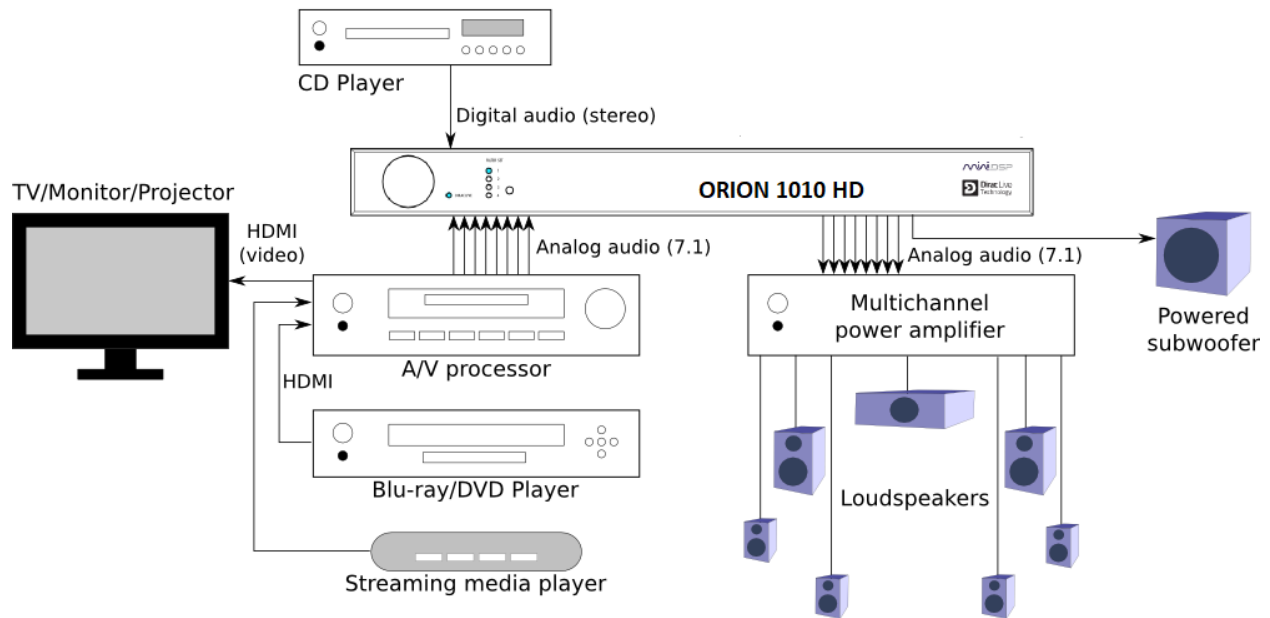
SYSTEM DESCRIPTION

The ORION1010 HD is a versatile multi-channel Digital Signal Processor (DSP) for analog and digital audio sources. Combining high quality audio algorithms along with a flexible software configuration, this platform follows the footsteps of our successful line of processors. With its balanced & un-balanced analog & digital audio I/O, the platform easily fits in the audio chain of most systems. Engineered for durability, the platform is packaged in a sturdy powder coated steel enclosure. The removable rack ears and thick brushed aluminum front panel match the needs of consumer (Home AV) or commercial (Pro AV) installs.

From a multi-way speaker crossover unit to multi-channel 7.1 system equalizer, the unit is easily configured real time from the Mac/Windows control interface. Once the unit configured, no computer is required anymore and the control of presets, master volume and digital source selection is available from the front panel encoder or Infrared (I.R) receiver.

Features

- 28/56bit DSP Engine
- 24 bit ADC/DAC IC with 114dB SNR
- 48/96kHz sampling rate depending on plug-in
- Digital (2 x IN, 2 x OUT over SPDIF/Toslink/AES-EBU) and Analog (8 x IN, 8xOUT balanced and unbalanced) connectivity
- Front panel rotary encoder and learning IR control
- Plug&Play USB driver and Software configurable for real time configuration by plug-ins from Mac/Windows
- No PC/Mac required once the unit configured
- CE/FCC certified - ROHS compliant



What's in the box?

- 1 x MiniDSP 10x10 HD processor with removable rackmount ears
- 1 x 12VDC universal power supply (90~240VAC)
- 1 x Shielded USB cable (1.5m)
- 1 x Toslink optical cable