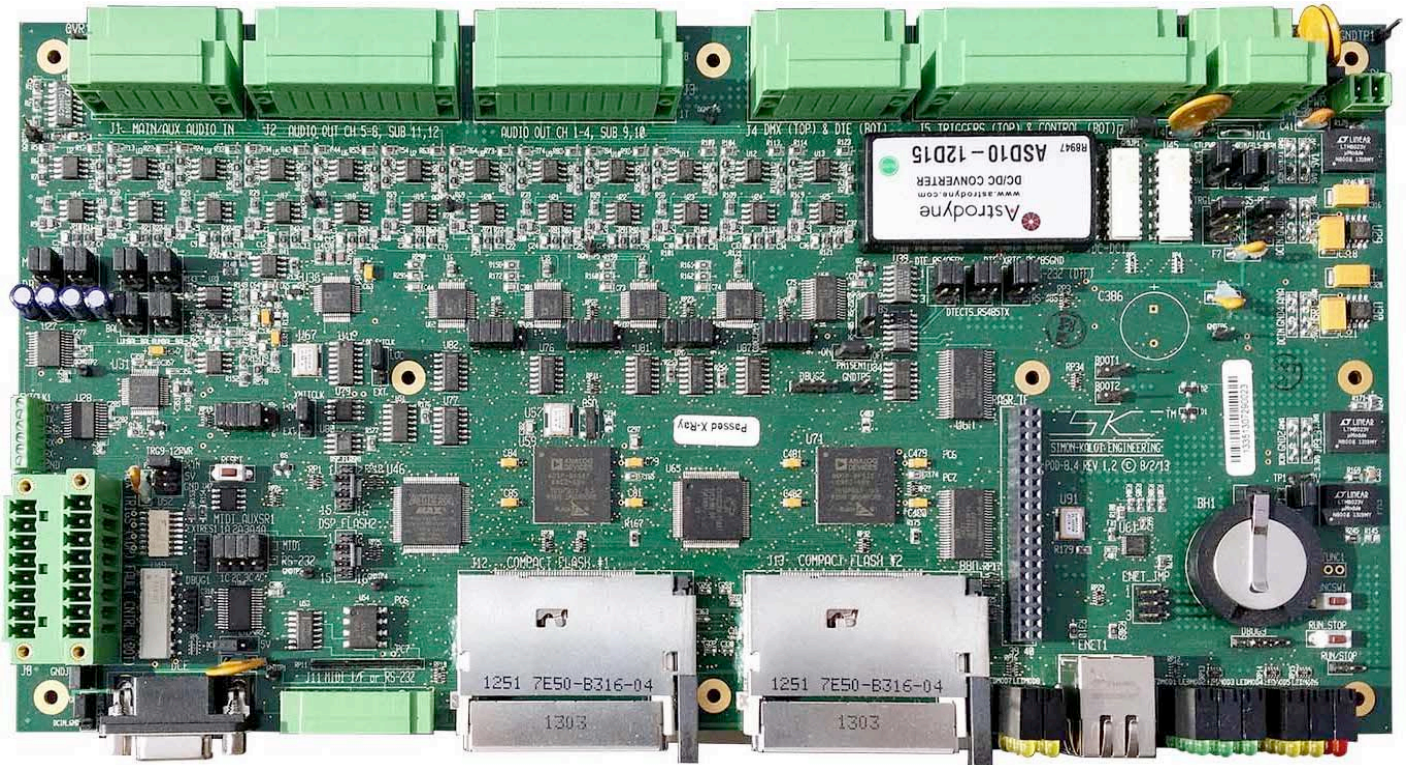


rPOD-8.4 Sound Lighting and Motion Controller Datasheet



The rPod 8.4 provides combines 8.4 channels of 16 bit audio playback with synchronous digital input and output controls, DMX512 lighting control, serial interfaces, and Ethernet. The totally solid-state design has no tape drives, hard disks, CDs or other moving parts thus providing extreme reliability and instant access to every message and control program for the most demanding messaging and show control applications.

Features and Specifications (Subject to change without notice)

- Eight independent balanced and unbalanced audio outputs and four subwoofer outputs for a total of 8.4 audio outputs.
- Hi-Resolution 16-bit audio 44.1 or 48.0 kHz sampling. On-board DSP, seven-band equalization on all audio channels.
- Four audio inputs grouped into two stereo pairs. Main input is balanced line-level. Auxiliary Input is balanced selectable line or microphone level input. Both inputs have output mixing capability.
- 12 Optically isolated input triggers, high or low side triggering. 12 Optically isolated output controls with up to 50mA sink capability.
- DMX512 (RS-485) interface for lighting and expandable external control e.g., character animation, RS-232 Console and DTE (DTE configurable for alternate RS-485). Ethernet port for 10/100 Base T networking and communication, MIDI In/Out/Thru, and auxiliary interface for optional add-on capability e.g., SMPTE, ADAT programming/triggering, and optional display and keyboard.
- Two Compact Flash Cards for message, control, and configuration files up to 8GB of memory each.
- Dual processors for improved performance. Singular (from either processor), or split-mode control of audio CODECs. Real-time clock w/backup battery.
- Powerful improved user-scripting language for programming and control. New features include advanced timer control and event list management. Improved system string management and capability.
- Size 12"L x 6.2"W x 1" H, Weight 1.5 lbs.