Dolby® Digital Cinema Processor CP750

The Dolby® Digital Cinema Processor CP750 provides easy-to-operate audio control in digital cinema environments while integrating seamlessly with existing technologies. The CP750 supports 5.1 as well as Dolby Surround 7.1 premium surround sound, and it can receive and process audio from multiple digital audio sources, including a digital cinema server, preshow servers, and alternative content sources. The CP750 is ready for use by a network operations center (NOC) and can be monitored and controlled from anywhere on the network for status and function.

The CP750 integrates with Dolby Show Manager software, enabling it to process digital input selection and volume cues within a show using cues, as well as real-time volume control and mute/unmute functionality. The CP750 also supports ASCII commands from third-party controllers over Ethernet or serial connections.

Moreover, Dolby Surround 7.1 (D-cinema audio), 5.1 digital PCM (D-cinema audio), Dolby Digital Surround EX™ (bitstream), Dolby Digital (bitstream), Dolby Pro Logic® II, and Dolby Pro Logic decoding are all included to deliver the best in surround sound from all content sources for your single screen, multiplex, or large network.

DOLBY DIGITAL CINEMA PROCESSOR CP750 FEATURES

- Eight-Channel Digital Input (4 × AES/EBU) for Digital Cinema Server
  Includes support for Dolby Surround 7.1

- Two Digital Pair Inputs (1 × AES/EBU)
  Connects alternative content sources (for example, preshow server, satellite receiver)

- Toslink™ Digital Input
  Connects alternative content sources that output optical digital audio

- Eight-Channel Analog Input
  Connects existing film or alternative sound processor

- USB Connector
  Enables easy system setup from a PC

- Ethernet Connector
  Connects with Dolby Show Manager network and/or can be monitored, controlled, or upgraded anywhere on the network for glitch-free shows. Also supports ASCII commands or remote control of the processor using the CP750 setup application

- Premium Surround Sound
  Supports 5.1 and Dolby Surround 7.1 sound