

## DIGITAL CINEMA PROCESSOR

A processor specially designed for Digital Cinema applications. Low noise and low distortion processing ensures superb presentations. In addition to eight standard formats the JSD-100 offers two fully configurable formats to address such details as audio level changes and 3 or 5 stage channels. Built-in bypass audio circuitry ensures that the presentation goes on.



State of the art 96k sample per second hardware

Inputs includes two COAX with AC3 and one channel TOSLINK with AC3 when optional DI-83 board is installed, eight standard channels of AES-EBU audio and sixteen channels AES-EBU with optional DI-83 card. Analog inputs include one PA microphone, one Calibrated microphone, one two channel and one eight channel input

The Outputs are 8 Channels of Main Out (Balanced Analog Audio), 8 Channels of Monitor Out (Balanced Analog Audio), Visual Narrative (VI-N) Balanced and Hearing Impaired (HI) Balanced Out

Two fully configurable format buttons to address such issues as audio level changes and three or five stage channels

Control for the unit includes one Ethernet RJ45 @ 10/100 one USB, one RS232 on a DB9 connector for computer configuration and one Automation control over a DB25

Power supply for main and backup power with a built in "Sleep Mode" which conserves power after a selectable amount of time of no audio activity

One AES-EBU Bypass for Audio

SD Memory Card to backup and store all settings

One Global Time Delay for video and audio synchronization @ 0-250ms

One Surround Delay @ 0-150ms