

# P-DSIS

## Digital Audio Switch



The P-DSIS, Proyecson Digital Sound Interface and Switch, is a device which takes advantage of Dolby Cat. 790 audio decoder card along with the CP650 automation features to switch and route digital audio signals towards the Dolby CP650 decoder.

The P-DSIS will only work with Dolby CP650 audio processor featuring the Cat. 790 card.

The device comes with 3 digital audio inputs, 1 automation and power supply I/O, 1 output for both surround and HF channels and 1 audio I/O connector for the CP650.

No external power source is needed since the CP650 own power supply is used.

By using the CP650 automation interface, only an appropriate configuration of its buttons is needed.

### TECHNICAL FEATURES

- **Construction:** PCB directly connected to the rear side of the Dolby CP650.
- **Power requirements:** From the CP 650, 15V DC 60mA max.
- **Dimensions and Weight:** 106 x 60 x 34 mm (4.17" x 2.36" x 1.34"). 120gr.
- **Environmental Conditions:** Operating: 0 to 40 (32 to 104°F), 20 to 80% relative humidity (non-condensing).
- **Warranty:** 3 years, parts and labor. Specifications subject to change without prior notice.

### AUDIO CONNECTIONS

- **4xAES IN:** 4 AES-EBU input channels from the digital cinema server which are later on transformed in 8 discrete audio channels DB25 female connector.
- **OPTIC S/PDIF:** Optic S/PDIF Digital audio input through a female TOSLINK connector.
- **COAXIAL S/PDIF:** Digital audio input through a female RCA connector.
- **SURROUND AND HF CHANNELS OUTPUT:** Surround, EX and HF channels output (bi or tri-amplified systems) from the CP650 OPTION connector.

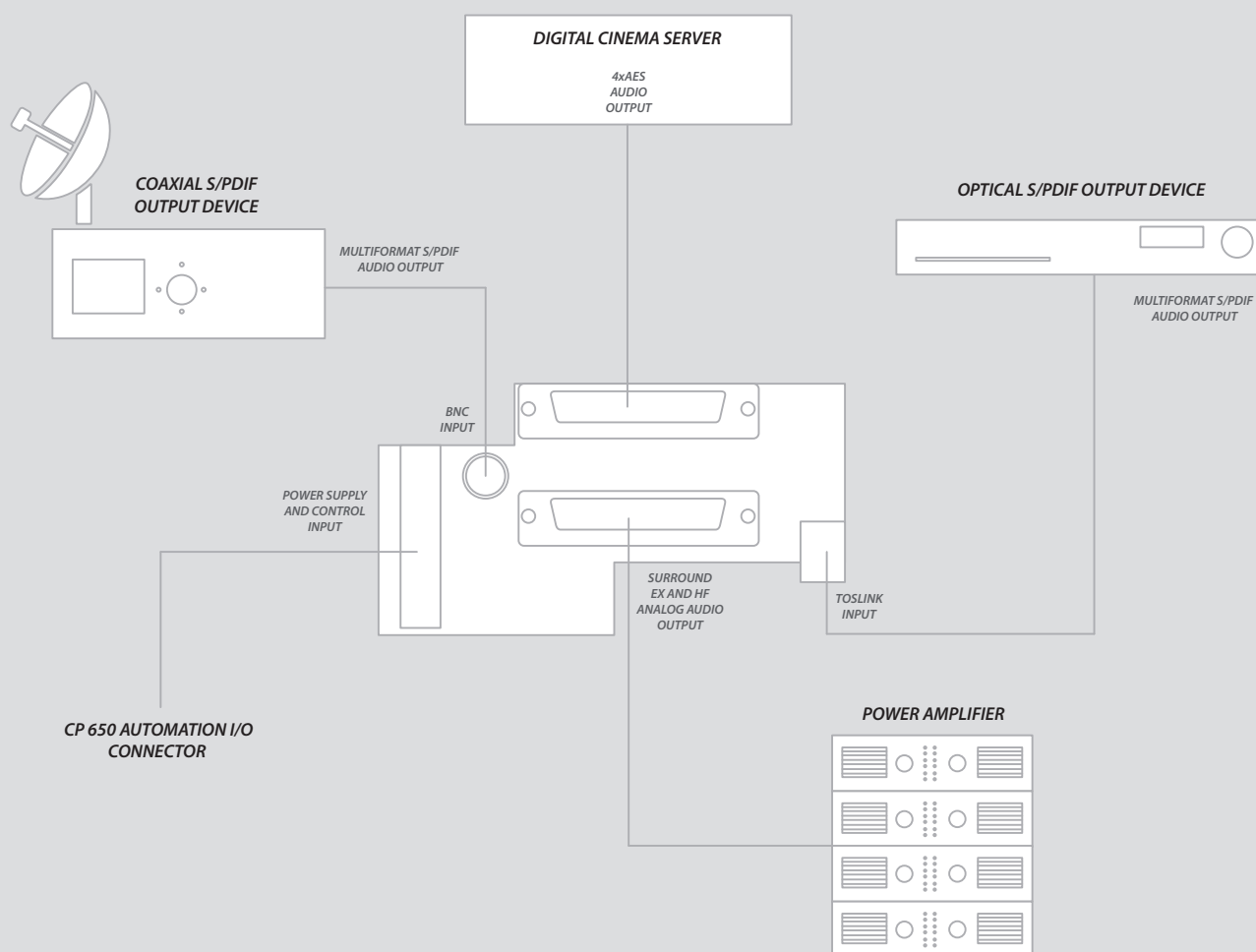
### ADVANCED FEATURES

- Easy to install and configure.
- Seamless operation mode.
- Uses Dolby CP 650 power supply and audio decoder.
- Splits the CP 650 OPTION connector Input/output, which eases the digital audio devices installation in the cinema booth.

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### CONNECTION DIAGRAM



#### CP-650 REQUIREMENTS

**Cat. Nº 790 installed.**

**Minimun CP-650 firmware version: V 2.1.0.0**

**Recommended CP-650 firmware version: V 2.3.6.3**

**Compatible formats: Format 80 (Master Digital In) - Format 81 (Fmt 80 w/Surr. EX)**