

# P-DSB12

## Digital Sound Bypass



The P-DSB12 is a bypass device for D-Cinema sound systems that enables to “save” cinema sessions, should any device from the audio chain fail.

This device is connected to the digital audio output of cinema server and placed in series to the audio decoder and processor of the room. So even if a failure of an analogue/digital converter or audio processor occurs, the signal will still reach the power amplifier.

P-DSB12 decodes the digital cinema audio output signal, mixing and weighting all screen channels and sending them to the power amplifiers. This way if any speaker or centre channel power amplifier should fail, we would still be able to follow the dialogue through the remaining screen channels. Avoiding thus to suspend the show. Surround channels are decoded and outgo without being modified.

Featuring a internal three cut equalizer for screen channels and a bypass main fader on the front panel.

### TECHNICAL FEATURES

- **Construction:** Industrial chassis, 1 unit 19" rack-mounting, connectors on the rear panel.
- **Power Requirements:** 100-240 VAC, 50-60 Hz, 25W.
- **Dimensions and Weight:** 481 x 174 x 44 mm. (18.94"x6.85" x1.73"). 1,5Kg.
- **Environmental Conditions:** Operating: 0°C to 40°C (32°F to 104°F), 20 to 80% relative humidity (non-condensing).
- **Warranty:** 3 years, parts and labor. Specifications subject to change without prior notice.

### REAR PANEL CONNECTIONS

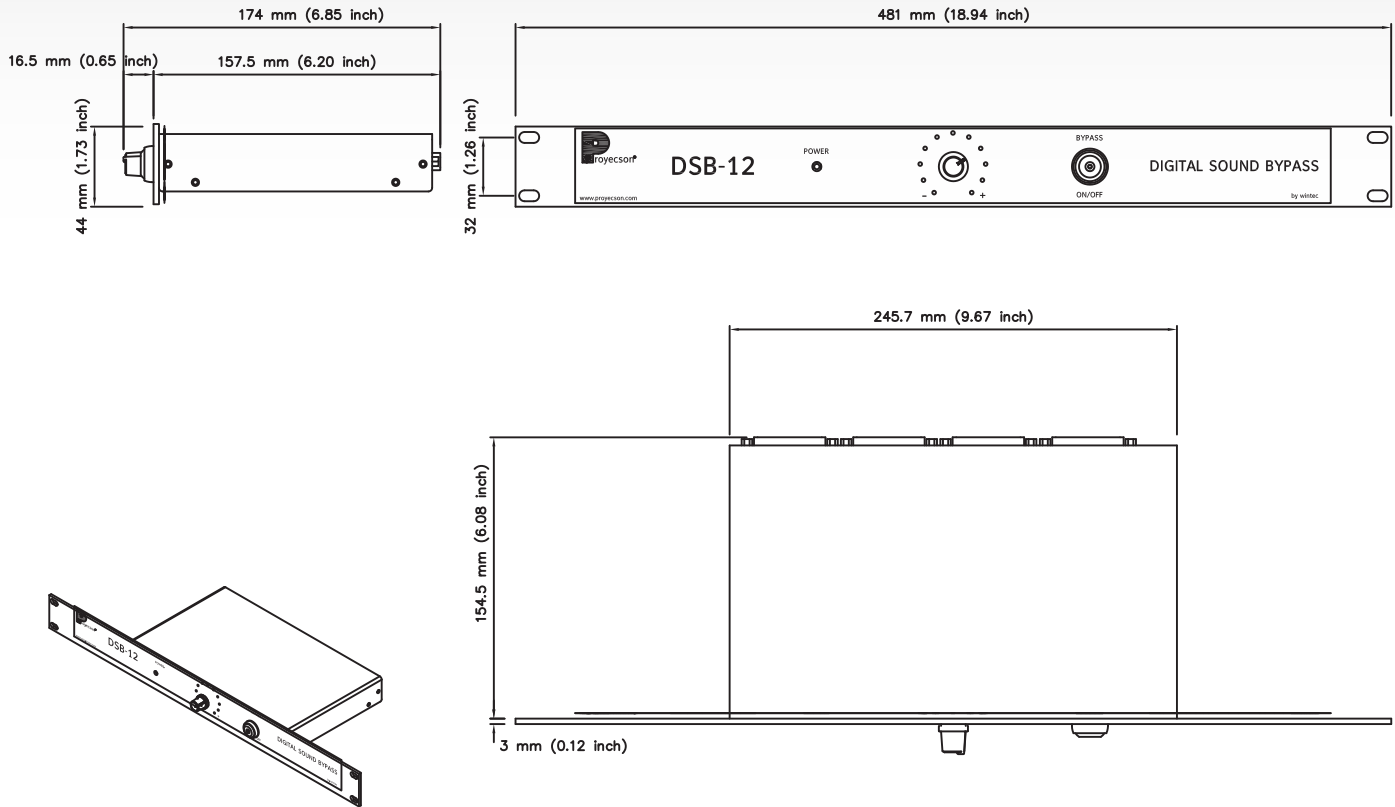
- 4 AES/EBU digital audio inputs in a DB25 male connector.
- 4 AES/EBU digital audio outputs in a DB25 female connector.
- Analog audio channels input from the audio processor output. DB25 female.
- Analog audio channels output to the power amplifiers. DB25 male.

### ADVANCED FEATURES

- Main volume control on the front panel.
- Three cuts equalizer (bass, middle and HF) for the three screen channels.
- Fully transparent to the audio chain when not in operation.
- Seamless installation and operation.

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### CONNECTION DIAGRAM

