

# SPL MasterBay S

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## Inputs & Outputs

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Differential amplifier, electronically balanced/transformerless Nominal input level: +4dBu

## Input Impedance

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- Main Input: ca. 20k ohms unbalanced, ca. 40k ohms balanced
- Insert 1-4 Return: ca. 20k ohms unbalanced, ca. 40k ohms balanced
- DAW Return: ca. 20k ohms unbalanced, ca. 40k ohms balanced

## Output Impedance

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- Rec. Output: ca. 75 ohms unbalanced, ca. 150 ohms balanced
- Insert 1-4 Send: ca. 75 ohms unbalanced, ca. 150 ohms balanced
- Monitor Output: ca. 75 ohms unbalanced, ca. 150 ohms balanced
- Metering Output: ca. 10 ohms unbalanced; ca. 20 ohms balanced

## Volume Control Ranges

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- Input Trim: -6dB to +6dB
- Insert Trim: -6dB to +6dB
- Master Fader: -80dB to +7dB
- Compensation Level: -12dB to 0dB

## Measurements

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- Max. input level: 23dBu
- Max. output level: 23dBu
- Frequency Range: 10Hz-100kHz, -3dB: <10Hz – 200 kHz
- CMR - Main Input: >70dB, DAW Return: >70dB, (@1 kHz, 0dBu input level, unity gain)
- THD&N - Rec. Output: 0.0015%, Monitor Output: 0.0015%, (1kHz, +4dBu input level, unity gain)
- S/N ratio (A-weighted) - Rec. Output: < -99dB, Monitor Output < -98dB
- Crosstalk L/R (@ 1 kHz) <98dB
- Dynamic range (not weighted) - Rec. Output: 118,5 dB, Monitor Output: 116dB

## Power Supply

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- Toroidal transformers
- power supply for LEDs & Relays: 12V/6.3 VA, power supply for audio: 2 x 18V/16VA
- Fuses 230 V AC: 50Hz, 1A; 115 V AC: 60 Hz, 2A
- Voltage Selector 115V/230V

- Power Consumption 24W

## **Dimensions & Weight**

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- W x H x D: 482 x 88 x 237 mm; 19" x 3.46" x 9.33"
- Weight: 5.5kg; 12.13lbs