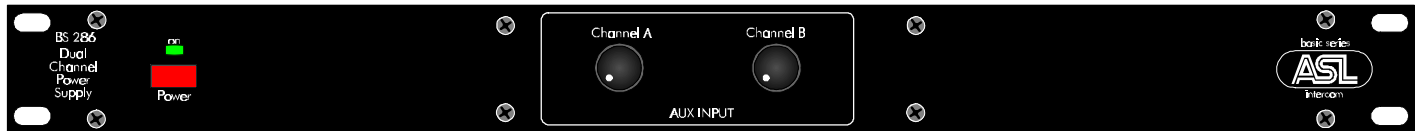


## BS 286 DUAL CHANNEL SEPARATE POWER SUPPLY



The BS 286 is a 2-channel switch mode power supply with AUX input for program signals. It is housed in a 19"/1U steel case and is designed to be able to safely drive 20 beltpacks BS 15, when each is driven to full volume. It is fully protected such that if there is a short circuit, miswiring on any part of the system, or a dangerous thermal condition, it will shut down. Once the fault condition has been removed, the power supply will automatically reset and full power will be restored. The BS 286 can be connected to mains power 100V - 240V AC (50/60Hz)

### Aux. Program Input

A XLR-3 connector on the rear panel allows access to the intercom lines for external audio signals. The input is electronically balanced and switchable between line or 30V phantom powered mic level inputs. On the front panel AUX signal volume controls are provided, one for each channel.

### Front panel controls

- \* POWER on/off switch with LED indicator for 'power-on'
- \* AUX Volume controls to channel A and B

### Rear panel connectors

- \* Two XLR-3 male line connectors for each channel.
- \* One XLR-3 female connector for AUX (PGM) signal
- \* Mic / line level selector switch for AUX (PGM) signal
- \* Mic gain trimmer
- \* Fuse + Euro mains connector with separate mains cord.

### DESIGNED AND MANUFACTURED BY :

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### TECHNICAL SPECIFICATIONS

#### General

Dynamic range 80dB (1kHz, THD<1%)

#### Power supply

Mains voltage 100 - 230 V  
50 - 60 Hz AC  
DC output voltage +30 V +/- 5% DC  
Max. output current 2 A continues  
2,3 A peak

#### Intercom line

Impedance 350 ohms at 1 kHz  
Audio level nom. -18 dBu  
max. +4 dBu

#### Aux. PGM input

Input impedance 10 K ohms  
Input level Line : nominal  
-18 to +6 dBu  
Max. +22 dBu  
Mic : nominal  
- 38 to -14 dBu  
Max. +2 dBu  
Phantom power (mic level) +30 V DC

#### Dimensions and Weight

Width 19" (483 mm)  
Height 1U (44,5 mm)  
Depth 125 mm  
Weight 2,1 kg

