

pulz[®]

sound matters



DSS88S-D4

The Pulz DSS88S-D4 is a 8-Input, 8-Output Digital Speaker Processor designed to deliver high quality DSP processing with superb audio quality and adequate control options for professional sound reinforcement fixed and touring installations, nightclubs, large venue, conferencing and more. An intuitive 2 X 24 back-lit LCD display helps navigate options through its extensive feature set and is also easy to see in dimly lit venues. The DSS88S-D4 will store up to 30 total presets. A preset file captures all current settings and stores complete control data for all channels and all audio functions.

Additionally it features Acoustic feedback control, Acoustic noise control, Acoustic echo control per channel.

FEATURES

- Dante network audio 4 in 4 out. Analog 8 in 8 out
- Acoustic feedback control, Acoustic noise control, Acoustic echo control per channel
- Compressor, AGC & Limiter per channel
- Phantom power per channel
- 24 bit A/D and D/A converter; 48kHz sampling rate
- 8th order filters for crossover; 31 PEQ per input and 10 PEQ per output
- GPIO Extensible Function; USB, RS232/RS485 connector for center control
- Automatic Mixer & Matrix Mixer per input channel
- Finite Impulse Response (FIR) filter
- Automation

SPECIFICATIONS

Input Impedance Balanced: 11.5K Ω

Output Impedance Balanced: 150 Ω

PC Port 1 USB (front panel), RS485, RS232, RJ45, GPIO

CMRR >55dBu at 1kHz

Functions of Input channels :

Phantom Power 48V per channel

Input Delay adjustable range 0-2000ms per channel

Input EQ 31 EQ's selectable to PEQ or Shelving or All pass filter per channel

Noise Gate - Threshold: -90dBu to 0dBu

Attack : 1ms to 2800ms

Release : 1ms to 2800ms

AGC – Ratio : 1 to 100

Attack : 1ms to 2800ms

Release : 1ms to 2800ms

Functions of output channels:

Output Delay adjustable range of 0-1000ms per channel

Crossover LPF or HPF. Filter type: Linkwitz-Riley, Bessel, Butterworth per channel

Crossover Frequency 20Hz ~ 20kHz, Slope: 6dB/oct – 48dB/oct per channel

Compression: Threshold -90dB to 21dB

Attack : 1ms to 2800ms

Release : 1ms to 2800ms

Limiter: Threshold -90dB to 21dB

Attack : 1ms to 2800ms

Release : 1ms to 2800ms

Output EQ: 10 EQ's selectable to PEQ or Shelving or All pass filter, FIR Filter per channel

Matrix Mixing 10X10

Processor 48kHz sampling frequency, 32-bit floating-point DSP.

Display 2 x 24 LCD

USB port as sound card

Dimensions (H X W X D) 44 mm X 482 mm X 228 mm (1.8" X 19" X 9")

Gross weight 3.8 kg (8 lb)

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