



# DSS-1608 / DSS-0816

Digital Snake  
Systems



## Features

- Real time digital transmission
- Point to point and multipoint modes
- 16 analog IN/ 8 analog OUT (DSS-1608)
- 8 analog IN/ 16 analog OUT (DSS-0816)
- Gain control
- 48V phantom power
- Ethernet ports for Dante
- USB port for PC

DSS Series is a new generation of digital stage boxes also called “Digital Snake Systems” in comparison with the old analog multicore cables used in live applications. Audio transport uses DANTE protocol providing low latency and audio quality in any environment.

Using inexpensive Cat 5e cable the signal path can be transported up to a distance of 100 meters without drop-outs.

DSS-1608 features 16 x IN/ 8 x OUT and DSS-0816 features 8 x IN/ 16 x OUT. Both models are equipped with a Dante module providing the redundancy of the signal in case of trouble.

## Specifications

|   |                                  |
|---|----------------------------------|
| <b>Microphone input</b>                     | Electronically balanced          |
| Frequency Response to Main Output           | 20Hz~20KHz at 0dBu $\pm$ 1.5dB   |
| Distortion(THD&N) to Main Output            | <0.01% at 0dBu 1KHz              |
| Gain  | 0dBu~50dBu                       |
| SNR(Signal to Noise Ratio)                  | 107dB                            |
| Maximum Input Level                         | +20dBu                           |
| Phantom Power( $\pm$ 3V)                    | +48VDC                           |
| <b>Maximum Outputs Level</b>                | +20dBu                           |
| <b>System Crosstalk</b>                     |                                  |
| Input to Output(at +0dBu 1KHz)              | -88dBu                           |
| Adjacent Channels(at +0dBu 1KHz)            | -85dBu                           |
| <b>Impedances</b>                           |                                  |
| Microphone inputs                           | 6.8K $\Omega$                    |
| Phantom Power ( $\pm$ 3V)                   | +48VDC                           |
| All other outputs                           | 240 $\Omega$                     |
| <b>Operating free-air temperature range</b> | 0~40 $^{\circ}$ C                |
| <b>Storage temperature range</b>            | -20 $^{\circ}$ C~45 $^{\circ}$ C |

*Specifications subject to modification without notice*

