



## DSC 808 Digital System Controller

### Description

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The DSC 808 is a digital system controller with eight analog inputs and eight analog outputs. Featuring premium 24-bit transducers, a dynamic range of 114 dB, input and output levels up to +22 dBu, and a frequency range of between 10 Hz and 20 kHz, the DSC 808 delivers an impressive audio performance, even in challenging sound environments. Our browser-based LB AUDIO CONTROL Software offers ten fully parametric filters, a delay of up to two seconds, plus limiters and compressors for every input and output. The mixer matrix can be used to route any input to different outputs. Multiple controllers can be connected via Ethernet and programmed using a PC or operated via media controls. The system controllers are used for modelling the vertical behavior of modular, multi-channel line-array speakers in the ZL series. We can preconfigure controllers for specific speaker combinations on request.

### Key Features

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- Digital signal processor
- 8 inputs, 8 outputs, analog
- 114 dB dynamic range
- USB port
- Ethernet port
- 19"/1U cabinet

### Fields of Application

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- Churches
- Clubs, discotheques
- Conference rooms
- Concert halls, theatres
- Gastronomy
- Home audio
- Media rooms
- Shops, sales rooms

# DSC 808

## Digital System Controller

### Back View



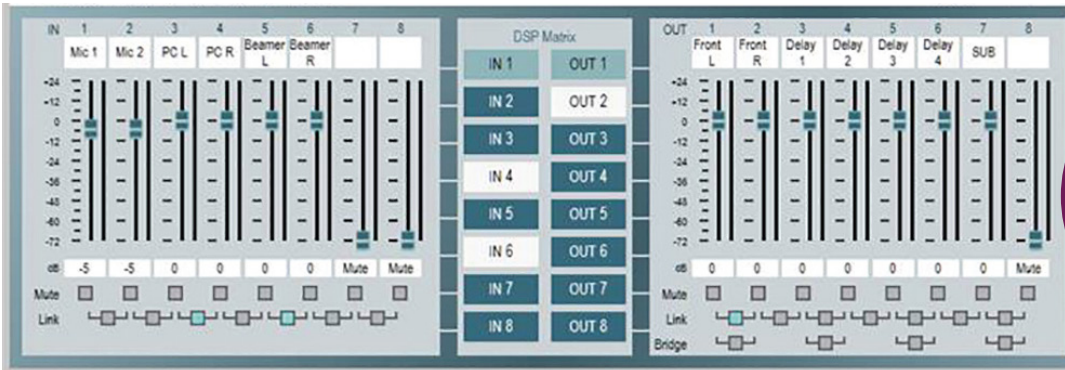
### Technical Data

Inputs	4 × XLR sym., 4 × IN sym. (screwtype terminals, pluggable)
Outputs	8 × XLR sym.
Input / output level	max. 22 dBu
Frequency range	10 Hz – 20 kHz (-3 dB)
Dynamic range	114 dB
Controls	Preset selector, power switch, display
Interfaces	USB port at front, Ethernet port at back
Functions	10 parametric filters for each input/output. bell, high shelf, low shelf, notch, all-pass, band-pass, high-pass, low-pass. Delay up to 2 sec., limiter und compressor for each input/output, 100 presets
Latency	0.64 ms
Software (included)	DSC-Control – Download from our website: <a href="http://www.lb-lautsprecher.de/Download-DSC-Control-Software">www.lb-lautsprecher.de/Download-DSC-Control-Software</a>
Power supply	230 V AC
Mains connector	IEC connector
Power consumption	20 watts
Dimensions (W × H × D)	483 × 44 × 150 mm
Weight	2.2 kg
Warranty	5 years

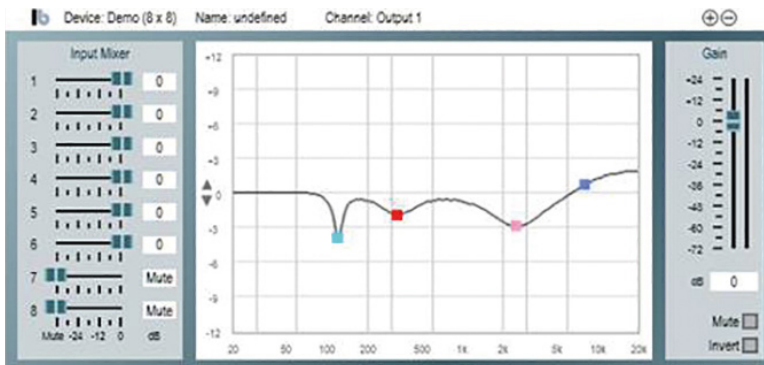
Model	Order-No.	Version
DSC 808	3301-0003	Digital System Controller



**LB AUDIO CONTROL Software**



**LB AUDIO CONTROL**  
 Browser-based Software  
 for our new DSPs  
 Interface: Ethernet  
 Download  
[www.lb-lautsprecher.de](http://www.lb-lautsprecher.de)

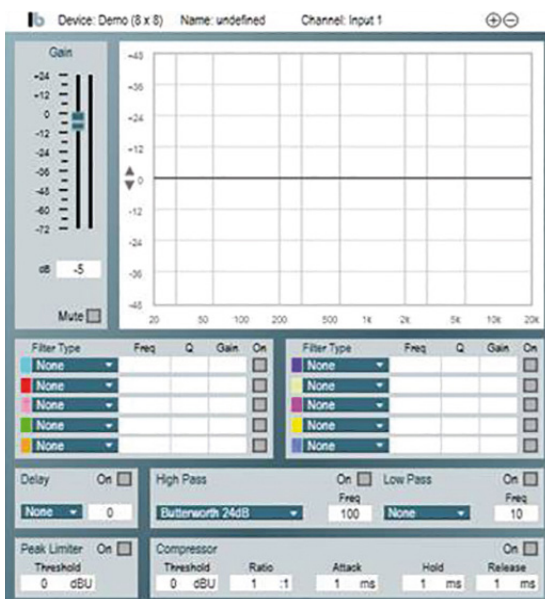


Our newly developed, browser-based **LB AUDIO CONTROL** app is used to program and control LB-devices with DSP digital signal processors. One or more devices can be connected via Ethernet, programmed using the LB AUDIO CONTROL app on a PC, and operated via a media control system. In addition to the 8 x 8 mixer matrix, the DSP also offers ten fully parametric filters, a delay of up to two seconds, plus compressors and limiters for every input and output.

We can also preconfigure project-specific settings on request.

Interface: Ethernet  
 Operating system: Windows

Download from our website:  
[www.lb-lautsprecher.de/en/Download-Software](http://www.lb-lautsprecher.de/en/Download-Software)



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### Block Diagram

