



**LB AUDIO
CONTROL APP**
Browser-based
Software



Displayspeakers and Soundbars with DSP and DANTE
Sound and image in perfect harmony

**dis
play** series

pure listening 

Next Generation

Presentations and conferences with our display speakers and soundbars

In the new generation of our **Display Series**, we have implemented additional features for configuration with our **LB AUDIO CONTROL App** as well as control and monitoring via network commands.

The standard versions are equipped with analog inputs and an optical SPDIF input (Toslink), the DANTE versions also have a DANTE interface.

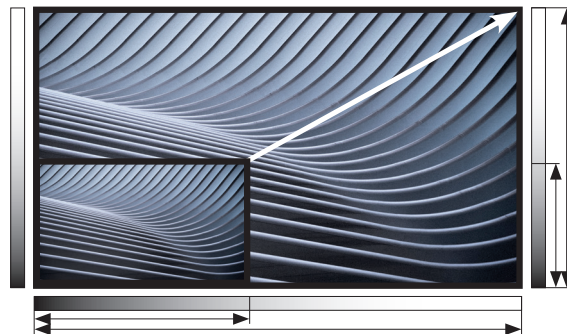
A powerful digital signal processor (DSP) with multi-band limiters and a wide range of setting options ensures excellent music reproduction and at the same time precise speech reproduction with high intelligibility and headroom. Thanks to the integrated automatic switch-on (auto-on/off) and a new circuit design with very low idle current, the power consumption of the speakers is reduced to a minimum.

The discreet speakers with minimized dimensions are manufactured by us as standard models or individually with a length or width that precisely matches the display. In this way, displays and speakers form an elegant visual unit and can be perfectly integrate into the room architecture.



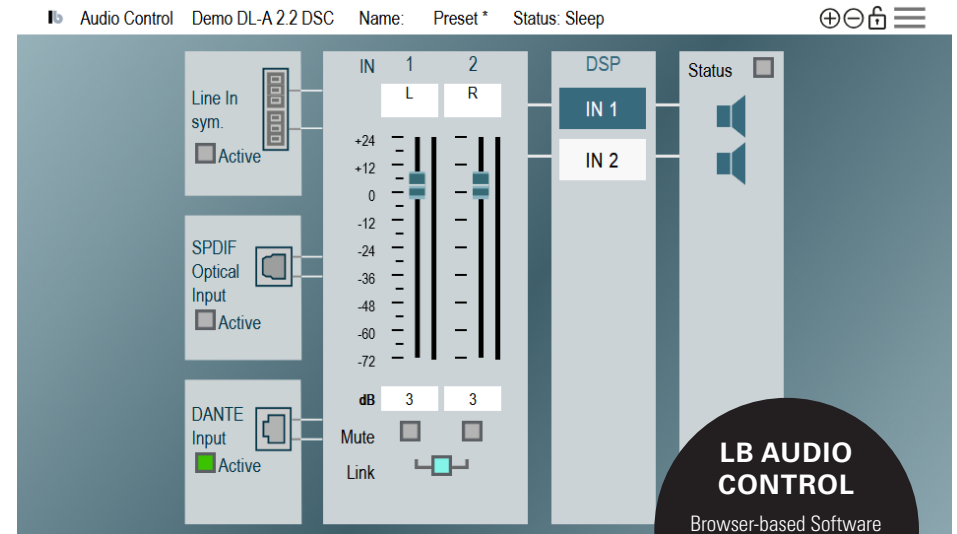
DL-A 2.0 DSC
DL-A 2.0 DSC DANTE

DL-A 2.2 DSC
DL-A 2.2 DSC DANTE



Customized soundbars with a width of 960 to 2350 mm

Customized versions
with height on
measure for display
height from 700 up
to 1600 mm



LB AUDIO CONTROL

Browser-based Software
for our new DSPs
Download:
www.lb-lautsprecher.de

SB-A 2.0 DSC / SB-A 2.0 DSC DANTE



SB-A 2.2 DSC / SB-A 2.2 DSC DANTE



Features

Our display speakers and soundbars are made of high-quality aluminum cabinets and trimless front grilles made of fine-perforated steel grille. They offer a discreet visual appearance and a front view with uniform material. The external dimensions are reduced to a minimum.

The smaller models **DL-A 2.0 DSC / DL-A 2.0 DSC DANTE** and **SB-A 2.0 DSC / SB-A 2.0 DSC DANTE** have a construction depth of only 48 mm.

Upon request we can produce the cabinet height of the display speakers to match the displays or video walls.

The new network-capable DSPs can be configured using our browser-based LB AUDIO CONTROL App via Ethernet with PCs (Windows or MAC). Ten fully parametric filters, high-pass and low-pass filters, delay, compressor and limiter as well as lock functions are available.

Using network commands, the speakers can be switched on and off, muted and the volume adjusted. Querying status, levels and gain reduction is also possible. After sending a network command, the device responds with the appropriate overall status if the command was implemented.

The standard versions are equipped with symmetrical analog inputs and an optical SPDIF input (Toslink), the DANTE versions also have a DANTE interface.



We manufacture soundbars with individual widths to match displays or video walls.



The connections for the DANTE network, inputs, connection to the passive loudspeaker and power supply are recessed at the back. The speakers can be mounted with minimal distance to the wall.

The combination of long-throw subwoofer chassis and passive membranes enables deep and powerful bass reproduction.

The entire speech range is reproduced by two very linear point sound sources in the form of highly efficient broadband drivers. This enables excellent speech intelligibility.



Models Display Speakers

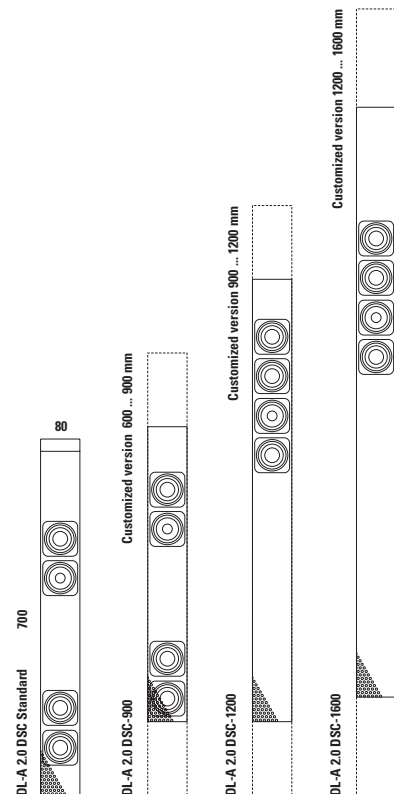
DL-A 2.0 DSC / DL-A 2.0 DSC DANTE

The DL-A 2.0 DSC series includes active speaker pairs with 2 × 50 watt amplifier power, a network-capable digital signal processor and a cabinet depth of just 48 mm. The arrangement of the speakers to the left and right of the display is ideal for use in conference rooms – the acoustic center of the speakers is in the middle and coincides with the optical center of the display.

The linear frequency response of the speakers enables low-feedback video conference systems and voice lift systems.



Connection terminal
DL-A 2.0 DSC /
DL-A 2.0 DSC DANTE



Dimensions

In addition to the standard models **DL-A 2.0 DSC** and **DL-A 2.2 DSC** with a height of 700 mm, individual versions with a height of 700 mm to 1600 mm that precisely match the display are available.

Fields of Application

- Conference rooms
- Stand-alone solutions
- Presentations
- Exhibitions, trade fairs
- Sales rooms
- Gastronomy

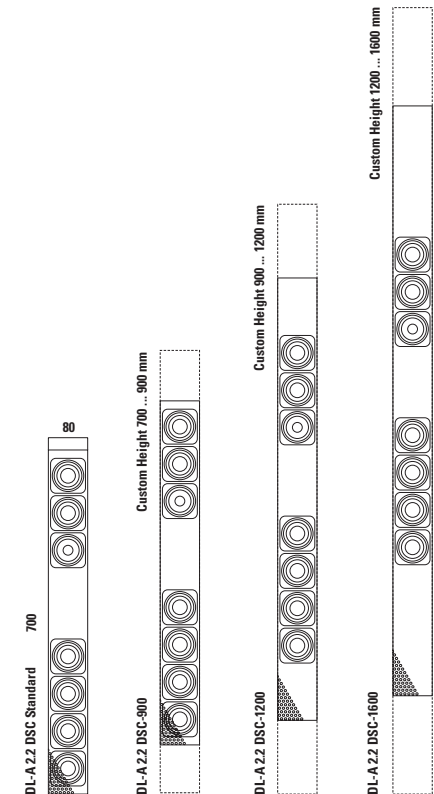
DL-A 2.2 DSC / DL-A 2.2 DSC DANTE

Our active 2-way speaker pairs from the DL-A 2.2 DSC series are equipped with integrated multi-chamber subwoofers and DSP. They have a total amplifier power of 300 watts and a cabinet depth of 103 mm. This enables a significantly higher playback volume with powerful bass reproduction. The arrangement of the speakers to the side of the display ensures even coverage of the conference area and a match between the acoustic and visual perspectives.

The speakers of the DL-A 2.2 DSC series are particularly suitable for use in larger conference and media rooms as well as for demanding music and film sound reproduction.



Connection terminal
DL-A 2.2 DSC /
DL-A 2.2 DSC DANTE



Models Soundbars

SB-A 2.0 DSC / SB-A 2.0 DSC DANTE

Active stereo sound bars with 2 × 50 watt amplifier power, network-capable digital signal processor and a cabinet depth of just 48 mm. The arrangement below the display is ideal for use in presentation and sales rooms.



Connection terminal
SB-A 2.0 DSC /
SB-A 2.0 DSC DANTE
and
SB-A 2.2 DSC /
SB-A 2.2 DSC DANTE

Dimensions

In addition to the standard model **SB-A 2.0 DSC** with a width of 960 mm and the standard model **SB-A 2.2 DSC** with a width of 1200 mm, there are one-piece, individual versions with a width of 960 mm that exactly matches the display (for SB-A 2.2 1200 mm) available up to 2350 mm.

For larger displays or video walls, we offer multi-part soundbars upon request.

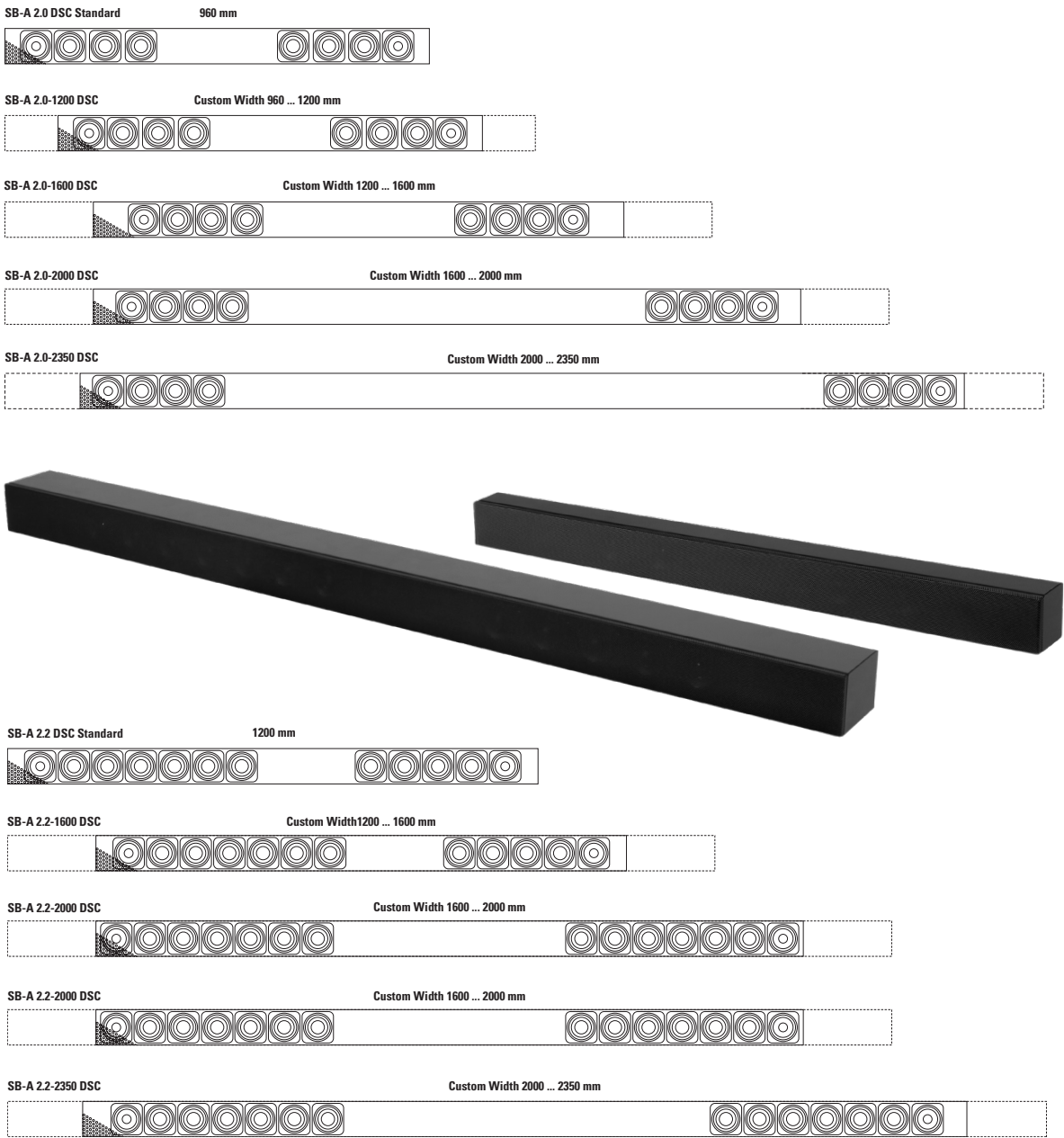
SB-A 2.2 DSC / SB-A 2.2 DSC DANTE

Powerful active 2-way stereo soundbars with 300 watts of amplifier power, DSP and integrated subwoofers. The cabinet depth of 103 mm in conjunction with multi-chamber subwoofers enables significantly higher playback volume with powerful bass reproduction.

The SB-A 2.2 DSC series is particularly suitable for use in larger conference and media rooms for demanding music and film sound reproduction.

Fields of Application

- Conference rooms
- Stand-alone solutions
- Presentations
- Exhibitions, trade fairs
- Sales rooms
- Gastronomy

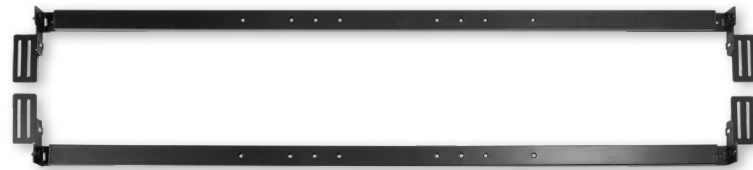


DL-VESA: Mounts for Display Speakers

The DL-VESA 1150 to DL-VESA 2400 brackets are designed to attach our speakers to displays with rear VESA mounting points.

The brackets can be adjusted within wide limits to adapt to different displays. We will be happy to support you in selecting the appropriate DL-VESA models.

Additionally: DL-VESA 2700 for display widths 2400 to 2700 mm (for both types)



Wall mounts for Display Speakers

WH 80

Adjustable wall mount for 35 – 110 mm wall distance.
(2 pairs are required per pair of speakers)

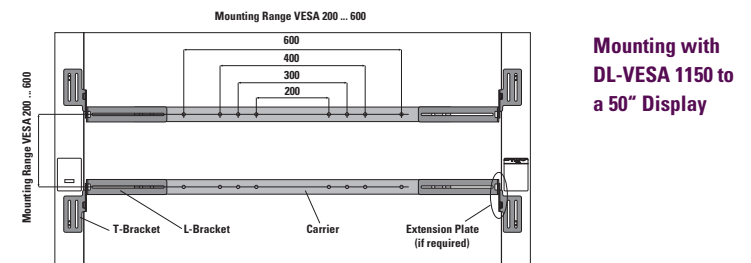
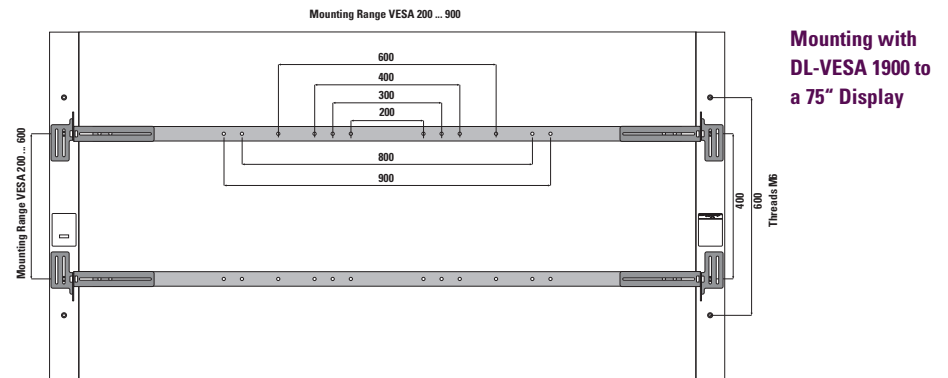
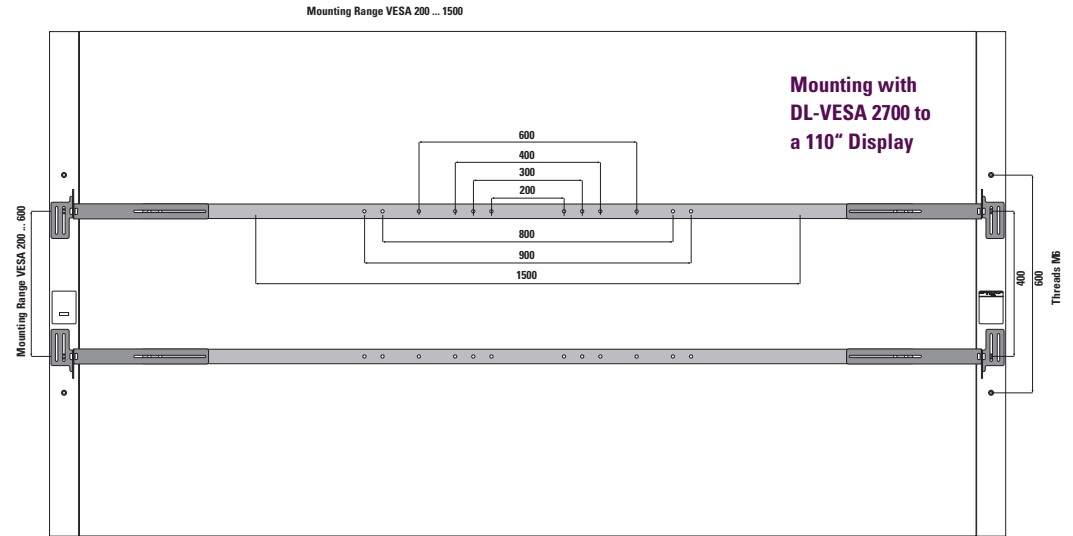


SH 50

Pivotal wall mount with 30 mm wall distance.
(2 pieces are required per pair of speakers)



The brackets are suitable for all standard VESA hole patterns.



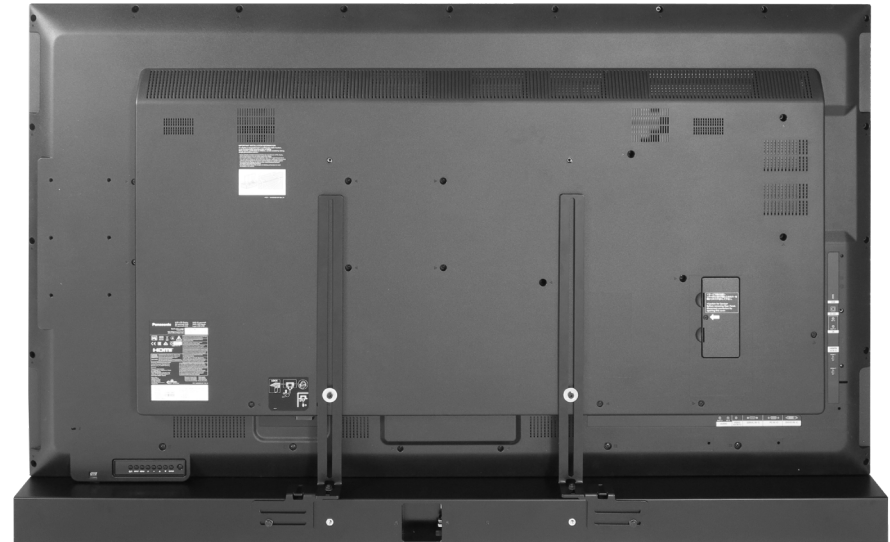
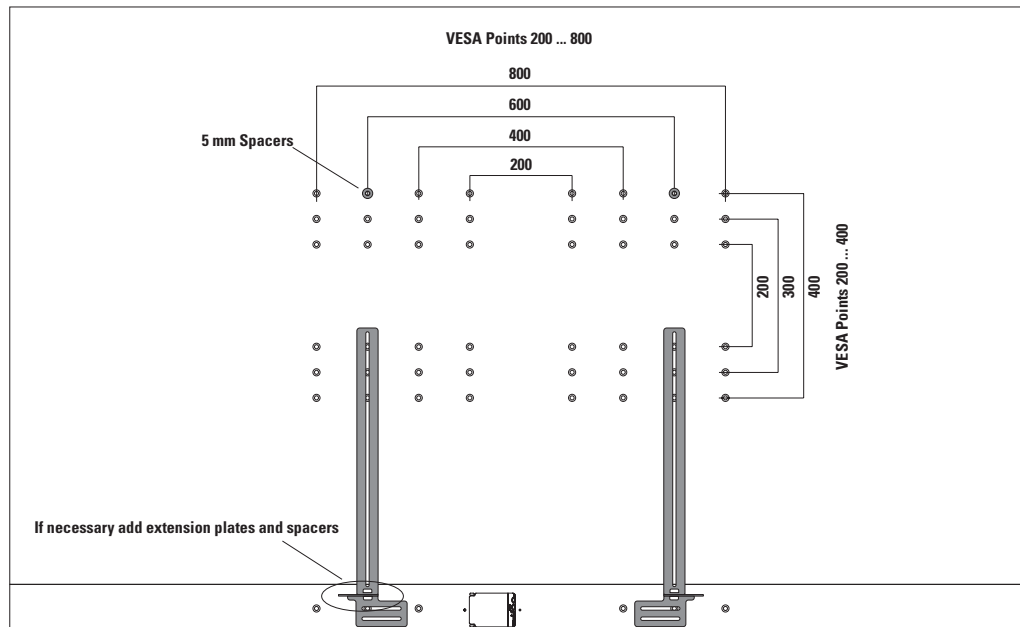
SB-VESA: Mounts for Soundbars

The SB-VESA universal mount is intended for attaching our soundbars to displays with VESA mounting points on the back.

The brackets can be adjusted within wide limits to adapt to different displays.



The brackets are suitable for all standard VESA hole patterns.



The various mounting options can be found in our DL+SB operating instructions:
<https://www.lb-lautsprecher.de/Displaylautsprecher>

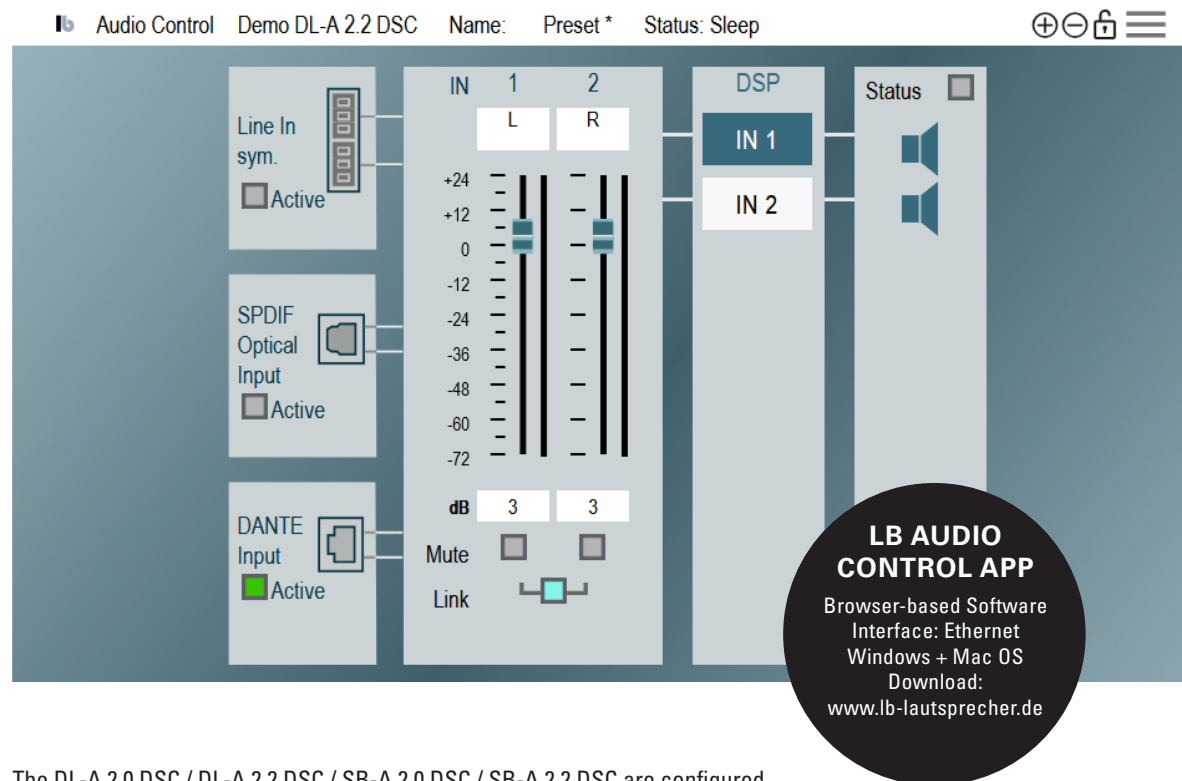
Wall mounts for Soundbars

WH 80



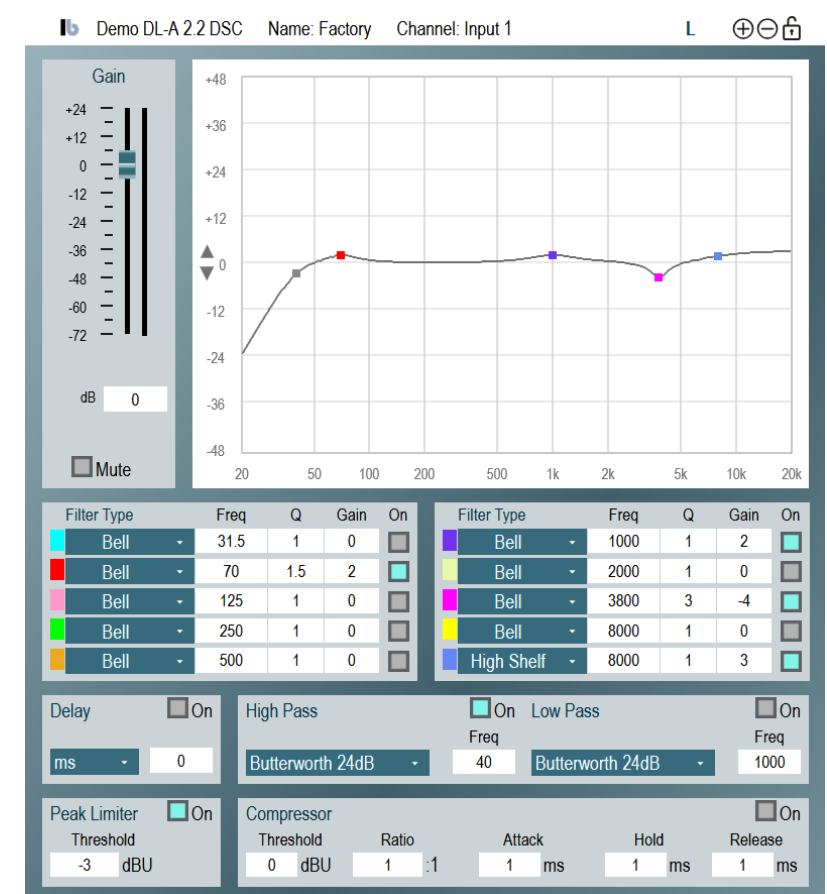
Adjustable wall bracket for 35 – 110 mm wall distance.

LB AUDIO CONTROL App



The DL-A 2.0 DSC / DL-A 2.2 DSC / SB-A 2.0 DSC / SB-A 2.2 DSC are configured with our browser-based **LB AUDIO CONTROL App**.

Network settings, lock functions, presets and audio settings (parametric EQs, delays, compressor and limiter) can be edited (download from our website). The display speakers and soundbars can be controlled and monitored via network commands. You can find the list of network commands in the operating instructions for our LB AUDIO CONTROL app.



LB AUDIO CONTROL App

Installation Instruction / PDF

Detailed information about the software on our website:

<https://www.lb-lautsprecher.de/sites/default/files/2024-05/LB-AUDIO-CONTROL-Installation-Instruction-2024.pdf>

Technical Data

Models	Principle	Components	Frequency range	Power capacity	Maximum SPL	Connectors	Input sensitivity	Operating controls	Power supply	Mains connection	Dimensions (W x H x D)	Weight	Suspension points	Warranty
DL-A 2.0 DSC DL-A 2.0 DSC DANTE (Standard) DL-A 2.0 DSC-900 DL-A 2.0 DSC-900 DANTE DL-A 2.0 DSC-1200 DL-A 2.0 DSC-1200 DANTE DL-A 2.0 DSC-1600 DL-A 2.0 DSC-1200 DANTE (Special versions)	Active stereo speaker pair with class-D amplifiers and DSP. Left speaker with amplifier module, right speaker passive	2 x 2.5" full-range drivers + 2 x 2.5" woofers + 4 x 2.5" passive radiators	55 Hz – 20 kHz	2 x 50 Watts	max. 109 dB (1m)	Line In Stereo, symmetrical and Cinch, optical SPDIF input (Toslink), RJ45 Ethernet socket, pluggable system terminals for passive speaker and external power supply, mini jack input cable 3.5mm to Cinch, 1.5 m. The model DL-A 2.0 DSC DANTE also has an Ethernet socket for DANTE Connectors passive speaker: 2-pole connection cable, length 5 m	0 dBU for full modulation, Impedance 4.7 kohms	Back: LED Standby/ Sleep/On/Limit, Ground-Lift Switch	Extern power supply 24 V DC, 90 VA	90 – 240 V AC	80 x 700 x 48 mm (per speaker) Height on measure 600 – 900 mm 900 – 1200 mm 1200 – 1600 mm	5 kg (Pair)	Threaded inserts 2 x M 6 at rear (per speaker)	5 years
DL-A 2.2 DSC DL-A 2.2 DSC DANTE (Standard) DL-A 2.2 DSC-900 DL-A 2.2 DSC-900 DANTE DL-A 2.2 DSC-1200 DL-A 2.2 DSC-1200 DANTE DL-A 2.2 DSC-1600 DL-A 2.2 DSC-1600 DANTE (Special versions)	Active 2-way stereo speaker pair with class-D amplifiers and DSP. Left speaker with amplifier module, right speaker passive.	2 x 2.5" full-range drivers + 6 x 2.5" woofers + 6 x 2.5" passive radiators	42 Hz – 20 kHz	2 x 50 + 2 x 100 Watts	max. 112 dB (1m)	Line In Stereo, symmetrical and Cinch, optical SPDIF input (Toslink), RJ45 Ethernet socket, pluggable system terminals for passive speaker and external power supply, mini jack input cable 3.5mm to Cinch, 1.5 m. The model DL-A 2.2 DSC DANTE also has an Ethernet socket for DANTE Connectors passive speaker: 4-pole connection cable, length 5 m	0 dBU for full modulation, Impedance 4.7 kohms	Back: LED Standby/ Sleep/On/Limit, Ground-Lift Switch	Extern power supply 24 V DC, 90 VA	90 – 240 V AC	80 x 700 x 103 mm (per speaker) Height on measure 700 – 900 mm 900 – 1200 mm 1200 – 1600 mm	6,2 kg (Pair)	Threaded inserts 2 x M 6 at rear (per speaker)	5 years
SB-A 2.0 DSC SB-A 2.0 DSC DANTE (Standard) SB-A 2.0 DSC-1200 SB-A 2.0 DSC-1200 DANTE SB-A 2.0 DSC-1600 SB-A 2.0 DSC-1600 DANTE SB-A 2.0 DSC-2000 SB-A 2.0 DSC-2000 DANTE SB-A 2.0 DSC-2350 SB-A 2.0 DSC-2350 DANTE (Special versions)	Active stereo soundbar with class-D amplifiers and DSP	2 x 2.5" full-range drivers + 2 x 2.5" woofers + 4 x 2.5" passive radiators	55 Hz – 20 kHz	2 x 50 Watts	max. 109 dB (1m)	Line In Stereo, symmetrical and Cinch, optical SPDIF input (Toslink), RJ45 Ethernet socket, pluggable system terminals for passive speaker and external power supply, mini jack input cable 3.5mm to Cinch, 1.5 m. The model SB-A 2.0 DSC DANTE also has an Ethernet socket for DANTE	0 dBU for full modulation, Impedance 4.7 kohms	Back: LED Standby/ Sleep/On/Limit, Ground-Lift Switch	Extern power supply 24 V DC, 90 VA	90 – 240 V AC	960 x 80 x 48 mm Width on Measure 960 – 1200 mm 1200 – 1600 mm 1600 – 2000 mm 2000 – 2350 mm	4,5 kg	Threaded inserts 4 x M 6 at rear	5 years
SB-A 2.2 DSC SB-A 2.2 DSC DANTE (Standard) SB-A 2.2 DSC-1600 SB-A 2.2 DSC-1600 DANTE SB-A 2.2 DSC-2000 SB-A 2.2 DSC-2000 DANTE SB-A 2.2 DSC-2350 SB-A 2.2 DSC-2350 DANTE (Special versions)	Active stereo soundbar with integrated subwoofers, class-D amplifiers and DSP	2 x 2.5" full-range drivers + 5 x 2.5" woofers + 5 x 2.5" passive radiators (6 x 2.5" woofers and 6 x 2.5" passive radiators as of 1600 mm width)	42 Hz – 20 kHz	2 x 50 + 2 x 100 Watts	max. 112 dB (1m)	Line In Stereo, symmetrical and Cinch, optical SPDIF input (Toslink), RJ45 Ethernet socket, pluggable system terminals for passive speaker and external power supply, mini jack input cable 3.5mm to Cinch, 1.5 m. The model SB-A 2.2 DSC DANTE also has an Ethernet socket for DANTE	0 dBU for full modulation, Impedance 4.7 kohms	Back: LED Standby/ Sleep/On/Limit, Ground-Lift Switch	Extern power supply 24 V DC, 90 VA	90 – 240 V AC	1200 x 80 x 103 mm Width on Measure 1200 – 1600 mm 1600 – 2000 mm 2000 – 2350 mm	5,7 kg	Threaded inserts 4 x M 6 at rear	5 years

