

## DL-A 2.2 DSC / DL-A 2.2 DSC DANTE Active Stereo Display Speaker Pair with Integrated Subwoofers and DSP

### Description

Active 2-way stereo speaker pair with a highly linear frequency response, clear speech reproduction and integrated subwoofers for mounting in displays and video walls. DL-A 2.2 DSC speakers are designed for video conferences and high-quality sound reproduction in conference and media rooms. They can be configured with our LB CONTROL App and controlled and monitored via network commands. The standard version is equipped with analog inputs and an optical SPDIF input (Toslink), the DL-A 2.0 DSC DANTE version also has 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.

### Assembly

Use our DL-VESA brackets for direct display mounting. These are available in different sizes and can be used on displays measuring from approximately 46 to 100 inches. Alternatively, you can use our SH 50 and WH 80 brackets to attach the speakers directly to the wall or to a wall panel for flush mounting (brackets must be ordered separately).



dis  
play series

### Key Features

- Active stereo 2-way speaker pair with DSP and integrated subwoofers
- Very linear frequency range
- Optimized speech intelligibility
- Integrated subwoofer
- Control via LB CONTROL App and Network commands
- Analog and digital inputs
- Optional DANTE interface
- 2 × 50 + 2 × 100 watts power capacity
- Automatic switch-on
- Switchable Ground-Lift
- Customized versions with height on measure for display height from 700 up to 1600 mm
- VESA mounts for display width up to 2400 mm

### Fields of Application

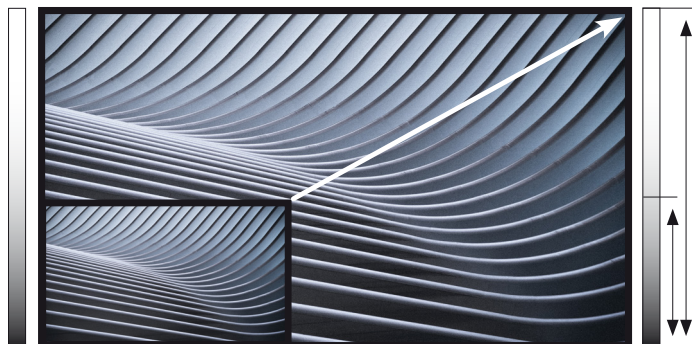
- Conference rooms
- Stand-alone solutions
- Presentations
- Exhibitions, trade fairs
- Sales rooms
- Gastronomy



Connection terminal DL-A 2.2 DSC

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

## Active Stereo Display Speaker Pair with Integrated Subwoofers and DSP



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

### Technical Data

Principle	Active 2-way stereo speaker pair with class-D amplifiers and DSP. Left speaker with amplifier module, right speaker passive.
Components	2 x 2.5" full-range drivers + 6 x 2.5" woofers + 6 x 2.5" passive radiators
Frequency range	42 Hz – 20 kHz
Power capacity	2 x 50 watts + 2 x 100 watts
Maximum SPL	max. 112 dB (1W/1m)
Nominal dispersion	120°
Connectors active speaker	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
Dante	
Connectors passive speaker	4-pole connection cable, length 5 m
Input sensitivity	0 dBu for full modulation, Impedance 4.7 kohms
Operating controls (back)	LED Standby/Sleep/On/Limit, Ground-Lift Switch
Automatic switch-on	Switch-off with approx. 10 min. delay
Power supply	Extern power supply 24 VDC
Mains connection	90 – 240 VAC
Dimensions (W x H x D)	80 x 700 x 103 mm (per speaker)
Weight	6,2 kg (pair)
Cabinet	Aluminium, front precisions steel grille, powder-coated, black
Suspension points	Threaded inserts 2 x M 6 at rear (per speaker)
Warranty	5 years

Model	Order-No.	Version
DL-A 2.2 DSC	1123-0005	Standard version, 700 mm height, pair, black
DL-A 2.2 DSC DANTE	1123-0009	Standard version, 700 mm height, pair, black
<b>Customized version with height on measure</b>		
DL-A 2.2 DSC-900	1123-0006	Height on measure from 700 to 900 mm, black
DL-A 2.2 DSC-900 DANTE	1123-0010	Height on measure from 700 to 900 mm, black
DL-A 2.2 DSC-1200	1123-0007	Height on measure from 900 to 1200 mm, black
DL-A 2.2 DSC-1200 DANTE	1123-0011	Height on measure from 900 to 1200 mm, black
DL-A 2.2 DSC-1600	1123-0008	Height on measure, 1200 to 1600 mm, black
DL-A 2.2 DSC-1600 DANTE	1123-0012	Height on measure, 1200 to 1600 mm, black
Fee DL	1113-0005	Customized version fee DL (one-time charge per display type and order)

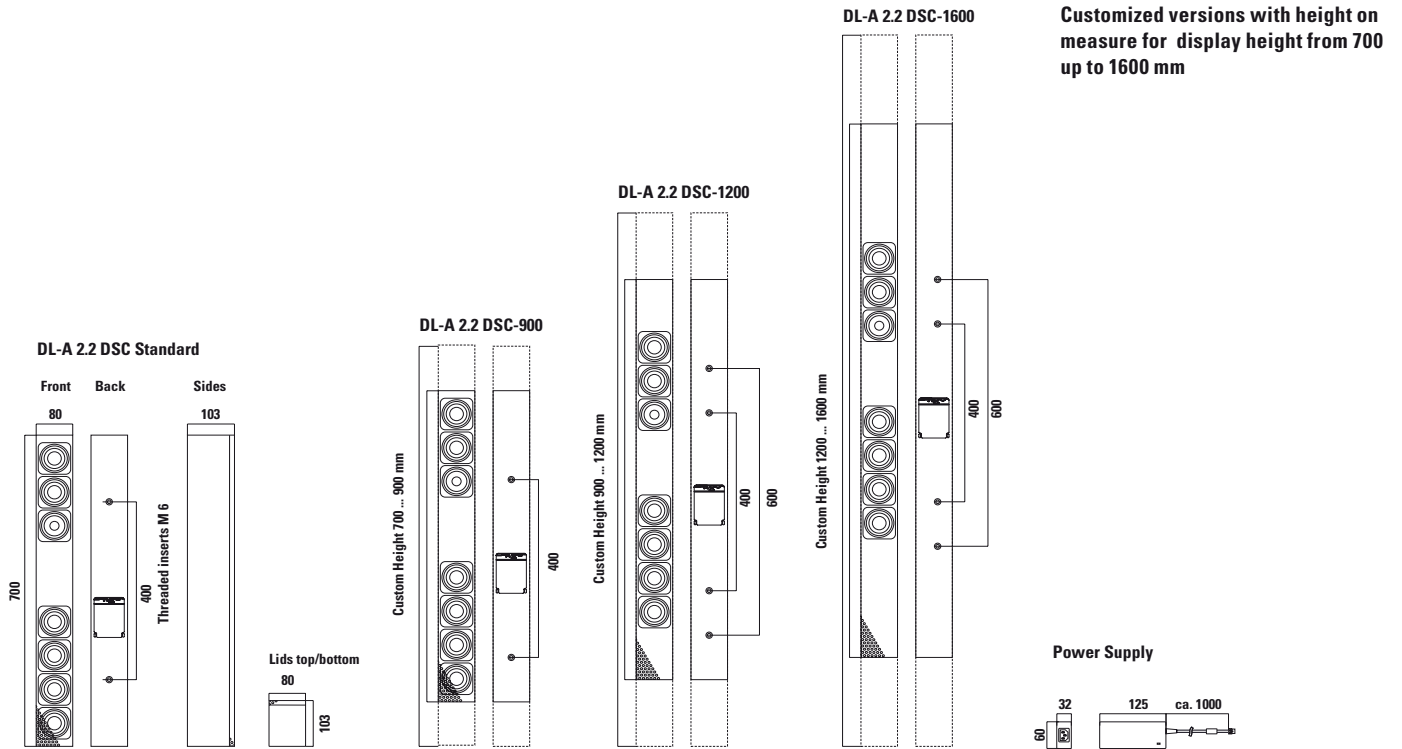
Accessories	Order-No.	Version
<b>VESA mounts for display speakers</b>		
DL-VESA 1150	7111-0006	900 – 1150 mm display width
DL-VESA 1400	7111-0007	1150 – 1400 mm display width
DL-VESA 1650	7111-0008	1400 – 1650 mm display width
DL-VESA 1900	7111-0009	1650 – 1900 mm display width
DL-VESA 2150	7111-0010	1900 – 2150 mm display width
DL-VESA 2400	7111-0011	2150 – 2400 mm display width

Wall-mounts for Display Speakers		
SH 50 wall mount	7110-0004	Pivotable (2 pieces per speaker pair)
WH 80 wall mount	7111-0013	Adjustable to a distance of 35 to 110 mm from the wall, pair (two pairs required per speaker)

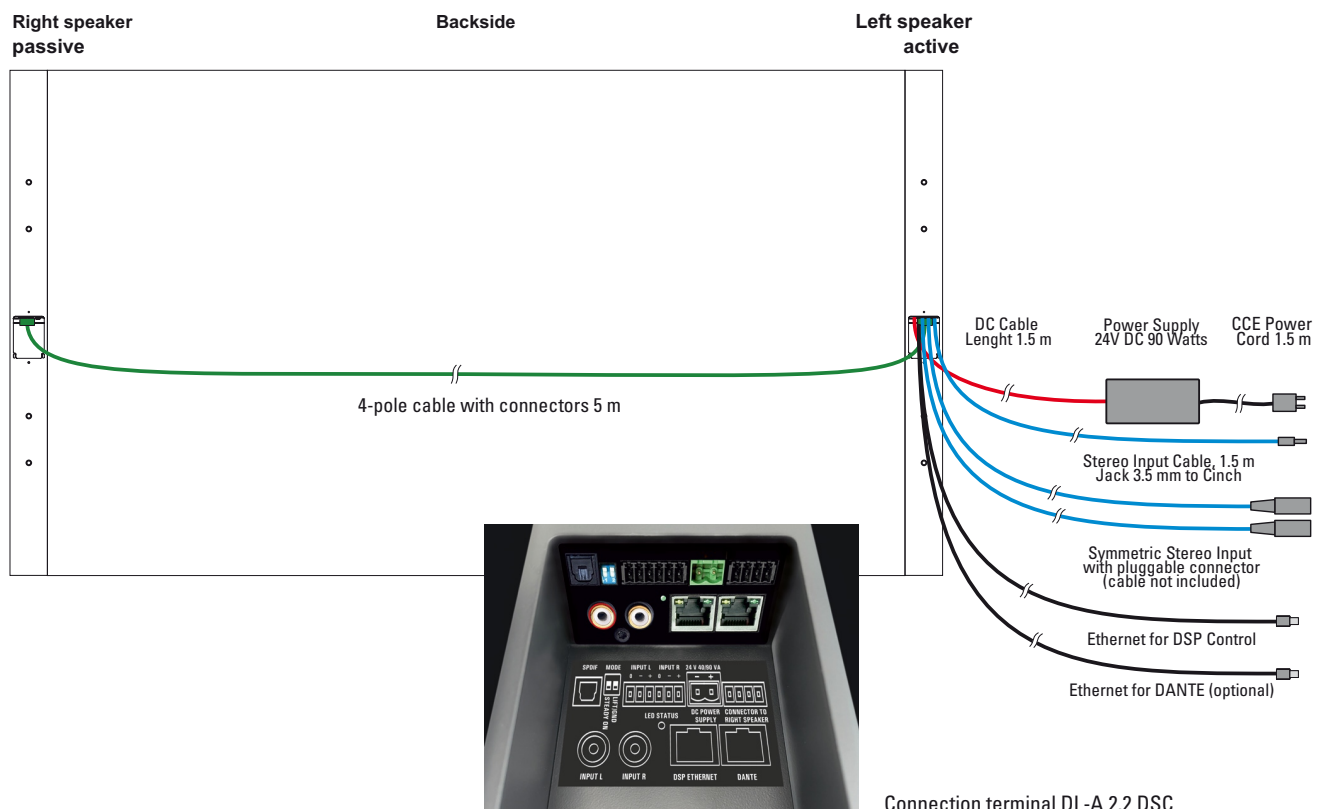
# DL-A 2.2 DSC / DL-A 2.2 DSC DANTE

## Active Stereo Display Speaker Pair with Integrated Subwoofers and DSP

### Dimensions



### Speaker Connection

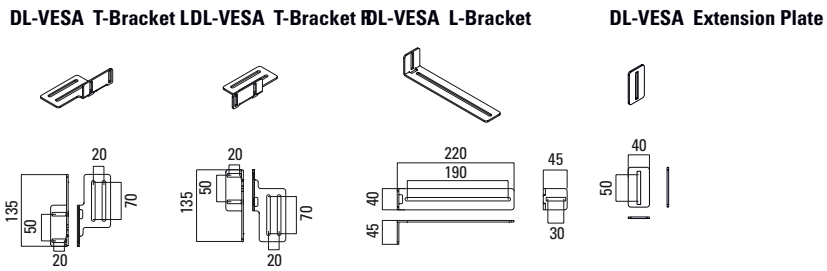
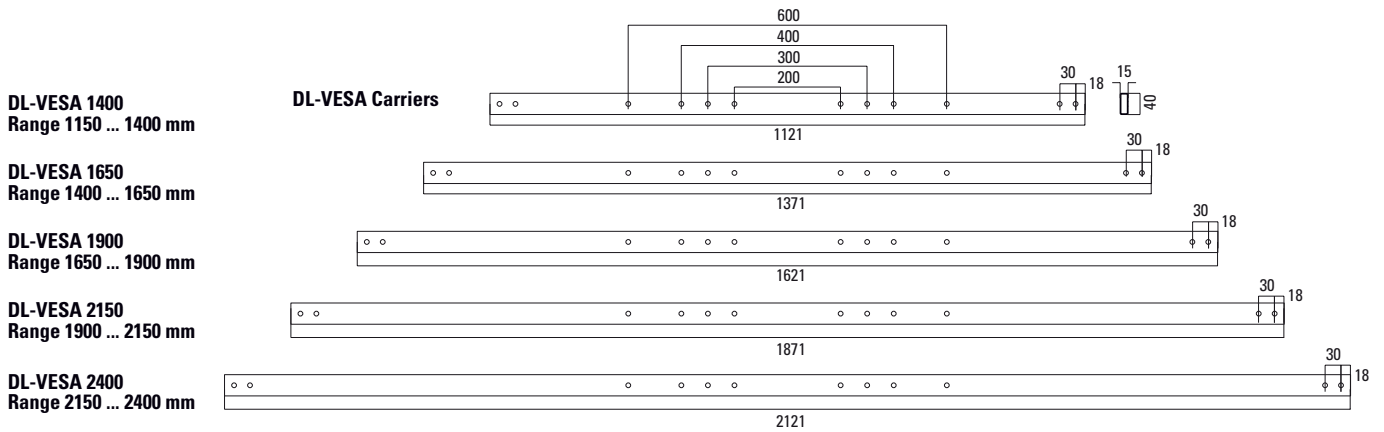


# DL-A 2.2 DSC / DL-A 2.2 DSC DANTE

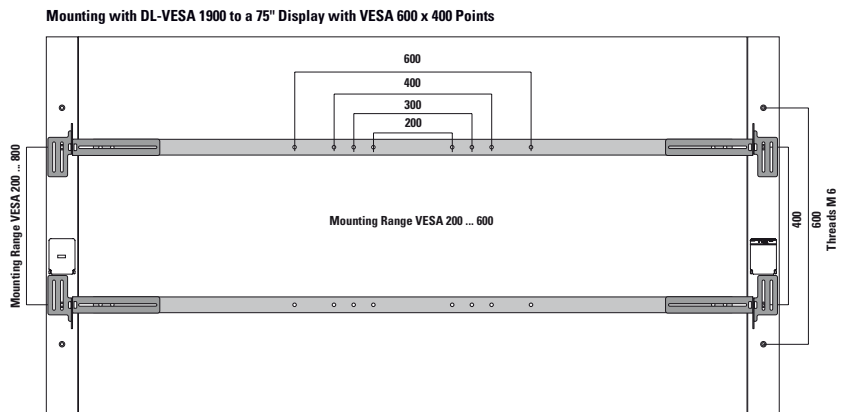
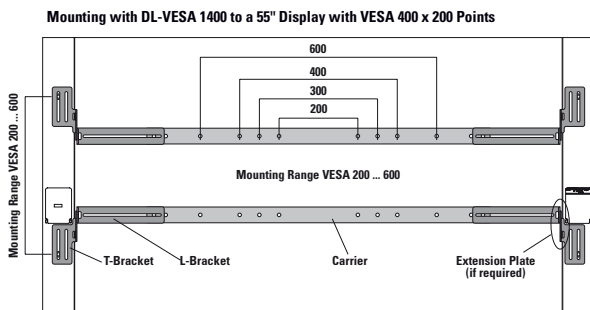
## Active Stereo Display Speaker Pair with Integrated Subwoofers and DSP

### Dimensions: VESA Mounts

**DL-VESA Mounts**  
 (comprise 2 x T-Bracket L, 2 x T-Bracket R, 4 x L-Bracket, 4 x Extension Plate + Screws)



### Mounting



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

## Active Stereo Display Speaker Pair with Integrated Subwoofers and DSP

### LB AUDIO CONTROL

The screenshot displays the LB CONTROL App interface for a DL-A 2.2 DSC device. At the top, it shows 'Audio Control Demo DL-A 2.2 DSC Name: Preset \* Status: Sleep'. The interface is divided into several sections:
 

- Inputs:** Line In sym., SPDIF Optical Input, and DANTE Input, each with an 'Active' checkbox.
- Frequency Response:** A central graph with two vertical sliders for 'Left' and 'Right' channels. The y-axis ranges from -72 dB to +24 dB. Below the graph, 'dB' is set to 0 for both channels, and there are 'Mute' and 'Link' checkboxes.
- DSP:** Two buttons labeled 'DSP L' and 'DSP R'.
- Status:** A speaker icon and a 'Status' checkbox.

 A circular callout on the right side of the interface contains the following text:
 

- LB CONTROL APP**
- Browser-based Software
- Interface: Ethernet
- Windows + Mac OS
- Download: [www.lb-lautsprecher.de](http://www.lb-lautsprecher.de)

The DL-A 2.2 DSC are configured with our browser-based **LB CONTROL App**. Network settings, lock functions, presets and audio settings (parametric EQs, delays, compressor and limiter) can be edited here. (Download on our website)

The DL-A 2.2 DSC can be controlled and monitored via network commands. You can find the list of network commands in the operating instructions for our LB CONTROL App.



**LB CONTROL App**  
Download Software