



stage accompany

Technical specifications L24



Leader L24

In this documentation you will find information about:

- Placement
- Connection
- Active/Passive switch
- Maintenance
- Options
- Dynamic Damping Control™
- Recommendation
- Technical specifications

Placement

The L24 is designed to be placed on the floor, in front of the musician. The L24 cabinet has a twin angle design, making positioning in 2 angles possible; 45 degrees and 60 degrees.

Connection

The L24 has two 4-pole Speakon connectors. If you use the L24 cabinet in 'passive' mode, read the mentions below the connectors. If used in 'active' mode, read the mentions above the connectors (Caution: Incorrect connection when used in 'active' mode can cause damage to the loudspeaker components).

Active/Passive switch

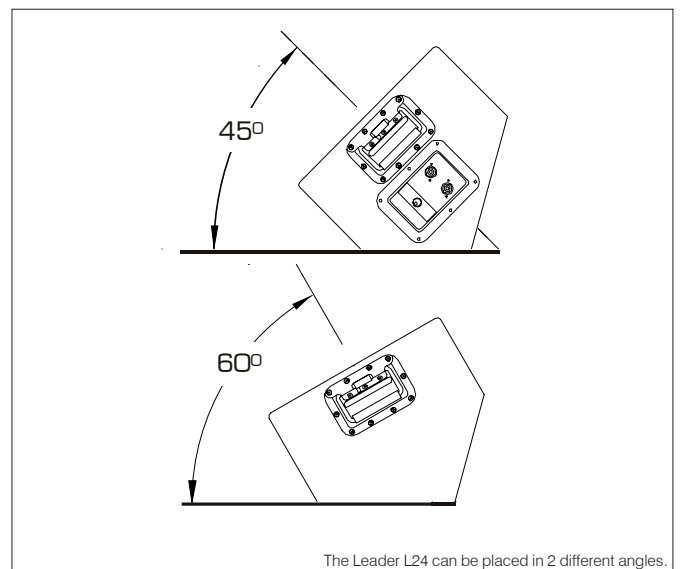
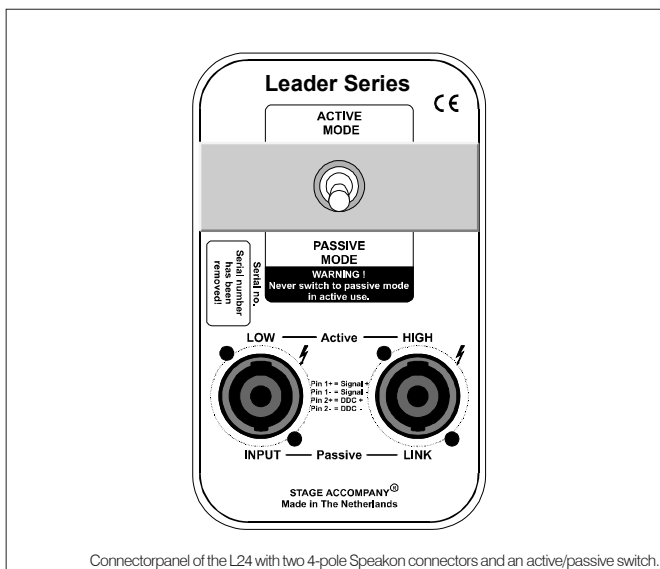
The 'active/passive' switch is located on the connector-panel of the L24 cabinet. This switch is submerged to avoid mistakenly switching of the 'active/passive' mode (Caution: Never switch to another mode when the cabinet is in use!).

Maintenance

Maintenance on the L24, especially on the drivers and filters is best left to official Stage Accompany service personnel. However, cleaning of the housing can easily be done by yourself with a damp, non fluffing cloth.

Options

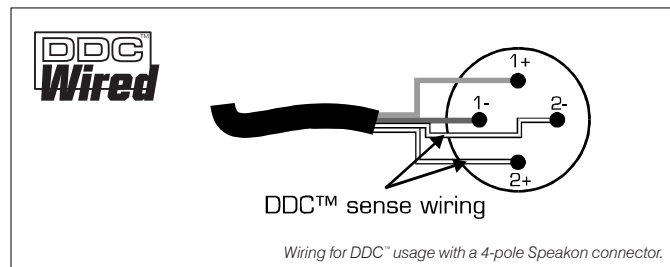
The L24 is standard finished in SA black and is also available in any possible RAL color (Multi Colour Option™). The L24 is available with left and right hand rotated baffle. For road use there is also a flightcase available.



Dynamic Damping Control DDC™

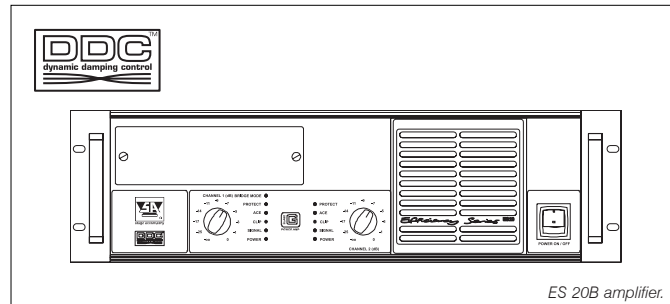
For absolute top quality sound reproduction, the L24 is completely pre wired for Dynamic Damping Control™.

The DDC™ system is based on 2 loudspeaker wires that return from the speaker to the (SA) amplifier. Through these "sense wires" the amplifier can compensate the speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.



Recommendation

To use the L24 we recommend the ES20B power amplifier. This amplifier is standard equipped with DDC™, resulting in a virtually infinite amplifier damping factor at the speaker terminals. To use the DDC™ system with an ES20B amplifier, use Stage Accompany 4-pole LW Speakon cable. The ES20B's Extended Function Network (EFN™) module can provide suitable filtering within the amplifier.

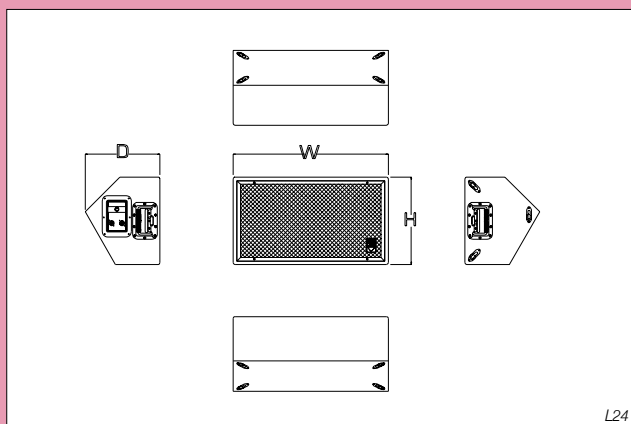


Technical specifications

Passive

Active

Frequency response	: 80 Hz - 30 kHz (+/- 3dB)	
Drivers	: 1 x SA 1202 LF driver, 1 x SA 8535C MF/HF driver	
Cross-over frequency	: 1400 Hz	
Nominal impedance	: 8 Ohm	8 Ohm (LF) 13 Ohm (HF)
Sensitivity @ 1W/1m	: 99 dB	100 dB (LF) 107 dB (HF)
Max. RMS power	: 400 W	400 W (LF) 60 W (HF)
Max. Peak power	: 1000 W	1000 W (LF) 1000W (HF)
SPL program/peak (dB)	: 125/129	126/130 (LF) 125/137 (HF)
Dispersion (2 kHz H x V)	: 70° x 40°	
Color	: SA Black, other colors on request	
Front	: Expanded metal grille + acoustic transparent cloth	
Connectors	: 2 x 4 pole Speakon; 1 x Input, 1 x Link	
Physical dimensions (h x w x d)	: 380 x 673 x 325 mm (15.0 x 26.5 x 12.8 in.)	
Weight	: 29 kg (63 lb)	



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