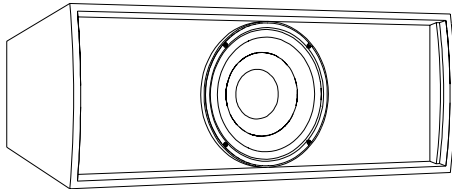




stage accompany

Multi Color Option™

DDC Wired



B12.

Bass B12

In this documentation you will find information about:

- Placement
- Connection
- Maintenance
- Options
- Dynamic Damping Control™
- Recommendations
- Technical specifications

Placement

Mounting of the B12 can be done in three ways. You can fly the B12 by using the small Uni-Rig™ flying system. You can mount it with the E-bracket or with an Omnimount™. If you use the small flying system there must be a space of minimal 7 cm (2.7 in.) between the B12 and the wall. If you don't want to use the mounting options then fill the unused holes in the B12 with the plastic caps.

Maintenance

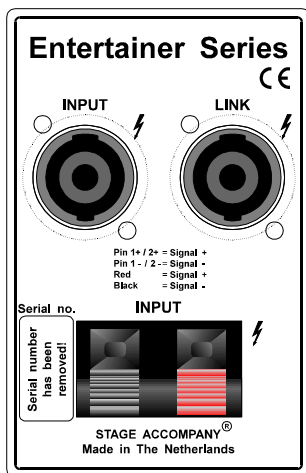
Maintenance on the B12, especially on the driver is best left to official Stage Accompany service personnel. However, cleaning of the housing can easily be done by yourself with a damp, non fluffing cloth.

Connection

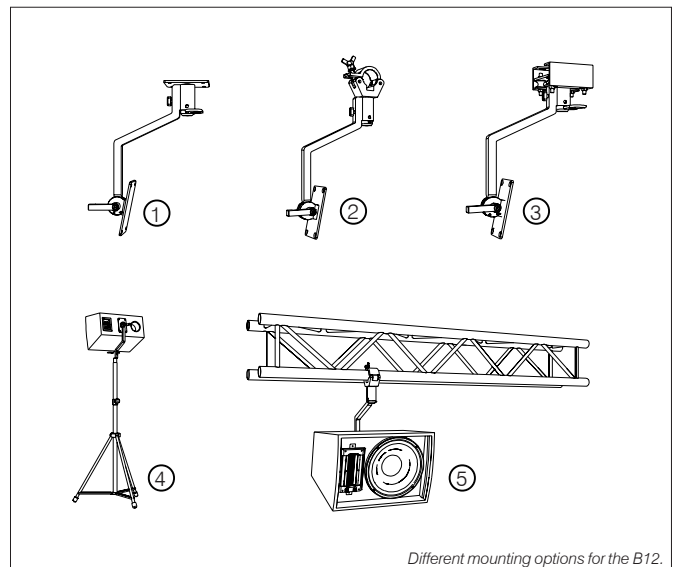
The B12 has two 4-pole Speakon connectors and one spring terminal connector. Connecting can be done in two ways; with a 4-pole Speakon or with the spring terminal connector (for use with loose wires). When using Speakon connectors, be sure that you use the 'Input' socket (see connectorpanel). In case you want to link several B12 cabinets to the same channel, then it is easy to link them by using the 'Link' socket. (Caution: When linking, make sure nominal impedance stays within amplifier specification!). If you are using loose wires then be aware of the right polarity.

Options

The B12 is standard finished in SA Black and is also available in any possible color (Multi Color Option™).



Connectorpanel of the B12 with two 4-pole Speakon connectors and spring terminal.

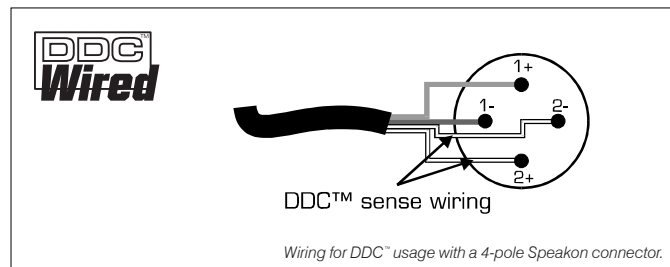


Different mounting options for the B12.

Dynamic Damping Control (DDC™)

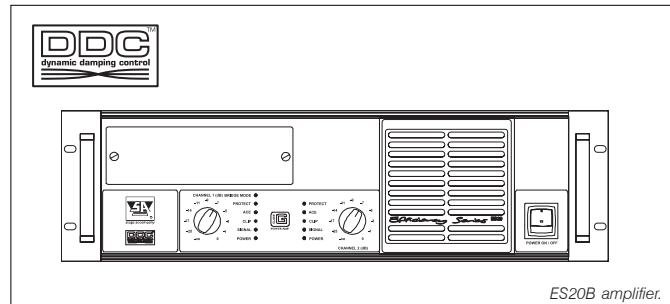
For absolute top quality sound reproduction, the B12 is completely pre wired for Dynamic Damping Control™.

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.



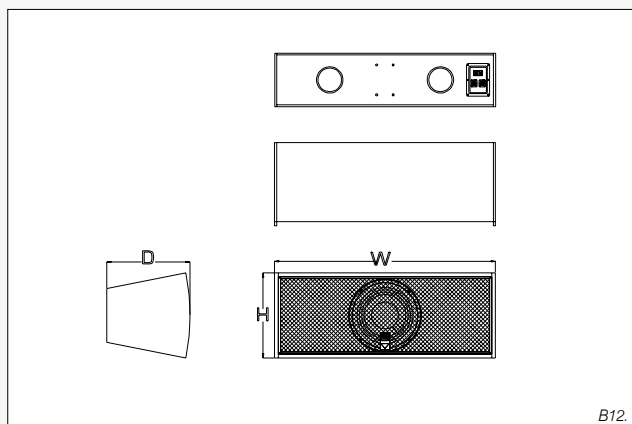
Recommendations

To use the B12 we recommend the ES10 or 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 Efficiency Series amplifier, use Stage Accompany 4-pole LW Speakon cable. The Extended Function Network (EFN™) module can provide suitable filtering within the amplifier.



Technical specifications

Frequency response	: 38 Hz - 100 Hz (+/- 3dB)
Drivers	: 1 x SA 1205 LF driver
Recom. cross-over freq.	: 70 - 100 Hz
Nominal impedance	: 8 Ohm
Sensitivity @ 1W/1m	: 93 dB
Max. RMS power	: 400 W
Max. Peak power	: 1000 W
SPL program/peak (dB)	: 119/123
Dispersion (100 Hz H x V)	: Omni
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, 1 x Spring terminal
Physical dimensions (h x w x d)	: 360 x 938 x 354 mm (14.2 x 36.9 x 13.9 in.)



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