

Ruler RC5

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Description

The RC5 is an ultra-compact coaxial system designed for short throw sound reinforcement applications requiring minimum visual impact.

The RC5 features a 2" Ribbon driver coaxially loaded by a 5" low-mid frequency transducer mounted in a bass-reflex cabinet.

The RC5 is an ideal fill enclosure due to its capability to deliver a high SPL in the MH/HF region and complement larger systems.

In distributed applications, sound designers can take advantage of its wide directivity pattern offering a smooth off-axis response, where most of the audience is located.

Placement

RAL colors allow it to blend into any architecture.

The RC5 can be pole-mounted using the 3/8" microphone-stand insert.

Other deployments such as wall-mounted, ceiling-mounted are quick and easy with the RB5 bracket.

Maintenance

Maintenance on the RC5, especially on the drivers and filters is best left to official Stage Accompany service personnel.

However, cleaning of the cabinet can easily be done by yourself with a damp lint-free cloth.

Connection

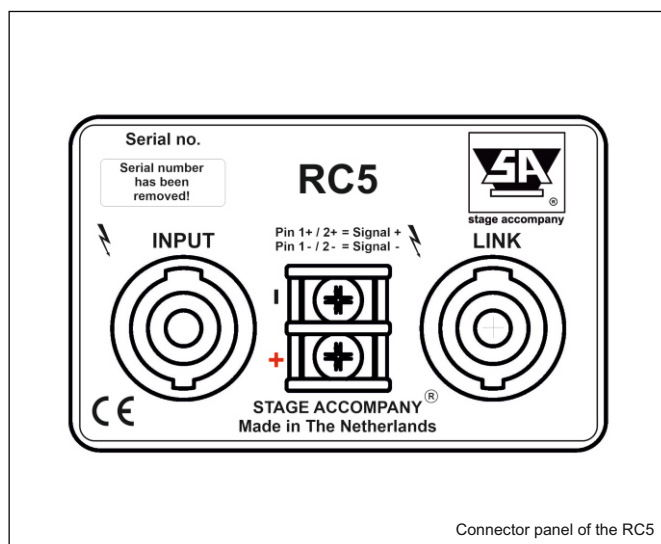
The RC5 has two 4-pole Speakon connectors, and one screw-terminal connector for connecting separate wires.

(Caution: When linking, make sure nominal impedance stays within amplifier specification!).

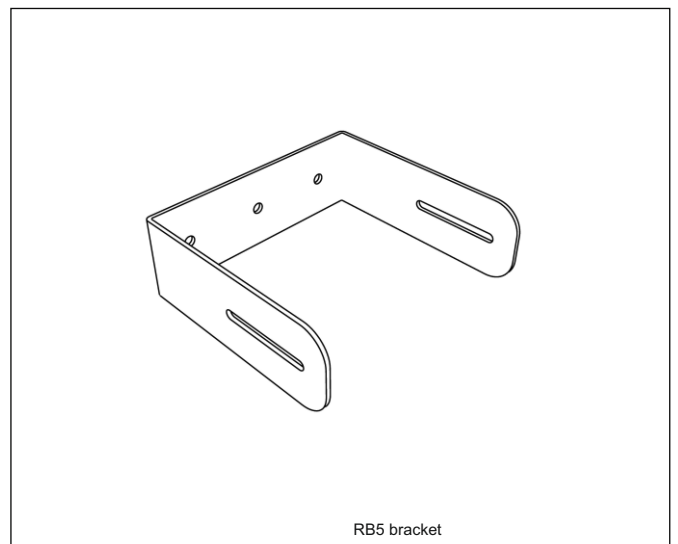
When using the screw-terminal, be aware of the right polarity (see connector panel)

Options

The RC5 is standard finished in Black texture paint, but is also available in any possible RAL color (Multi Color Option™).



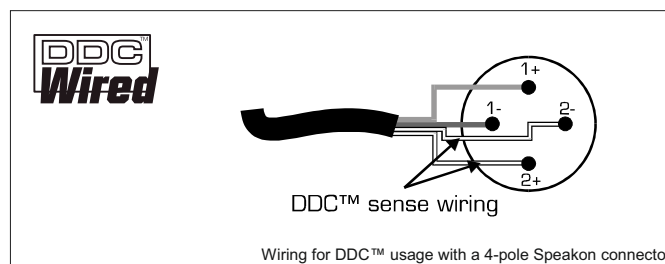
Connector panel of the RC5



RB5 bracket

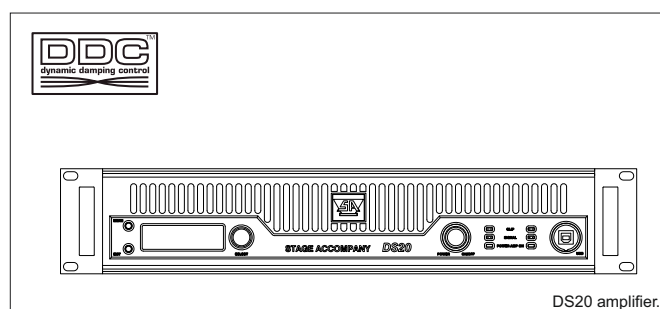
Dynamic Damping Control (DDC™)

For absolute top quality sound reproduction, the RC5 is pre wired for Dynamic Damping control. The DDC system is based on 2 wires (incorporated in the 4 pole Speakon connector and speaker cable) that return from the speakers to the (SA) amplifier. Through these "sense wires" the amplifier measures the signal on the speakers themselves and can compensate the speaker, cable and connector resistance, and thus ensures maximum control over the speaker cone movement.



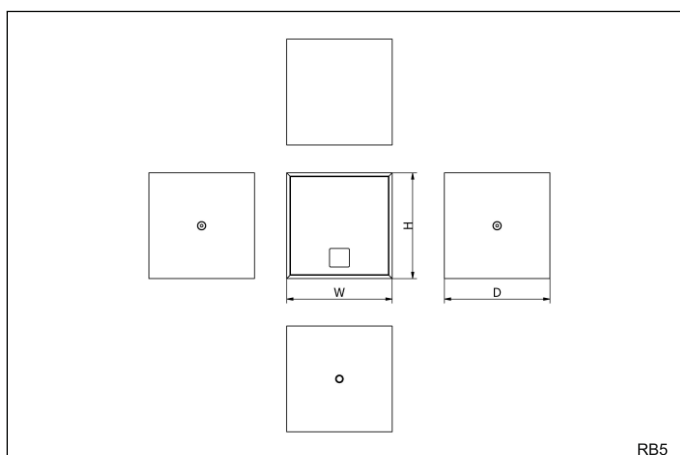
Recommendation

To use the RC5 we recommend the DS Series 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 DS Series amplifier, use SA 4-pole LW Speakon cable. By using a DS series amplifier, dedicated DSP presets can be selected for optimum use of the RC5.



Technical specifications

Frequency response	: 90 Hz - 25 kHz (+/- 3dB)
Drivers	: 1 x SA0544C coaxial driver
Cross-over frequency	: 4000 Hz
Nominal impedance	: 16 Ohm
Sensitivity @ 1W/1m	: 90 dB
Max. Program power	: 100 W
Max. Peak power	: 200 W
SPL program/peak	: 110 dB/113 dB
Dispersion (2 kHz H x V)	: 120° x 60°
Color	: SA Black, other colors on request
Front	: Expanded metal grille + acoustic transparent cloth
Connectors	: 2 x 4-pole Speakon (DDC wired), 1 x screw terminal
Physical dimensions (h x w x d)	: 165 x 165 x 165 mm (6,5 x 6,5 x 6,5 in.)
Weight	: 3,0 kg (6.6 lb)



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