

regal RS3 Loudspeaker

Introduction

Your Regal RS3 loudspeaker has been designed to be effective, easy to use, and above all, to reproduce music.

The RS3 loudspeaker uses Regal's classic RR125 drive unit. This offers excellent damping of cone resonances, resulting in a smooth mid-range response.

The RS3 also benefits from a new single side firing 5" drive unit, which utilises an 8 layer voice coil using copper wire.

This allows us to eradicate any crossover filters for this driver giving the bass seamless integration with the mid range drive unit. Its accurate low frequency combined with a very even, high quality all new Regal designed treble unit generates a well balanced, enjoyable performance.

The result is exceptional timing without compromising any of the mid-range and treble performance for which Regal is renowned.

Siting of the R3

The RS3 loudspeakers use a front firing port allowing them to be placed right up against a wall, if required. The RS3 is suitable for all room environments due to its ease of positioning.

On installation you should experiment with different positions to find the optimum placement. Pay particular attention to the side firing drivers. Different results will be obtained depending on whether the bass units fire inwards or outwards. The RS3 loudspeakers may be used with or without grilles.

Bi-Wiring and Bi-Amping

The drive units in the RS3 have been designed with great care. The crossover needs no additional filter networks to compensate for drive unit problems. Unlike most manufacturers who boast about the complexity of their crossovers, Regal are proud of the simplicity of theirs and we are able to do this because we design and manufacture our own drive units for the exact performance requirement.

Assembly

After unpacking the speakers from the box, fit the spikes to the plinth. Please pay attention to the warning in the spike pack. Ensure that the spikes are secured tightly in the speaker plinth.

Please do not re-tighten the screws on the drive units. They are fitted to a measured torque and over tightening will strip the thread.

The grills are easily removed and applied, we recommend their use to prevent damage and long term build up of dust especially on the high frequency unit.

Plugs and Cables

We recommend using good quality speaker cable such as our own, 'Quattro' or 'SC42' terminated with mechanically sound 4mm plugs.

Very expensive leads claiming to use special materials and technologies are not recommended.

Cable lengths to either speaker must be kept to a similar length. **Never** join cables together to increase their length.

Specifications

Height (without spikes).....	797mm
Depth at plinth.....	246mm
Width at plinth.....	224mm
Weight.....	.9kg
Nominal Impedance.....	6 Ohms
Sensitivity.....	(Approx) 89dB
Bi-wirable/Bi-ampable.....	Yes
Power Handling.....	100w per channel

Power handling figures are quoted as a guide. Amplification between 30w and 500w can be used safely depending on the quality of amplification.