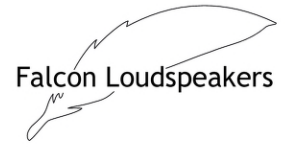




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# FALCON ACOUSTICS REFERENCE SERIES GC6500R



## 21ST CENTURY CONE TECHNOLOGY OUTSTANDING PRECISION & DYNAMICS

- Ultra rigid cone 60% lighter than traditional cones
- Class-leading dynamics from Falcon CGR woofers
- Custom 2" dome midrange and ribbon tweeter
- Precision hand-tooled laminated Italian cabinets
- F1 Grade CNC engineered metal components

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# SPECIFICATION

## FALCON ACOUSTICS REFERENCE GC6500R

Drive Units	<p>3-way vented:</p> <p>2 no. Falcon Acoustics hand-moulded 180mm (7.0") Sonaweave™ Graphene Enhanced Nano-Platelet Composite Cone bass units.</p> <p>Inverse Hypocycloid Wave Guide Loaded 50mm (2") Dome Midrange.</p> <p>Custom Ribbon Tweeter with precision plate loading.</p>
Cabinet	<p>Italian manufactured hand manufactured cabinet with laminated tooled 25mm sides with additional 9mm damping.</p> <p>38mm Alcantara® covered front board, computer profiled for minimal diffraction. Internally, chamfered drive unit apertures to reduce driver compression.</p> <p>18mm reinforced rear panel, Falcon profiled heat sinks and precision tooled back plate.</p> <p>Natural wood banded veneers, smoked glass top.</p> <p>Metal Work all made from precision ground MIC6 Top Grade Aluminium Cast Tool Plate</p>
Crossover	<p>3.2mm Laminated FR4 PCB, gold plated double side 2oz. copper tracking. Precision wound close tolerance Air Core Inductors. Polypropylene Capacitors throughout. 2.5mm TPE Insulation internal wiring.</p>
Freq. response	20Hz-40kHz
Impedance	4 ohms
Sensitivity	90dB/2.83V/m
Power handling	25-300W
Connector	4mm Custom-Designed nickel-plated binding posts
Dimensions (HxWxD)	120 x 25.5 x 40 cms
Weight	70kg each including plinth, 150 kgs per pair shipping weight.