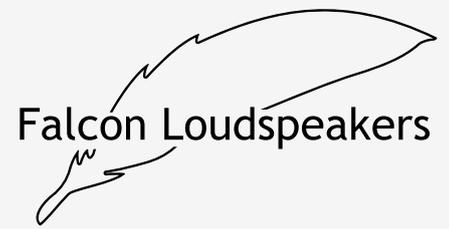


FALCON ACOUSTICS

R.A.M. RANGE

PRODUCT BRIEF



To produce a range of loudspeakers offering traditional values and voicing, including:

- Solid well-built well-damped best quality cabinets, good quality components and finishes
- Voicing to follow Falcon's traditional British/BBC reproduction, especially in midrange
- Floor Stander to be supplied with 'proper' spikes and integrated plinth
- Value for money range that makes music!



CABINETS

Built from premium grade 25mm MDF, damped with traditional bitumen material (9 mm) • Foam lined. No bracing (not necessary) • Finished in wrapped, man-made leather • Interchangeable sides in natural wood veneers or High Gloss Black • 2 mm stainless steel terminal plate (not the usual plastic) • Custom designed engineered Ni-Plated 4 mm binding posts for improved reliability and connection • Offset tweeters on ST20 and ST30 for improved imaging • Stand Mounts ported to rear (ST10), front (ST20), ST30 Floorstander ported to floor through plinth • Detachable grilles secured by Neo. magnets.

Floorstander supplied with heavy-duty 60 mm thick powder-coated integrated metal plinth and 45 mm diameter Stainless Steel spikes (not the usual 6 mm screw thread) designed in-house by Falcon Audio Engineering and CNC ISO9001 engineered to Grade A (Formula 1) standard.

DRIVE UNITS

Proprietary bass units in ST10 and ST20 • OEM bass units in ST30 • Midranges and Tweeters OEM, re-engineered in-house by Falcon Acoustics for smoother response, better controlled roll-off and significantly reduced distortion characteristics.

CROSSOVERS

2nd and 3rd Order, Gold-plated Double-sided heavy track PCB • High Power Ferrite core inductors, electrolytic cap LF, MF/HF film caps throughout • Crossover points: ST10 & ST20 3 kHz; ST30 700 Hz, 3 kHz.

01865 358 001

www.falconloudspeakers.co.uk

UK Distribution:

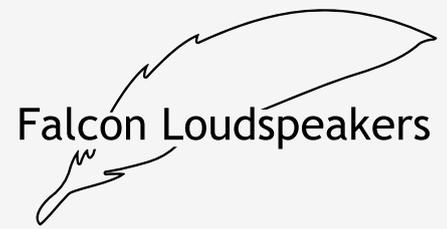
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FALCON ACOUSTICS

R.A.M. RANGE

PRODUCT BRIEF



SPECIFICATIONS R.A.M STUDIO 10

Drive Units:	2-way vented: 150 mm (5") Polypropylene Cone bass unit; 25 mm (1") soft dome tweeter (re-engineered by Falcon)
Frequency response:	35Hz-35kHz
Impedance:	8 ohms
Sensitivity:	87dB / 2.83V / m
Power handling:	15-100 W
Connector:	4 mm Custom-Designed nickel-plated binding posts
Dimensions (H x W x D):	315 x 210 x 280mm (+12 mm for grille and binding posts)
Finish:	Wrapped Black Leather finish. Exchangeable side panels in real wood veneer: Walnut, High Gloss Black, Burr Walnut
Weight:	10kg each, 21.5 kg per pair shipping weight



SPECIFICATIONS R.A.M STUDIO 20

Drive Units:	2-way vented: 170 mm (6") Polypropylene Cone bass unit; 25 mm (1") soft dome tweeter (re-engineered by Falcon)
Frequency response:	30Hz-35kHz
Impedance:	8 ohms
Sensitivity:	87dB / 2.83V / m
Power handling:	15-150 W
Connector:	4 mm Custom-Designed nickel-plated binding posts
Dimensions (H x W x D):	430 x 231 x 266mm (+12 mm for grille and binding posts)
Finish:	Wrapped Black Leather finish. Exchangeable side panels in real wood veneer: Walnut, High Gloss Black, Burr Walnut
Weight:	13kg each, 28 kg per pair shipping weight



SPECIFICATIONS R.A.M STUDIO 30

Drive Units:	3-way vented: 2 no. custom OEM 170mm (6") Polypropylene Cone bass units (exclusive to Falcon Acoustics); 50mm (2") Dome Midrange (re-engineered by Falcon); 25mm (1") soft dome tweeter (re-engineered by Falcon);
Frequency response:	20Hz-35kHz
Impedance:	8 ohms
Sensitivity:	89dB / 2.83V / m
Power handling:	15-250 W
Connector:	4 mm Custom-Designed nickel-plated binding posts
Dimensions (H x W x D):	1,100 x 215 x 300mm (+12 mm for grille and binding posts) incl 60 mm Plinth & Premium Falcon Audio Engineering CNC Spikes
Finish:	Wrapped Black Leather finish. Exchangeable side panels in real wood veneer: Walnut, High Gloss Black, Burr Walnut
Weight:	35kg each, 74 kg per pair shipping weight. 15 kg Plinth x 2



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