

CR3

CRYSTAL LOUDSPEAKERS



Wharfedale

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Accuracy and balance in sound reproduction are just two of the most important factors good hi fi equipment should possess. And Wharfedale, true to its commitment to continuously develop new technology and raise standards in loudspeaker development, has created an entry level loudspeaker series that can accurately reproduce a balanced and natural sound - the new Crystal 3 Series.

Performance which does not over-emphasize any particular musical instrument but is capable of reproducing clear, fluid sound in its most natural form best describes the Crystal 3 Series. These loudspeakers are built with a trapezoidal enclosure which disrupts the formation of regular standing waves inside the cabinet resulting in less 'boom' or muddled bass. The precision machined curved front enhances the dispersion from the drive units ensuring that sound is spread throughout the room so that listeners can appreciate the musical qualities of the Crystal 3 loudspeakers no matter where they are seated.

Crystal 3 Series' bass-midrange units utilise natural fibre cones made in the Wharfedale factory to a precise formula and are surface treated to enhance midrange clarity. At each cone's center is a phase plug that improves high frequency response and ensures seamless transfer of sound through the crossover region to the treble unit. Here high frequencies are output by a micro-fine textile dome located in the smooth curve of the front baffle with a profile specially matched to ensure accurate and extended frequency response beyond the limits of audibility. The resulting sonic output is smooth yet brightly detailed allowing you to hear the finesse of the rich overtones of instruments and vocals in a highly realistic fashion.

These drivers are combined seamlessly by a technologically advanced crossover using the expertise of the dedicated team of Wharfedale audio engineers. You won't hear this crossover but you'll experience the results as music flows from the speakers without obstruction filling your room with exciting and vibrant musical performances.

Specifications

Loudspeakers



Model	CR-30.1	CR-30.2	CR-30.3	CR-30.4	CR-30.5
Transducer Complement	2-way	2-way	2-way	2-way	2.5-way
Format	bookshelf	bookshelf	bookshelf	floorstand	floorstand
Bass Driver	4" 100mm	5"130mm	6.5"170mm	6.5"170mm	6.5"170mm
Bass/Mid Driver				6.5"170mm Radiator	6.5"170mm
Tweeter	25mm tex	25mm tex	25mm tex	25mm tex	25mm tex
Power Handling	25 - 100w	25 - 125w	25 - 150w	25 - 150w	25 - 200w
A/V Shield	no	no	no	no	no
Nominal Impedance	6 Ohms	6 Ohms	6 Ohms	6 Ohms	6 Ohms
Sensitivity (2.83V @ 1M)	85 dB	86 dB	88 dB	87 dB	88 dB
Frequency Range at -6 dB	75 Hz - 24 kHz	60 Hz - 24 kHz	50 Hz - 24kHz	45 Hz - 24 kHz	40 Hz - 24 kHz
Cabinet Size (mm)					
H	220	300	350	830	970
W	141	180	205	205	205
D	147	212	240	240	240
Height on plinth				866	1006

Loudspeakers



Model	CR-30C
Transducer Complement	2-way
Format	centre
Bass Driver	5"130mm x 2
Bass/Mid Driver	
Tweeter	25mm tex
Power Handling	25 - 125w
A/V Shield	yes
Nominal Impedance	6 Ohms
Sensitivity (2.83V @ 1M)	86 dB
Frequency Range at -6 dB	70 Hz - 24kHz
Cabinet Size (mm)	
H	172
W	415
D	172

FINISHES



Wharfedale

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