

JBL

650c & 525c Coaxial Ceiling Speakers

Key Features

- Two-way coaxial design for wide-range music reproduction
- New encapsulated crossover circuit for long-term reliability
- High power handling for today's music and movie sound tracks
- Radial grille, white acoustical blanket create subtle, sophisticated styling

Product Description

The JBL 650c and 525c two-way ceiling speakers were developed to meet the critical demands of most environments, with clarity and power handling that complement today's digital sources. Durable and high in performance, they're ideal for applications in which a subtle yet attractive appearance is desired. Incorporating many of JBL's latest and best technologies, the 650c and 525c provide full-frequency sound, accurate voicing, even dispersion and deep, tight bass. Each features a polypropylene woofer, a tweeter of polymer-titanium composite for smooth treble response, and a new crossover network for greater overall clarity.

The characteristics of the woofer's polypropylene cone material make it perfect for use in a ceiling speaker. With its low mass and acoustical transparency, it won't alter the nature or quality of the signal. Accordingly, the 650c and 525c provide the deepest bass reproduction possible.



The polymer-titanium composite tweeter employed in the 650c and 525c ensures the optimal dispersion of treble frequencies.

The new crossover network designed for the 650c and 525c two-way speakers employs audiophile-grade components throughout, and is encapsulated within the tweeter's mounting post for trouble-free operation. All this ensures the realism demanded of today's most demanding music sources.

The 650c and 525c are styled to complement today's interior motifs and listening environments. With their integrated mounting brackets they install readily in new or existing construction, and their radial grilles and white acoustical blankets hide the speaker components from view.

525c I.D. = 6 1/2"

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Specifications:



SYSTEM	650c	525c
Frequency Range (-10 dB):	45 Hz to 22kHz	55 Hz to 22 kHz
Power Rating:	70 watts	60 watts
Sensitivity:	90 dB	88 dB
Nominal Impedance:	4 ohms	4 ohms
Crossover Frequency:	5 kHz	5 kHz
LOW-FREQUENCY TRANSDUCER		
Nominal Diameter & Material:	165 mm (6.5 in.) polypropylene cone	133 mm (5.25 in.) polypropylene cone
Voice Coil:	25.01 mm (1.0 in.)	25 mm (1.0 in.)
Magnetic Assembly Weight:	10 oz.	10 oz.
HIGH-FREQUENCY TRANSDUCER		
Nominal Diameter & Material:	13 mm (0.5 in.) polymer-titanium composite	13 mm (0.5 in.) polymer-titanium composite
Voice Coil:	13 mm (0.5 in.)	13 mm (0.5 in.)
Magnetic Assembly Weight:	1 oz.	1 oz.
GENERAL		
Outside Dimensions:	230 mm (9.06 in.) diameter	205 mm (8.07 in.) diameter
Input Connectors:	Spring-loaded push-in terminals	Spring-loaded push-in terminals
Mounting Hardware:	Included	Included

JBL continually engages in research related to product improvement. New materials, production methods and design refinements are introduced into existing products without notice as a routine expression of that philosophy. For this reason, any current JBL product may differ in some respect from its published description but will always equal or exceed the original design specifications unless otherwise stated.



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