



JBL STUDIO 520C

Dual 4" Center Channel Loudspeaker with High-Frequency Compression Driver in a Horn and Classic JBL® Bass

The Studio 520C center channel speaker shares a critical design characteristic with the massive JBL® Professional loudspeakers you hear movie theaters and concert venues, as well as with our most advanced residential speaker systems – a controlled-directivity compression drivers in a horn that delivers delicate high-frequency sound and live music experience to your ears with minimum interaction with walls and furniture. Designed by JBL chief engineer Greg Timbers, who also developed the acclaimed Everest DD6000, K2 and Project Array systems, the 520C features a 1-inch (25mm) HF compression driver and Bi-Radial horn with dual 4-inch (100mm) cast-frame Symmetrical Field Geometry (SFG) woofers for crisp movie dialogue and effects with dynamic realism and dimensional accuracy that closely duplicates the experience of a live performance. Engineered and voice matched to other speakers in the JBL Studio 5 Series, the Studio 520c center channel systems is powerful, accurate and styled to make a dramatic design statement in any listening environment.

TECHNICAL SPECIFICATIONS

Low-frequency transducers:	Two 4" (100mm) PolyPlas™ cone with SFG magnet structures, cast frames and rubber surrounds, magnetically shielded
High-frequency transducer:	1" (25mm) compression driver with neodymium magnet and one-piece Teonex® diaphragm on a glass-filled ABS Bi-Radial® horn, magnetically shielded
Recommended amplifier power:	150 watts
Frequency response:	60Hz – 40kHz (-6dB)
Nominal impedance:	6 ohms
Sensitivity (2.83V/1m):	88dB
Crossover frequencies:	1.5kHz
Enclosure type:	Ported
Connector type:	Dual gold-plated binding posts (bi-wire-capable)
Available finishes:	Black or cherry
Dimensions (H x W x D):	6-3/4" x 21-7/8" x 6-5/8" (172mm x 555mm x 168mm)
Weight:	16.6 lb (7.5kg)

Finishes:



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HIGHLIGHTS

Dual 4" (100mm) Low-Frequency Transducers

- Stiff, lightweight ribbed PolyPlas cones with rubber surrounds
- 1"-Diameter Woofer Voice Coils
- Heavy-duty magnet assemblies with Symmetrical Field Geometry (SFG) technology
- Rigid, non-resonant cast aluminum frames
- Clean, powerful bass response at all listening levels

1" (25mm) High-Frequency Compression Driver

- One-piece Teonex® diaphragm/surround with 1" voice coil
- Significantly lower distortion and greater dynamic range than conventional midrange and HF drivers

Glass-filled ABS Bi-Radial High-Frequency Horn

- Controlled directivity at ear level of seated listeners minimizes unwanted HF interaction with walls and furniture
- Cleaner, more realistic HF sound over a wider listening area

5/8" (16mm) MDF Enclosure

- Rigid, heavily-braced design with non-parallel surfaces reduces unwanted resonances

Low loss, 2-way crossover network

- Smoothes transition between woofers and HF compression driver/horn
- Reduced distortion and coloration for improved sonic clarity

Exclusive Design

- Dynamic, one-of-a-kind look

KEY FEATURES

- Rear-facing bass port increases output and extends bass response
- Dual gold-plated binding posts with bi-wire capability increases connection options
- Available in black or cherry finishes



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