



JBL STUDIO 530

5-1/4" Bookshelf Loudspeaker with High-Frequency Compression Driver in a Horn and Classic JBL® Bass

The most advanced JBL® residential loudspeaker systems, including Everest DD66000, K2 and Project Array, share one key design characteristic with the massive JBL Professional systems you hear in premier movie houses and concert venues. All employ constant-directivity compression drivers in a horn to deliver the high-impact dynamics and dimensional realism that large audiences and critical listeners demand. Now JBL Studio 5 Series speakers, designed by renowned JBL chief engineer Greg Timbers, continue this performance-proven tradition. The JBL Studio 530 bookshelf loudspeaker combines a 1-inch (25mm) HF compression driver and Bi-Radial® horn with 5-1/4-inch (130mm) cast-frame Symmetrical Field Geometry (SFG) woofer to deliver extraordinarily lifelike performance. Ideal for both music and movie systems, the Studio 530 system is powerful, accurate and styled to make a dramatic design statement in any listening environment.

TECHNICAL SPECIFICATIONS

Low-frequency transducer:	5-1/4" (130mm) PolyPlas™ cone with SFG magnet structure, cast frame and rubber surround, 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:	125 watts
Frequency response:	45Hz – 40kHz (-6dB)
Nominal impedance:	6 ohms
Sensitivity (2.83V/1m):	86dB
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):	18-3/8" x 8-7/16" x 8-3/4" (467mm x 214mm x 222mm)
Weight:	17 lb (7.7kg)

Finishes:



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HIGHLIGHTS

5-1/4" (130mm) Low-Frequency Transducer

- Stiff, lightweight ribbed PolyPlas cones with rubber surround
- 1-1/2"-diameter woofer voice coils
- Heavy-duty magnet assemblies with Symmetrical Field Geometry (SFG) technology
- Rigid, non-resonant cast aluminum frame
- 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

3/4" (19mm) MDF Enclosure

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

Low loss, 2-way crossover network

- Smooths 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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