305P MkIII

Powered 5" Studio Monitor

SPEC SHEET



Highlights

New High-Performance HF Driver
New silk dome tweeter delivers accurate high-mid detail and smooth response extending to 38 kHz.

Patented Image Control Waveguide
JBL's patented waveguide delivers precise imaging and consistent 120° × 90° coverage.

New Low-Frequency Driver
Redesigned woofer delivers higher output, lower distortion, and controlled bass down to 45 Hz.

Patented Slipstream™ Port
Double-flared Slipstream™ port reduces turbulence for clean, efficient bass at all levels.

Corrective EQ
81 customized presets to compensate for any acoustic environment.

High-Efficiency Class D Amplification
Bi-amplified 86-watt Class D amplification delivers ultra-low noise and up to 109 dB peak SPL.

Key Messages

Professional Monitoring Built for Modern Production
JBL 305P MkIII delivers the next generation of JBL professional studio monitoring, combining newly engineered HF and LF drivers, patented acoustic technologies, intelligent DSP room tuning, and ultra-low-noise Class D amplification into a compact reference monitor designed for today's music creators, engineers, and content producers. With a frequency response extending down to 45 Hz (-10 dB) and up to 38 kHz, wide 120° x 90° coverage, and peak output of 109 dB SPL, 305P MkIII provides the accuracy, dynamics, and confidence needed to create mixes that translate everywhere.

Best-in-Class Acoustics
The completely redesigned acoustic platform combines a new high-performance silk dome tweeter, advanced low-frequency driver, JBL's patented Image Control Waveguide, and patented Slipstream™ port to deliver exceptional clarity, precise imaging, extended low-frequency performance, and remarkably consistent off-axis response. Whether mixing at the sweet spot or collaborating across the room, 305P MkIII produces an accurate stereo image and natural tonal balance that help every mix translate with confidence.

DSP Room Optimization
Every room is different. Four onboard DSP controls allow users to quickly optimize monitor performance for desktop, stand, or wall placement while adjusting boundary compensation and high- and low-frequency response. With 81 configurable room tuning combinations, 305P MkIII adapts easily to home studios, professional control rooms, edit suites, and immersive production environments.

Powerful, Low-Noise Performance
A newly designed bi-amplified 86-watt Class D amplifier system (43 W LF + 43 W HF) delivers impressive output, wide dynamic range, and ultra-low self-noise for professional monitoring at any listening level. Capable of producing up to 109 dB peak SPL, the system maintains exceptional clarity during critical mixing while providing ample headroom for demanding production sessions.

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Specifications

LF DRIVER SIZE:	127mm (5")
HF DRIVER SIZE:	25mm (1")
HF DRIVER TYPE:	Soft dome
CROSSOVER:	2160Hz
OK FOR USE NEAR MAGNETICALLY SENSITIVE EQUIPMENT:	Yes
INPUT SENSITIVITY (-10dBV INPUT):	92dB / 1m
POWER CONFIGURATION:	Bi-amplified
HF DRIVER POWER AMP:	43W, Class-D
LF DRIVER POWER AMP:	43W, Class-D
FREQUENCY RESPONSE (±3dB):	55Hz – 27kHz
FREQUENCY RANGE (-10DB):	45Hz – 38kHz
LOW FREQUENCY EXTENSION (-10dB):	45Hz
MAXIMUM RMS SPL:	97dB
MAXIMUM PEAK SPL:	109dB
MAXIMUM PEAK INPUT LEVEL (-10dBV / +4dBu):	+7dBV / +21dBu
SYSTEM DISTORTION CRITERIA:	<10% THD at maximum output with full compressor / limiter engagement
ELECTRICAL DISTORTION CRITERIA:	<0.1% THD @ 1W output, <1% THD @ full rated output
SAMPLE RATE	192kHz

INPUT IMPEDANCE	20kΩ
SIGNAL TO NOISE RATIO:	83dB, A-Weighted, relative to 1W output
COVERAGE HORIZONTAL x VERTICAL:	120° x 90°
ANALOG INPUT TYPES:	1 x Neutrik Combo, balanced
HF ADJUST	@ 3kHz high shelf: -2dB, 0dB, +2dB
LF ADJUST	@ 300Hz low shelf: -2dB, 0dB, +2dB
AC INPUT VOLTAGE:	100-240VAC (+/- 10%), 50/60Hz
ENCLOSURE TYPE:	Ported
ENCLOSURE CONSTRUCTION:	15mm MDF
ENCLOSURE FINISH:	Matte black PVC
BAFFLE CONSTRUCTION:	Injection-molded structural ABS, UL 94 V-0
REAR PANEL CONSTRUCTION:	2mm SPCC
MOUINTING POINTS:	M4 x 8 (4 on top, 4 on bottom), 75 x 75 mm VESA pattern
CABINET DIMENSIONS: (H x W x D):**	320 x 175 x 250 mm (12.6 x 6.9 x 9.8 inch)
NET WEIGHT:	5.3 kg (11.7 lbs)
SHIPPING GROSS WEIGHT:	7.3 kg (16.0 lbs)
UPC CODE:	691991042034

** Depth measured without power cord and audio connectors.

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