306P MkIII

Powered 6" 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 6.5-inch Low-Frequency Driver
Redesigned 6.5-inch woofer delivers higher output, lower distortion, and controlled bass down to 43 Hz.

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

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

High-Efficiency Class D Amplification
Bi-amplified 110-watt Class D amplification delivers wide dynamic range, ultra-low noise, and up to 112 dB peak SPL.

Key Messages

Professional Monitoring for Growing Production Spaces
JBL 306P MkIII combines JBL's next-generation acoustic platform with increased output capability, deeper low-frequency performance, and intelligent DSP room optimization to deliver trusted reference monitoring for music production, content creation, post-production, and immersive audio workflows. With low-frequency extension to 43Hz (-10 dB), 112 dB peak SPL, and wide 120° × 90° coverage, 306P MkIII delivers the headroom, accuracy, and dynamic range required for larger rooms and more demanding productions.

Best-in-Class Acoustics
The redesigned acoustic platform combines a new high-performance silk dome tweeter, advanced 6.5-inch low-frequency driver, JBL's patented Image Control Waveguide, and patented Slipstream™ port to deliver exceptional clarity, controlled low-frequency response, and remarkably accurate stereo imaging. Whether mixing music, editing content, or producing immersive audio, 306P MkIII provides the detail and consistency needed to make confident mix decisions.

Intelligent DSP Room Optimization
Professional monitoring begins with adapting to the room. Four onboard DSP controls provide fast optimization for desktop, stand, or wall placement while allowing users to fine-tune boundary compensation and high- and low-frequency response. With 81 configurable room tuning combinations, 306P MkIII delivers consistent performance across home studios, professional control rooms, and production suites.

High Output. Low Noise.
A newly designed bi-amplified 110-watt Class D amplifier system (55 W LF + 55 W HF) delivers exceptional dynamic range, ultra-low self-noise, and outstanding transient performance. Capable of producing 112 dB peak SPL, 306P MkIII provides the output and headroom needed for accurate monitoring while maintaining the detail and precision demanded by today's creators.

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Specifications

LF DRIVER SIZE:	165mm (6.5")
HF DRIVER SIZE:	25mm (1")
HF DRIVER TYPE:	Soft dome
CROSSOVER:	2040Hz
OK FOR USE NEAR MAGNETICALLY SENSITIVE EQUIPMENT:	Yes
INPUT SENSITIVITY (-10dBV INPUT):	92dB / 1m
POWER CONFIGURATION:	Bi-amplified
HF DRIVER POWER AMP:	55W, Class-D
LF DRIVER POWER AMP:	55W, Class-D
FREQUENCY RESPONSE (±3dB):	52Hz - 27kHz
FREQUENCY RANGE (-10DB):	43Hz - 38kHz
LOW FREQUENCY EXTENSION (-10dB):	43Hz
MAXIMUM RMS SPL:	100dB
MAXIMUM PEAK SPL:	112dB
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):**	370 x 210 x 290 mm (14.6 x 8.3 x 11.4 inch)
NET WEIGHT:	6.7 kg (14.8 lbs)
SHIPPING GROSS WEIGHT:	9.4 kg (20.6 lbs)
UPC CODE:	691991041990

** Depth measured without power cord and audio connectors.

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