

4281F

Professional High-Power Cinema Subwoofer



HIGHLIGHTS ■

Premium JBL Sound & Design

Professional JBL performance in a cost-effective package, with high SPL capabilities and a shallow depth profile

Easy & Versatile Deployment

Easily accessible binding post connectors and built-in rigging points for wall mounting

Complete Cinema Solution

Combine with the Crown XLC amplifiers, JBL CPi2000 processor and other Cinema Expansion Series speakers for a fully integrated HARMAN cinema audio solution

The JBL 4281F cinema subwoofer, part of the JBL Cinema Expansion Series, delivers fidelity and performance synonymous with the JBL name at a competitive price point for cost-conscious theater owners seeking to offer a premium sound experience.

The 1,600-watt 4281F delivers room-shaking low end for a variety of cinema configurations, including Dolby Atmos and DTS:X installations. The 4281F works seamlessly with the entire JBL Cinema Expansion Series, which includes two 3-way screen speakers and a surround speaker.

Combine Cinema Expansion Series speakers with the JBL CPi2000 cinema processor and Crown XLC Series amps to build a fully integrated JBL cinema sound solution.

KEY MESSAGES ■

PREMIUM SOUND WITHOUT THE PREMIUM PRICE

With the Cinema Expansion Series, it's never been easier to step into the stunning sound of a JBL cinema system. The Cinema Expansion Series 4281F subwoofer is engineered and built to the same standards of all other JBL cinema products, providing powerful, punchy low-end coverage in the 30–500 Hz range; pair them with Cinema Expansion Series 3153 and 4253 screen speakers and 8102 surrounds for a complete solution.

ROCK-SOLID AND RELIABLE

Trust JBL Cinema Expansion Series speakers and subs to provide peak performance throughout the life of your investment: Systems are designed for superior overall efficiency; transducer-protection circuitry ensures long-term stability.

DEPLOY WITH EASE, ANY WAY YOU PLEASE

The Cinema Expansion Series is designed for streamlined system setup and operation in a range of configurations. 4281F subwoofers operate in 4-ohm mode, enabling them to be driven with Crown XLC Series amps. The 4281F's 4-pin connectors allow driving the two transducers separately (discrete mode) or together (parallel mode). Hardware is engineered for maximum versatility, with enclosure-top input terminals and binding-post connectors.

BUILD AN INTEGRATED SOUND SYSTEM

Complete your JBL cinema sound system with the JBL CPi2000 cinema processor, which provides audio enhancement including DSP, room EQ tuning, volume control and system fault detection. The CPi2000 features Cinema Expansion Series speaker presets for better sound and performance and easier deployment, and can send amplifier and speaker status to a central TMS (Theater Management System) control system.

IN THE BOX ■

4281F Subwoofer Enclosure

4281F

Professional High-Power Cinema Subwoofer



APPLICATIONS ■

CINEMA THEATERS

Small- to medium-sized (80-150-seat) cinema theaters

FEATURES ■

- Shallow 14.97-inch (355 mm) depth saves space behind screens
- Connectors are mounted on enclosure top to preserve minimum depth
- Built-in rigging points facilitate wall mounting for immersive sound installations such as Dolby Atmos and DTS:X
- Binding-post input connectors are consistent with other JBL cinema speakers and easy to wire
- 4-pin connectors allow driving the two transducers separately (discrete mode) or together (parallel mode)
- Dual 18-inch transducers deliver higher output and superior bass extension
- Footprint matches both the JBL 3153 and 4253 screen speakers and the C200 Series cinema speakers to build complete system solutions
- 1,600W rated power
- 4-ohm impedance in parallel mode; can be driven with Crown XLC Series amps
- 139 dB peak SPL
- Frequency range: 30 Hz–500 Hz (-10 dB)

TECHNICAL SPECIFICATIONS ■

SYSTEM TYPE:	Subwoofer
FREQUENCY RANGE (-10 dB):	30 Hz–500 Hz
SYSTEM IMPEDANCE:	Parallel mode: 4Ω Discrete mode: 8Ω x 2
SYSTEM POWER:	1,600W continuous
SENSITIVITY (4 PI):	98 dB
MAX PEAK SPL (2 PI):	139 dB
TRANSDUCERS:	2 x 18"
COMPLIANCE:	CE
MATERIAL:	MDF
COLOR/FINISH:	Matte black, vinyl
CONNECTORS:	Binding post
RIGGING SYSTEM:	Four rigging points for hanging
WEIGHT:	79.2 kg (174.61 lb)
DIMENSIONS (D x W x H):	355 x 1454 x 933 mm (13.98 x 57.24 x 36.73 in)

ORDER SPECIFICATIONS ■

BOX DIMS (L x W x H):	413 x 1508 x 990 mm (16.26 x 59.37 x 38.98 in)
SHIPPING WEIGHT:	90 kg (198.42 lb)
COUNTRY OF ORIGIN:	CN
UPC CODE:	691991033933



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