

# AE SERIES

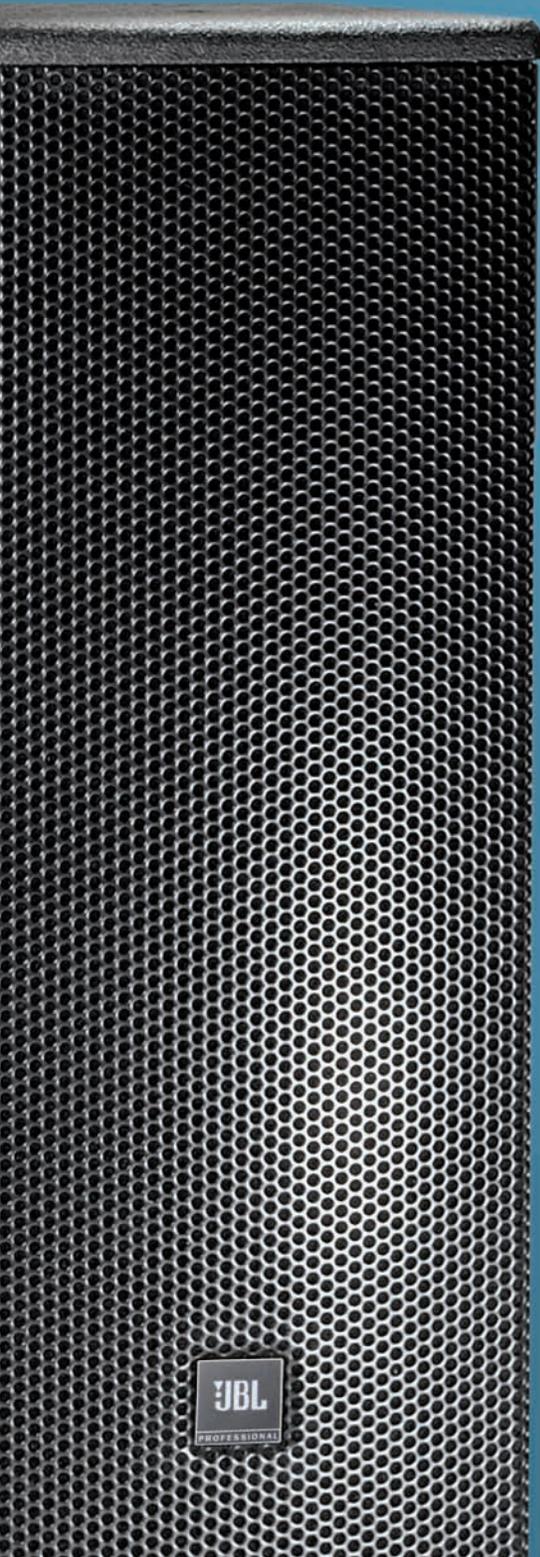
application engineered



## COMPACT MODELS



- AC 15
- AC 25
- AC 16
- AC 26
- AC 18/95
- AC 18/26
- AC 28/95
- AC 28/26



# AE SERIES

## COMPACT MODELS

For over sixty years JBL engineers have leveraged their mastery of physics to elevate the platform which millions of creative individuals worldwide use to broadcast their personal form of audible art. The engineering team strives to achieve the highest level of sonic quality to ensure the audience will hear every nuance of tonal clarity as intended by the artist.

JBL continues to support artists worldwide with the introduction of eight new AE Series Compact Loudspeakers. An extension of the industry leading AE Series, the AE Compact family consists of high output, 2-way loudspeaker systems combining flexibility with high fidelity. Ranging from a single 5.25" point-and-shoot box to dual 8" loudspeaker system that are specifically designed for better serving the needs of both designers and artists alike.

The ultra-compact **AC15** and **AC25** models include a 1" dome tweeter while the **AC16**, **AC26**, **AC18**, and **AC28** models feature 1" exit compression drivers providing sonic clarity and crisp detail. Furthermore, the **AC18** and **AC28** featuring JBL's Progressive Transition™ Rotatable Waveguides, offer the system designer a choice of coverage patterns in either 90° x 50° or 120° x 60° configurations.



## THE NEW COMPACT

- AC15** • Ultra compact enclosure • 135 mm (5.25 in) LF transducer, 90° x 90° waveguide with 25 mm (1 in) dome tweeter • 150W continuous  
• Dual Neutrik NL4 connectors plus screw terminal • Attachment points for U-bracket, and OmniMount® type bracket
- AC25** • Ultra compact enclosure • 135 mm (5.25 in) LF transducers • 90° x 90° waveguide with 25 mm (1 in) dome tweeter • 225W continuous  
• Dual Neutrik NL4 connectors plus screw terminal • Attachment points for U-bracket, and OmniMount type bracket
- AC16** • Ultra compact enclosure • 165 mm (6.5 in) LF transducer • 90° x 90° Progressive Transition™ Waveguide with a 25 mm (1 in) exit compression driver  
• 200W continuous • Dual Neutrik NL4 connectors plus screw terminal • Attachment points for U-bracket, OmniMount type bracket, and stand mount adapter
- AC26** • Ultra compact enclosure • 165 mm (6.5 in) LF transducers • 90° x 90° Progressive Transition Waveguide with a 25 mm (1 in) exit compression driver  
• 300W continuous • Dual Neutrik NL4 connectors plus screw terminal • Attachment points for U-bracket, OmniMount type bracket, and stand mount adapter
- AC18/95** • Compact enclosure • 205 mm (8 in) LF transducer • 90° x 50° Progressive Transition Field Rotatable Waveguide with a 25 mm (1 in) exit compression driver  
**AC18/26** (**AC18/26**: 120° x 60° Progressive Transition™ Field Rotatable Waveguide with a 25 mm (1 in) exit compression driver) • 250W continuous  
• Dual Neutrik NL4 connectors plus screw terminal • Attachment points for U-bracket, OmniMount type bracket, and stand mount adapter
- AC28/95** • Compact enclosure • 205 mm (8 in) LF transducers • 90° x 50° Progressive Transition Field Rotatable Waveguide with a 25 mm (1 in) exit compression driver  
**AC28/26** (**AC28/26**: 120° x 60° Progressive Transition Field Rotatable Waveguide with a 25 mm (1 in) exit compression driver) • 375W continuous  
• Dual Neutrik NL4 connectors plus screw terminal • Attachment points for U-bracket, OmniMount type bracket, and stand mount adapter



### **PROGRESSIVE TRANSITION™ WAVEGUIDES**

In addition to providing smooth, low-distortion sound, Progressive Transition™ Waveguides deliver uniform off-axis frequency response to every point within the intended coverage area -- not just in the horizontal and vertical planes. PT Waveguides combine outstanding pattern control with undistorted sound for natural music and intelligible speech.

### **FILTERED ARRAY TECHNOLOGY (FAT™)**

JBL's Filtered Array Technology, utilized in the **AC25**, **AC26** and **AC28** models, is a process where as each of the Low Frequency transducers is independently controlled for magnitude and phase response, resulting in smoother power response and constant coverage.

### **FLEXIBILITY**

AE Compact is designed with multiple attachment points for mounting accessories such as OmniMount® type bracket and U-brackets, as well as stand mount adapters.

### **DURABILITY**

Every enclosure is constructed with multi-ply hardwood and finished with JBL's proprietary DuraFlex™ paint for the utmost in strength and durability. Each loudspeaker system utilizes "best in class" components and are voiced to work with all AE Series loudspeaker systems. In addition, each transducer has been subject to JBL's grueling 100-hour torture test to ensure years of trouble-free operation.

# SERIES



### **AE SERIES FULL LINE**

These eight new models expand the already widely accepted line of Application Engineered Series loudspeaker systems making the series even more flexible for the discerning system designer and contractor.

### **APPLICATIONS**

AE Series Compact loudspeakers are ideal for a wide variety of applications including Performing Arts Facilities, Theatrical Sound Design, Auditoriums, Houses of Worship, Live Clubs, Dance-Clubs, Sports Facilities and Themed Entertainment Venues.



AC15



**System Type:** Ultra Compact 2-way Loudspeaker System with 1 - 5.25" LF  
**Frequency Range (-10 dB):** 80 Hz -20 kHz  
**Frequency Response ( $\pm$  3 dB):** 90 Hz -18 kHz  
**System Sensitivity:** 86 dB SPL/1W/1m  
**Power Rating:** 150W Continuous, 600W Peak  
**Coverage Pattern:** 90° x 90°  
**Dimensions (H x W x D):** 241.3 x 150.3 x 177.8 mm (9.5 x 5.9 x 7.0 in)  
**Weight:** 4.7 kg (10.5 lb)

AC25



**System Type:** Ultra Compact 2-way Loudspeaker System with 2 - 5.25" LF  
**Frequency Range (-10 dB):** 80 Hz -20 kHz  
**Frequency Response ( $\pm$  3 dB):** 90 Hz -18 kHz  
**System Sensitivity:** 91 dB SPL/1W/1m  
**Power Rating:** 225W Continuous, 900W Peak  
**Coverage Pattern:** 90° x 90°  
**Dimensions (H x W x D):** 377.8 x 150.3 x 177.8 mm (14.9 x 5.9 x 7.0 in)  
**Weight:** 7.5 kg (16.5 lb)

AC16



**System Type:** Ultra Compact 2-way Loudspeaker System with 1 - 6.5" LF  
**Frequency Range (-10 dB):** 55 Hz -20 kHz  
**Frequency Response ( $\pm$  3 dB):** 65 Hz -18 kHz  
**System Sensitivity:** 90 dB SPL/1W/1m  
**Power Rating:** 200W Continuous, 800W Peak  
**Coverage Pattern:** 90° x 90°  
**Dimensions (H x W x D):** 381.0 x 199.4 x 226.1 mm (15.0 x 7.8 x 8.9 in)  
**Weight:** 7.2 kg (15.8 lb)

AC26



**System Type:** Ultra Compact 2-way Loudspeaker System with 2- 6.5" LF  
**Frequency Range (-10 dB):** 55 Hz -20 kHz  
**Frequency Response ( $\pm$  3 dB):** 70 Hz -18 kHz  
**System Sensitivity:** 92 dB SPL/1W/1m  
**Power Rating:** 300W Continuous, 1200W Peak  
**Coverage Pattern:** 90° x 90°  
**Dimensions (H x W x D):** 539.8 x 199.4 x 226.1 mm (21.3 x 7.8 x 8.9 in)  
**Weight:** 11.0 kg (24.3 lb)

AC18/95



**System Type:** Compact 2-way Loudspeaker System with 1 - 8" LF  
**Frequency Range (-10 dB):** 47 Hz -20 kHz  
**Frequency Response ( $\pm$  3 dB):** 60 Hz -18 kHz  
**System Sensitivity:** 92 dB SPL/1W/1m  
**Power Rating:** 250W Continuous, 1000W Peak  
**Coverage Pattern:** **AC18/95:** 90° x 50°, **AC18/26:** 120° x 60°  
**Dimensions (H x W x D):** 469.9 x 237.5 x 254.0 mm (18.5 x 9.4 x 10.0 in)  
**Weight:** 12.8 kg (28.2 lb)

AC18/26



AC28/95



**System Type:** Compact 2-way Loudspeaker System with 2- 8" LF  
**Frequency Range (-10 dB):** 47 Hz -20 kHz  
**Frequency Response ( $\pm$  3 dB):** 60 Hz -18 kHz  
**System Sensitivity:** 94 dB SPL/1W/1m  
**Power Rating:** 375W Continuous, 1500W Peak  
**Coverage Pattern:** **AC28/95:** 90° x 50°, **AC28/26:** 120° x 60°  
**Dimensions (H x W x D):** 679.5 x 237.5 x 254.0 mm (26.8 x 9.4 x 10.0 in)  
**Weight:** 18.6 kg (40.9 lb)

AC28/26

