

Application Engineered Series

Using the most advanced JBL transducer technology the AE Series was designed with one goal in mind, deliver performance and features system designers need and listeners demand. With a wide selection of models, high performance capabilities, reliability, and a systems approach, AE Series has a loudspeaker for just about any application.

ASB MODELS HIGH-POWERED SUBWOOFERS



JBL Patented technology In Every Model

JBL's Patented **Differential Drive**® dual-coil and dual-magnetic-gap lightweight woofers are at the core of all new ASB models providing high power, low distortion, extended response and excursion.

The 2269H 18" Driver utilized in the ASB7118 and ASB7128 models features 2000 Watts of continuous pink noise power handling, dual 4" voice coils and dual magnetic gaps with Vented Gap Cooling™ and a maximum excursion of 3.5".



	ASB6112	ASB6115	ASB6125	ASB7118	ASB7128
System Type:	Ultra-Compact High Power 12" Subwoofer	Compact High Power 15" Subwoofer	High Power Dual 15" Subwoofer	Ultra High Power 18" Subwoofer	Ultra High Power Dual 18" Subwoofer
Driver:	2263H 12" Woofer	2265H-1 15" Woofer	2 x 2265H-1 15" Woofers	2269H 18" Woofer	2 x 2269H 18" Woofers
Power Rating: (2 hrs. Continuous Pink Noise)	1000 W	800 W	1600 W	2000 W	4000 W
Sensitivity (1w / 1m):	96 dB SPL	97 dB SPL	100 dB SPL	96 dB SPL	99 dB SPL
Frequency Range (-10 dB):	35 Hz - 1 kHz	32 Hz - 1 kHz	32 Hz - 1 kHz	22 Hz - 1 kHz	20 Hz - 1 kHz
Frequency Response (± 3 dB):	43 Hz - 1 kHz	43 Hz - 1 kHz	38 Hz - 1 kHz	34 Hz - 1 kHz	25 Hz - 1 kHz
Dimensions (H x W x D):	406 x 369 x 483 mm 16 x 14.5 x 19 in	483 x 419 x 597 mm 19 x 16.5 x 23.5 in	965 x 419 x 597 mm 38 x 16.5 x 23.5 in	546 x 560 x 815 mm 21.5 x 22 x 32.1 in	1092 x 560 x 815 mm 43 x 22 x 32.1 in
Weight:	16.3 kg (36 lb)	20.6 kg (45.5 lb)	36.7 kg (81 lb)	42.9 kg (94.5 lb)	71.9 kg (158.5 lb)

CAT AE 08/2010-25

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8500 Balboa Blvd.
Northridge, CA 91329 USA

www.jblpro.com



AE SERIES application engineered



AM7315 & AM7200
High-Powered 3-Way & Mid-high loudspeakers

AM7212 & AM7215
Medium-Powered Two-Way Full-Range Loudspeakers

AL7115
Low-Frequency Module

AM5212 & AM5215
Medium-Power 2-Way Full-Range Loudspeakers

ASB
High-Powered Subwoofers

Application Engineered Series

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ASB MODELS HIGH-POWERED SUBWOOFERS



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	ASB6112	ASB6115	ASB6125	ASB7118	ASB7128
System Type:	Ultra-Compact High Power 12" Subwoofer	Compact High Power 15" Subwoofer	High Power Dual 15" Subwoofer	Ultra High Power 18" Subwoofer	Ultra High Power Dual 18" Subwoofer
Driver:	2263H 12" Woofer	2265H-1 15" Woofer	2 x 2265H-1 15" Woofers	2269H 18" Woofer	2 x 2269H 18" Woofers
Power Rating: (2 hrs. Continuous Pink Noise)	1000 W	800 W	1600 W	2000 W	4000 W
Sensitivity (1w / 1m):	96 dB SPL	97 dB SPL	100 dB SPL	96 dB SPL	99 dB SPL
Frequency Range (-10 dB):	35 Hz - 1 kHz	32 Hz - 1 kHz	32 Hz - 1 kHz	22 Hz - 1 kHz	20 Hz - 1 kHz
Frequency Response (± 3 dB):	43 Hz - 1 kHz	43 Hz - 1 kHz	38 Hz - 1 kHz	34 Hz - 1 kHz	25 Hz - 1 kHz
Dimensions (H x W x D):	406 x 369 x 483 mm 16 x 14.5 x 19 in	483 x 419 x 597 mm 19 x 16.5 x 23.5 in	965 x 419 x 597 mm 38 x 16.5 x 23.5 in	546 x 560 x 815 mm 21.5 x 22 x 32.1 in	1092 x 560 x 815 mm 43 x 22 x 32.1 in
Weight:	16.3 kg (36 lb)	20.6 kg (45.5 lb)	36.7 kg (81 lb)	42.9 kg (94.5 lb)	71.9 kg (158.5 lb)

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High-Powered 3-Way & Mid-high loudspeakers

AM7212 & AM7215
Medium-Powered Two-Way Full-Range Loudspeakers

AM7115
Low-Frequency Module

AM5212 & AM5215
Medium-Power 2-Way Full-Range Loudspeakers

ASB
High-Powered Subwoofers

120
60

AE SERIES

application engineered

AM7315 & AM7200

HIGH-POWER THREE-WAY & MID-HIGH LOUDSPEAKERS

AL7115

LOW-FREQUENCY MODULE

AM7212 & AM7215

HIGH-POWER TWO-WAY FULL-RANGE LOUDSPEAKERS

AM5212 & AM5215

MEDIUM-POWER TWO-WAY FULL-RANGE LOUDSPEAKERS



AM7315, AM7200 & AL7115 adds more flexibility to your loudspeaker system design capabilities. The AM7315/64 and AM7315/95 are three-way full-range models that can be either bi-amplified or tri-amplified. The AM7200/64 and AM7200/95 are two-way mid-high models that can be bi-amplified or operate as a full passive system. The AL7115 is a single 15" low-frequency module designed to work with the AM7200 models in a low-profile array application where a full-range three-way system is desired.

AE Series three-way and mid-high models utilize the latest in transducer technology. All low-frequency drivers are JBL's patented Differential Drive[®], dual 3" voice coil – dual magnetic gap transducers. Three-way and mid-high models utilize JBL's CMCD[™], Cone Midrange Compression Driver technology. In addition to providing increased output and lower distortion, this cone-based true compression driver design extends bandwidth (*both up and down in frequency*) to cover the entire vocal range seamlessly. All three-way and mid-high models utilize injection molded rotatable Progressive Transition[™] waveguides. Like the high-power two-way AE Series models, all three-way and mid-high models utilize the 2432H 1.5" exit, 3" diaphragm compression driver.

Complementing the AM7200/64 and AM7200/95 is the AL7115 15" low-frequency module. The AL7115, utilizing the PAF-3K planar array frame kit, can be fitted between two AM7200 mid-high loudspeakers to form a low-profile three-wide array. The AL7115 is equipped with the 2265HPL Differential Drive 15" transducer.

The AM7212 and AM7215 models are designed to give you unlimited flexibility. The line consists of nine high-power two-way, full-range models featuring two additional horn coverage patterns of 60° x 60° and 120° x 60°. All models utilize JBL's patented Differential Drive[®] dual 3" voice coil and dual gap woofers.

The high-frequency section utilizes the new 1.5" exit, 3" diaphragm 2432H compression driver. All models utilize large mouth rotatable Progressive Transition[™] Waveguides for precise directivity control. These rotatable waveguides allow the loudspeaker to be used in either the vertical or horizontal orientation maintaining the intended horn coverage pattern.

The AM5000 Series consists of AM5212 and AM5215 which offer nine medium-power two-way, full-range models featuring the same horn coverage patterns as the high-power AM7000 Series models.

The AM5000 Series utilizes Differential Drive[®] 2" dual voice coil dual gap woofers with 1.5" voice coil 2408H-1 compression drivers. All AE Series models are designed specifically to fit the needs of any discerning system designer for permanent installation applications.

Conceived, Tuned and Balanced to provide peak performance

As technology gets more complex, our purpose is to ensure quality and maximum usability



CMCD[™] | Cone Midrange Compression Driver

Compression Driver

All nine AM7000 Series models utilize the 1.5" exit, 3" diaphragm 2432H compression driver.

Selectable Crossover Mode

All AE Series speakers (*except single driver subwoofers*) offer selectable crossover modes. Two-Way speakers operate in either bi-amp or passive mode. Dual-driver subwoofer cabinets offer selection between parallel and discrete driver access.

Connectors

All models include both Speakon[®] and CE-approved covered barrier strip input connectors.

Progressive Transition[™] Waveguides

Provide excellent coverage control and are rotatable so the loudspeaker system can be used in either the vertical or horizontal orientation.

Differential Drive[®]

JBL's exclusive dual voice coil dual gap cone transducers featuring a unique design with heat sinks integrated into the cast aluminum frame is at the core of all new AM7000 and AM5000 Series loudspeakers.

Dual Voice Coil and Dual Gap Technology

The dual voice coil and dual gap places the neodymium magnets inside the dual voice coil assembly, completing the magnetic circuit without the heavy surrounding steel structure of conventional drivers.

AM7315

System Type: 15" Three-Way High Power, Full Range
 LF Driver: 2265HPL
 MF Driver: CMCD-82H
 HF Driver: 2432H
 Frequency Range (-10 dB): 38Hz - 20 kHz w/ recommended active tuning
 Frequency Response (± 3 dB): 45Hz - 18 kHz w/ recommended active tuning
 Sensitivity (1w / 1m): LF 97 dB; MF 108 dB; HF 113 dB; MHF Passive 108 dB
 Rated Maximum SPL (1m): LF 126/132 dB; MF 133/139 dB; HF 133/139 dB; MHF Passive 133/139 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms all bandpasses
 Power Rating (2 hr Continuous Pink Noise): LF 1000 W; MF 350 W; HF 100 W
 Long-Term System Power Rating (IEC 100 hrs): LF 600/1200/2400 W; MHF Passive 200/400/800 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 967 x 561 x 657 mm (38.1 x 22.1 x 25.9 in)
 Weight: 45.8 kg (101 lb)



AM7200

Two-Way High Power, Mid-High
 CMCD-82H
 2432H
 Frequency Range (-10 dB): 260Hz - 20 kHz w/ recommended active tuning
 Frequency Response (± 3 dB): 330Hz - 18 kHz w/ recommended active tuning
 Sensitivity (1w / 1m): MF 108 dB; HF 113 dB; MHF Passive 108 dB
 Rated Maximum SPL (1m): MF 133/139 dB; HF 133/139 dB; MHF Passive 133/139 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms all bandpasses
 Power Rating (2 hr Continuous Pink Noise): MF 350 W; HF 100 W
 Long-Term System Power Rating (IEC 100 hrs): MHF Passive 200/400/800 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 548 x 561 x 657 mm (21.6 x 22.1 x 25.9 in)
 Weight: 27.2 kg (60 lb)



AL7115

High Power, Low-Frequency
 2265HPL
 Frequency Range (-10 dB): 40 Hz - 4.2 kHz w/ out processing
 Frequency Response (± 3 dB): 47 Hz - 3.0 kHz w/ out processing
 Sensitivity (1w / 1m): 97 dB
 Rated Maximum SPL (1m): 126/132 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms
 Power Rating (2 hr Continuous Pink Noise): 1000 W
 Long-Term System Power Rating (IEC 100 hrs): 600/1200/2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 548 x 561 x 657 mm (21.6 x 22.1 x 25.9 in)
 Weight: 25.9 kg (57 lb)



AM7212 | Five AM7212 Horn Coverage Patterns

System Type: 12" Two-Way, High Power, Full-Range
 LF Driver: 2262H
 HF Driver: 2432H
 Frequency Range (-10 dB): 36 Hz - 20 kHz
 Frequency Response (± 3 dB): 42 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 95 dB
 Rated Maximum SPL (1m): 123 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 700 W
 Long-Term System Power Rating (IEC 100 hrs): 600 / 1200 / 2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 711 x 369 x 458 mm / 28 x 14.5 x 18 in
 Weight: 23.1 kg (51 lb)
 Coverage: AM7212/64: 60° x 40° horn, AM7212/66: 60° x 60° horn, AM7212/95: 90° x 50° horn, AM7212/00: 100° x 100° horn, AM7212/26: 120° x 60° horn



AM7215 | Four AM7215 Horn Coverage Patterns

System Type: 15" Two-Way, High Power, Full-Range
 2265H
 2432H
 HF Driver: 34 Hz - 20 kHz
 Frequency Response (± 3 dB): 42 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 96 dB
 Rated Maximum SPL (1m): 124 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 750 W
 Long-Term System Power Rating (IEC 100 hrs): 600 / 1200 / 2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 781 x 420 x 503 mm / 30.8 x 16.5 x 19.8 in
 Weight: 27.2 kg (60 lb)
 Coverage: AM7215/64: 60° x 40° horn, AM7215/66: 60° x 60° horn, AM7215/95: 90° x 50° horn, AM7215/26: 120° x 60° horn



AM5212 | Five AM5212 Horn Coverage Patterns

System Type: 12" Two-Way, Medium Power, Full-Range
 LF Driver: 262H-1
 HF Driver: 2408H-1
 Frequency Range (-10 dB): 37 Hz - 20 kHz
 Frequency Response (± 3 dB): 43 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 96 dB
 Rated Maximum SPL (1m): 121 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 400 W
 Long-Term System Power Rating (IEC 100 hrs): 300 / 600 / 1200 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 711 x 369 x 458 mm / 28 x 14.5 x 18 in
 Weight: 20.2 kg (45 lb)
 Coverage: AM5212/64: 60° x 40° horn, AM5212/66: 60° x 60° horn, AM5212/95: 90° x 50° horn, AM5212/00: 100° x 100° horn, AM5212/26: 120° x 60° horn



AM5215 | Four AM5215 Horn Coverage Patterns

System Type: 15" Two-Way, Medium Power, Full-Range
 265H-1
 2408H-1
 HF Driver: 35 Hz - 20 kHz
 Frequency Response (± 3 dB): 41 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 99 dB
 Rated Maximum SPL (1m): 124 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 500 W
 Long-Term System Power Rating (IEC 100 hrs): 350 / 700 / 1400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 781 x 420 x 503 mm / 30.8 x 16.5 x 19.8 in
 Weight: 25.0 kg (55 lb)
 Coverage: AM5215/64: 60° x 40° horn, AM5215/66: 60° x 60° horn, AM5215/95: 90° x 50° horn, AM5215/26: 120° x 60° horn



AE SERIES

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AM7315 & AM7200

HIGH-POWER THREE-WAY & MID-HIGH LOUDSPEAKERS

AL7115

LOW-FREQUENCY MODULE

AM7212 & AM7215

HIGH-POWER TWO-WAY FULL-RANGE LOUDSPEAKERS

AM5212 & AM5215

MEDIUM-POWER TWO-WAY FULL-RANGE LOUDSPEAKERS



AM7315, AM7200 & AL7115 adds more flexibility to your loudspeaker system design capabilities. The AM7315/64 and AM7315/95 are three-way full-range models that can be either bi-amplified or tri-amplified. The AM7200/64 and AM7200/95 are two-way mid-high models that can be bi-amplified or operate as a full passive system. The AL7115 is a single 15" low-frequency module designed to work with the AM7200 models in a low-profile array application where a full-range three-way system is desired.

AE Series three-way and mid-high models utilize the latest in transducer technology. All low-frequency drivers are JBL's patented Differential Drive[®], dual 3" voice coil – dual magnetic gap transducers. Three-way and mid-high models utilize JBL's CMCD[™], Cone Midrange Compression Driver technology. In addition to providing increased output and lower distortion, this cone-based true compression driver design extends bandwidth (*both up and down in frequency*) to cover the entire vocal range seamlessly. All three-way and mid-high models utilize injection molded rotatable Progressive Transition[™] waveguides. Like the high-power two-way AE Series models, all three-way and mid-high models utilize the 2432H 1.5" exit, 3" diaphragm compression driver.

Complementing the AM7200/64 and AM7200/95 is the AL7115 15" low-frequency module. The AL7115, utilizing the PAF-3K planar array frame kit, can be fitted between two AM7200 mid-high loudspeakers to form a low-profile three-wide array. The AL7115 is equipped with the 2265HPL Differential Drive 15" transducer.

The AM7212 and AM7215 models are designed to give you unlimited flexibility. The line consists of nine high-power two-way, full-range models featuring two additional horn coverage patterns of 60° x 60° and 120° x 60°. All models utilize JBL's patented Differential Drive[®] dual 3" voice coil and dual gap woofers.

The high-frequency section utilizes the new 1.5" exit, 3" diaphragm 2432H compression driver. All models utilize large mouth rotatable Progressive Transition[™] Waveguides for precise directivity control. These rotatable waveguides allow the loudspeaker to be used in either the vertical or horizontal orientation maintaining the intended horn coverage pattern.

The AM5000 Series consists of AM5212 and AM5215 which offer nine medium-power two-way, full-range models featuring the same horn coverage patterns as the high-power AM7000 Series models.

The AM5000 Series utilizes Differential Drive[®] 2" dual voice coil dual gap woofers with 1.5" voice coil 2408H-1 compression drivers. All AE Series models are designed specifically to fit the needs of any discerning system designer for permanent installation applications.

Conceived, Tuned and Balanced to provide peak performance

As technology gets more complex, our purpose is to ensure quality and maximum usability



CMCD[™] | Cone Midrange Compression Driver

Compression Driver

All nine AM7000 Series models utilize the 1.5" exit, 3" diaphragm 2432H compression driver.

Selectable Crossover Mode

All AE Series speakers (*except single driver subwoofers*) offer selectable crossover modes. Two-Way speakers operate in either bi-amp or passive mode. Dual-driver subwoofer cabinets offer selection between parallel and discrete driver access.

Connectors

All models include both Speakon[®] and CE-approved covered barrier strip input connectors.

Progressive Transition[™] Waveguides

Provide excellent coverage control and are rotatable so the loudspeaker system can be used in either the vertical or horizontal orientation.

Differential Drive[®]

JBL's exclusive dual voice coil dual gap cone transducers featuring a unique design with heat sinks integrated into the cast aluminum frame is at the core of all new AM7000 and AM5000 Series loudspeakers.

Dual Voice Coil and Dual Gap Technology

The dual voice coil and dual gap places the neodymium magnets inside the dual voice coil assembly, completing the magnetic circuit without the heavy surrounding steel structure of conventional drivers.

AM7315

System Type: 15" Three-Way High Power, Full Range
 LF Driver: 2265HPL
 MF Driver: CMCD-82H
 HF Driver: 2432H
 Frequency Range (-10 dB): 38Hz-20 kHz w/ recommended active tuning
 Frequency Response (± 3 dB): 45Hz-18 kHz w/ recommended active tuning
 Sensitivity (1w / 1m): LF 97 dB; MF 108 dB; HF 113 dB; MHF Passive 108 dB
 Rated Maximum SPL (1m): LF 126/132 dB; MF 133/139 dB; HF 133/139 dB; MHF Passive 133/139 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms all bandpasses
 Power Rating (2 hr Continuous Pink Noise): LF 1000 W; MF 350 W; HF 100 W
 Long-Term System Power Rating (IEC 100 hrs): LF 600/1200/2400 W; MHF Passive 200/400/800 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 967 x 561 x 657 mm (38.1 x 22.1 x 25.9 in)
 Weight: 45.8 kg (101 lb)



AM7200

Two-Way High Power, Mid-High
 CMCD-82H
 2432H
 Frequency Range (-10 dB): 260Hz-20 kHz w/ recommended active tuning
 Frequency Response (± 3 dB): 330Hz-18 kHz w/ recommended active tuning
 Sensitivity (1w / 1m): MF 108 dB; HF 113 dB; MHF Passive 108 dB
 Rated Maximum SPL (1m): MF 133/139 dB; HF 133/139 dB; MHF Passive 133/139 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms all bandpasses
 Power Rating (2 hr Continuous Pink Noise): MF 350 W; HF 100 W
 Long-Term System Power Rating (IEC 100 hrs): MHF Passive 200/400/800 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 548 x 561 x 657 mm (21.6 x 22.1 x 25.9 in)
 Weight: 27.2 kg (60 lb)



AL7115

High Power, Low-Frequency
 2265HPL
 Frequency Range (-10 dB): 40 Hz-4.2 kHz w/out processing
 Frequency Response (± 3 dB): 47 Hz-3.0 kHz w/out processing
 Sensitivity (1w / 1m): 97 dB
 Rated Maximum SPL (1m): 126/132 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms
 Power Rating (2 hr Continuous Pink Noise): 1000 W
 Long-Term System Power Rating (IEC 100 hrs): 600/1200/2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 548 x 561 x 657 mm (21.6 x 22.1 x 25.9 in)
 Weight: 25.9 kg (57 lb)



AM7212 | Five AM7212 Horn Coverage Patterns

System Type: 12" Two-Way, High Power, Full-Range
 LF Driver: 2262H
 HF Driver: 2432H
 Frequency Range (-10 dB): 36 Hz - 20 kHz
 Frequency Response (± 3 dB): 42 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 95 dB
 Rated Maximum SPL (1m): 123 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 700 W
 Long-Term System Power Rating (IEC 100 hrs): 600 / 1200 / 2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 711 x 369 x 458 mm / 28 x 14.5 x 18 in
 Weight: 23.1 kg (51 lb)
 Coverage: AM7212/64: 60° x 40° horn, AM7212/66: 60° x 60° horn, AM7212/95: 90° x 50° horn, AM7212/00: 100° x 100° horn, AM7212/26: 120° x 60° horn



AM7215 | Four AM7215 Horn Coverage Patterns

System Type: 15" Two-Way, High Power, Full-Range
 LF Driver: 2265H
 HF Driver: 2432H
 Frequency Range (-10 dB): 34 Hz - 20 kHz
 Frequency Response (± 3 dB): 42 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 96 dB
 Rated Maximum SPL (1m): 124 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 750 W
 Long-Term System Power Rating (IEC 100 hrs): 600 / 1200 / 2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 781 x 420 x 503 mm / 30.8 x 16.5 x 19.8 in
 Weight: 27.2 kg (60 lb)
 Coverage: AM7215/64: 60° x 40° horn, AM7215/66: 60° x 60° horn, AM7215/95: 90° x 50° horn, AM7215/26: 120° x 60° horn



AM5212 | Five AM5212 Horn Coverage Patterns

System Type: 12" Two-Way, Medium Power, Full-Range
 LF Driver: 262H-1
 HF Driver: 2408H-1
 Frequency Range (-10 dB): 37 Hz - 20 kHz
 Frequency Response (± 3 dB): 43 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 96 dB
 Rated Maximum SPL (1m): 121 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 400 W
 Long-Term System Power Rating (IEC 100 hrs): 300 / 600 / 1200 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 711 x 369 x 458 mm / 28 x 14.5 x 18 in
 Weight: 20.2 kg (45 lb)
 Coverage: AM5212/64: 60° x 40° horn, AM5212/66: 60° x 60° horn, AM5212/95: 90° x 50° horn, AM5212/00: 100° x 100° horn, AM5212/26: 120° x 60° horn



AM5215 | Four AM5215 Horn Coverage Patterns

System Type: 15" Two-Way, Medium Power, Full-Range
 LF Driver: 265H-1
 HF Driver: 2408H-1
 Frequency Range (-10 dB): 35 Hz - 20 kHz
 Frequency Response (± 3 dB): 41 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 99 dB
 Rated Maximum SPL (1m): 124 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 500 W
 Long-Term System Power Rating (IEC 100 hrs): 350 / 700 / 1400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 781 x 420 x 503 mm / 30.8 x 16.5 x 19.8 in
 Weight: 25.0 kg (55 lb)
 Coverage: AM5215/64: 60° x 40° horn, AM5215/66: 60° x 60° horn, AM5215/95: 90° x 50° horn, AM5215/26: 120° x 60° horn



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HIGH-POWER TWO-WAY FULL-RANGE LOUDSPEAKERS

AM5212 & AM5215

MEDIUM-POWER TWO-WAY FULL-RANGE LOUDSPEAKERS



AM7315, AM7200 & AL7115 adds more flexibility to your loudspeaker system design capabilities. The AM7315/64 and AM7315/95 are three-way full-range models that can be either bi-amplified or tri-amplified. The AM7200/64 and AM7200/95 are two-way mid-high models that can be bi-amplified or operate as a full passive system. The AL7115 is a single 15" low-frequency module designed to work with the AM7200 models in a low-profile array application where a full-range three-way system is desired.

AE Series three-way and mid-high models utilize the latest in transducer technology. All low-frequency drivers are JBL's patented Differential Drive[®], dual 3" voice coil – dual magnetic gap transducers. Three-way and mid-high models utilize JBL's CMCD[™], Cone Midrange Compression Driver technology. In addition to providing increased output and lower distortion, this cone-based true compression driver design extends bandwidth (*both up and down in frequency*) to cover the entire vocal range seamlessly. All three-way and mid-high models utilize injection molded rotatable Progressive Transition[™] waveguides. Like the high-power two-way AE Series models, all three-way and mid-high models utilize the 2432H 1.5" exit, 3" diaphragm compression driver.

Complementing the AM7200/64 and AM7200/95 is the AL7115 15" low-frequency module. The AL7115, utilizing the PAF-3K planar array frame kit, can be fitted between two AM7200 mid-high loudspeakers to form a low-profile three-wide array. The AL7115 is equipped with the 2265HPL Differential Drive 15" transducer.

The AM7212 and AM7215 models are designed to give you unlimited flexibility. The line consists of nine high-power two-way, full-range models featuring two additional horn coverage patterns of 60° x 60° and 120° x 60°. All models utilize JBL's patented Differential Drive[®] dual 3" voice coil and dual gap woofers.

The high-frequency section utilizes the new 1.5" exit, 3" diaphragm 2432H compression driver. All models utilize large mouth rotatable Progressive Transition[™] Waveguides for precise directivity control. These rotatable waveguides allow the loudspeaker to be used in either the vertical or horizontal orientation maintaining the intended horn coverage pattern.

The AM5000 Series consists of AM5212 and AM5215 which offer nine medium-power two-way, full-range models featuring the same horn coverage patterns as the high-power AM7000 Series models.

The AM5000 Series utilizes Differential Drive[®] 2" dual voice coil dual gap woofers with 1.5" voice coil 2408H-1 compression drivers. All AE Series models are designed specifically to fit the needs of any discerning system designer for permanent installation applications.

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CMCD[™] | Cone Midrange Compression Driver

Compression Driver

All nine AM7000 Series models utilize the 1.5" exit, 3" diaphragm 2432H compression driver.

Selectable Crossover Mode

All AE Series speakers (*except single driver subwoofers*) offer selectable crossover modes. Two-Way speakers operate in either bi-amp or passive mode. Dual-driver subwoofer cabinets offer selection between parallel and discrete driver access.

Connectors

All models include both Speakon[®] and CE-approved covered barrier strip input connectors.

Progressive Transition[™] Waveguides

Provide excellent coverage control and are rotatable so the loudspeaker system can be used in either the vertical or horizontal orientation.

Differential Drive[®]

JBL's exclusive dual voice coil dual gap cone transducers featuring a unique design with heat sinks integrated into the cast aluminum frame is at the core of all new AM7000 and AM5000 Series loudspeakers.

Dual Voice Coil and Dual Gap Technology

The dual voice coil and dual gap places the neodymium magnets inside the dual voice coil assembly, completing the magnetic circuit without the heavy surrounding steel structure of conventional drivers.

AM7315

System Type: 15" Three-Way High Power, Full Range
 LF Driver: 2265HPL
 MF Driver: CMCD-82H
 HF Driver: 2432H
 Frequency Range (-10 dB): 38Hz-20 kHz w/ recommended active tuning
 Frequency Response (± 3 dB): 45Hz-18 kHz w/ recommended active tuning
 Sensitivity (1w / 1m): LF 97 dB; MF 108 dB; HF 113 dB; MHF Passive 108 dB
 Rated Maximum SPL (1m): LF 126/132 dB; MF 133/139 dB; HF 133/139 dB; MHF Passive 133/139 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms all bandpasses
 Power Rating (2 hr Continuous Pink Noise): LF 1000 W; MF 350 W; HF 100 W
 Long-Term System Power Rating (IEC 100 hrs): LF 600/1200/2400 W; MHF Passive 200/400/800 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 967 x 561 x 657 mm (38.1 x 22.1 x 25.9 in)
 Weight: 45.8 kg (101 lb)



AM7200

Two-Way High Power, Mid-High
 CMCD-82H
 2432H
 Frequency Range (-10 dB): 260Hz-20 kHz w/ recommended active tuning
 Frequency Response (± 3 dB): 330Hz-18 kHz w/ recommended active tuning
 Sensitivity (1w / 1m): MF 108 dB; HF 113 dB; MHF Passive 108 dB
 Rated Maximum SPL (1m): MF 133/139 dB; HF 133/139 dB; MHF Passive 133/139 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms all bandpasses
 Power Rating (2 hr Continuous Pink Noise): MF 350 W; HF 100 W
 Long-Term System Power Rating (IEC 100 hrs): MHF Passive 200/400/800 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 548 x 561 x 657 mm (21.6 x 22.1 x 25.9 in)
 Weight: 27.2 kg (60 lb)



AL7115

High Power, Low-Frequency
 2265HPL
 Frequency Range (-10 dB): 40 Hz-4.2 kHz w/out processing
 Frequency Response (± 3 dB): 47 Hz-3.0 kHz w/out processing
 Sensitivity (1w / 1m): 97 dB
 Rated Maximum SPL (1m): 126/132 dB (Continuous / Peak)
 System Nominal Impedance: 8 ohms
 Power Rating (2 hr Continuous Pink Noise): 1000 W
 Long-Term System Power Rating (IEC 100 hrs): 600/1200/2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 548 x 561 x 657 mm (21.6 x 22.1 x 25.9 in)
 Weight: 25.9 kg (57 lb)



AM7212 | Five AM7212 Horn Coverage Patterns

System Type: 12" Two-Way, High Power, Full-Range
 LF Driver: 2262H
 HF Driver: 2432H
 Frequency Range (-10 dB): 36 Hz - 20 kHz
 Frequency Response (± 3 dB): 42 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 95 dB
 Rated Maximum SPL (1m): 123 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 700 W
 Long-Term System Power Rating (IEC 100 hrs): 600 / 1200 / 2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 711 x 369 x 458 mm / 28 x 14.5 x 18 in
 Weight: 23.1 kg (51 lb)
 Coverage: AM7212/64: 60° x 40° horn, AM7212/66: 60° x 60° horn, AM7212/95: 90° x 50° horn, AM7212/00: 100° x 100° horn, AM7212/26: 120° x 60° horn



AM7215 | Four AM7215 Horn Coverage Patterns

System Type: 15" Two-Way, High Power, Full-Range
 LF Driver: 2265H
 HF Driver: 2432H
 Frequency Range (-10 dB): 34 Hz - 20 kHz
 Frequency Response (± 3 dB): 42 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 96 dB
 Rated Maximum SPL (1m): 124 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 750 W
 Long-Term System Power Rating (IEC 100 hrs): 600 / 1200 / 2400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 781 x 420 x 503 mm / 30.8 x 16.5 x 19.8 in
 Weight: 27.2 kg (60 lb)
 Coverage: AM7215/64: 60° x 40° horn, AM7215/66: 60° x 60° horn, AM7215/95: 90° x 50° horn, AM7215/26: 120° x 60° horn



AM5212 | Five AM5212 Horn Coverage Patterns

System Type: 12" Two-Way, Medium Power, Full-Range
 LF Driver: 262H-1
 HF Driver: 2408H-1
 Frequency Range (-10 dB): 37 Hz - 20 kHz
 Frequency Response (± 3 dB): 43 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 96 dB
 Rated Maximum SPL (1m): 121 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 400 W
 Long-Term System Power Rating (IEC 100 hrs): 300 / 600 / 1200 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 711 x 369 x 458 mm / 28 x 14.5 x 18 in
 Weight: 20.2 kg (45 lb)
 Coverage: AM5212/64: 60° x 40° horn, AM5212/66: 60° x 60° horn, AM5212/95: 90° x 50° horn, AM5212/00: 100° x 100° horn, AM5212/26: 120° x 60° horn



AM5215 | Four AM5215 Horn Coverage Patterns

System Type: 15" Two-Way, Medium Power, Full-Range
 LF Driver: 265H-1
 HF Driver: 2408H-1
 Frequency Range (-10 dB): 35 Hz - 20 kHz
 Frequency Response (± 3 dB): 41 Hz - 18 kHz
 Sensitivity (1w / 1m): Passive Mode: 99 dB
 Rated Maximum SPL (1m): 124 dB
 System Nominal Impedance: 8
 Power Rating (2 hr Continuous Pink Noise): 500 W
 Long-Term System Power Rating (IEC 100 hrs): 350 / 700 / 1400 W (Continuous / Program / Peak)
 Dimensions (H x W x D): 781 x 420 x 503 mm / 30.8 x 16.5 x 19.8 in
 Weight: 25.0 kg (55 lb)
 Coverage: AM5215/64: 60° x 40° horn, AM5215/66: 60° x 60° horn, AM5215/95: 90° x 50° horn, AM5215/26: 120° x 60° horn



Application Engineered Series

Using the most advanced JBL transducer technology the AE Series was designed with one goal in mind, deliver performance and features system designers need and listeners demand. With a wide selection of models, high performance capabilities, reliability, and a systems approach, AE Series has a loudspeaker for just about any application.

ASB MODELS HIGH-POWERED SUBWOOFERS



JBL Patented technology In Every Model

JBL's Patented **Differential Drive**® dual-coil and dual-magnetic-gap lightweight woofers are at the core of all new ASB models providing high power, low distortion, extended response and excursion.

The 2269H 18" Driver utilized in the ASB7118 and ASB7128 models features 2000 Watts of continuous pink noise power handling, dual 4" voice coils and dual magnetic gaps with Vented Gap Cooling™ and a maximum excursion of 3.5".



	ASB6112	ASB6115	ASB6125	ASB7118	ASB7128
System Type:	Ultra-Compact High Power 12" Subwoofer	Compact High Power 15" Subwoofer	High Power Dual 15" Subwoofer	Ultra High Power 18" Subwoofer	Ultra High Power Dual 18" Subwoofer
Driver:	2263H 12" Woofer	2265H-1 15" Woofer	2 x 2265H-1 15" Woofers	2269H 18" Woofer	2 x 2269H 18" Woofers
Power Rating: (2 hrs. Continuous Pink Noise)	1000 W	800 W	1600 W	2000 W	4000 W
Sensitivity (1w / 1m):	96 dB SPL	97 dB SPL	100 dB SPL	96 dB SPL	99 dB SPL
Frequency Range (-10 dB):	35 Hz - 1 kHz	32 Hz - 1 kHz	32 Hz - 1 kHz	22 Hz - 1 kHz	20 Hz - 1 kHz
Frequency Response (± 3 dB):	43 Hz - 1 kHz	43 Hz - 1 kHz	38 Hz - 1 kHz	34 Hz - 1 kHz	25 Hz - 1 kHz
Dimensions (H x W x D):	406 x 369 x 483 mm 16 x 14.5 x 19 in	483 x 419 x 597 mm 19 x 16.5 x 23.5 in	965 x 419 x 597 mm 38 x 16.5 x 23.5 in	546 x 560 x 815 mm 21.5 x 22 x 32.1 in	1092 x 560 x 815 mm 43 x 22 x 32.1 in
Weight:	16.3 kg (36 lb)	20.6 kg (45.5 lb)	36.7 kg (81 lb)	42.9 kg (94.5 lb)	71.9 kg (158.5 lb)

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AE SERIES application engineered



AM7315 & AM7200
High-Powered 3-Way & Mid-high loudspeakers

AM7212 & AM7215
Medium-Powered Two-Way Full-Range Loudspeakers

AM7115
Low-Frequency Module

AM5212 & AM5215
Medium-Power 2-Way Full-Range Loudspeakers

ASB
High-Powered Subwoofers

