biamp.

PRODUCT CATALOG

Fixed install audio solutions for large venues and stadiums

- Sports Venues
- Theaters & Auditoriums
- Transit Centers
- Education
- Houses of Worship
- Entertainment

CONTENTS

OUTDOOR
Loudspeaker Systems

PREMIUM PERFORMANCE
EXTREME ENVIRONMENTS

Loudspeakers engineered to withstand the challenges of extreme weather conditions, delivering high performance for applications that require high-quality music, voice and paging solutions

R

R SERIES
Full bandwidth, versatile high output music, voice and paging solutions for venues of any size or configuration

W

W SERIES
High fidelity, front-loaded systems for medium distances and distributed applications

I (WR)

I SERIES (WR)
High performance, high output modular loudspeaker systems with discreet styling in weather-resistant enclosures

Full Bandwidth High Output

R SERIES

Premium Music Solutions

(R.15, R.35, R-MAX, R6-51)

Flat response and signal aligned for high output premium music applications

Voice and Music Solutions

(R.25, R.5, R.5HP, R1, R2)

Full-range, high efficiency voice optimized public address and music

Voice Projection Solutions

(RMG, RSH, R.5-V2200)

Very high efficiency, high output voice and signal projection systems

Subwoofers

(R6-BHMAX, R6-Basshorn)

Low frequency extension in matching R SERIES enclosures

EN54-24 Certified Loudspeakers

R SERIES models** that are approved for use in EN54-24 systems: R.35-3896-EN, R1-EN, R2-EN, R6-51-EN

Model	Drivers	Operating Range	Sensitivity 1W/1m	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
R.15COAX	LF 1 x 6.5" HF 1 x 1.25"	90 Hz - 16 kHz	94 dB	300W	8 ohms or 70V/100V	100° x 100°	9 x 10.15 x 10.2 in. (229 x 258 x 259 mm)
R.35COAX	LF x 10" HF 1 x 1.25"	70 Hz - 16 kHz	97 dB	400W	8 ohms or 70V/100V	90° x 90°	11 x 13 x 13.5 in. (279 x 330 x 343 mm)
R.5COAXxx (R.5COAXxxT)	LF 1 x 12" HF 1 x 1"	80 Hz - 18 kHz	98 dB* (97 dB)*	400W (200W)	8 ohms (Various)	60° x 60° 90° x 90°	16 x 16 x 16 in. (406 x 406 x 406 mm)
R.35-3896	LF 1 x 8" MF 2 x 2.35" 1 x 1"	80 Hz - 16 kHz	100 dB	800W	8 ohms or 70V/100V	90° x 60°	11 x 13 x 13.5 in. (279 x 330 x 343 mm)
R.5-xxMAX	LF 1 x 12" HF 1 x 1.4"	85 Hz - 21.8 kHz	104 dB*	1200W	8 ohms	60° x 60° 90° x 60°	16 x 16 x 16.2 in. (406 x 406 x 411 mm)
R2-xxMAX	LF 2 x 12" MF 1 x 2" HF 1 x 1.4"	71 Hz - 22.4 kHz	LF: 103 dB MF/HF: 109 dB*	LF: 2400W MF/HF: 700W	LF: 8 ohms MF/HF: 8 ohms	60° x 40° 60° x 60° 90° x 40°	24.8 x 24.8 x 30.8 in. (629 x 629 x 781 mm)
R2-52MAX	LF 2 x 12" MF 2 x 2" HF 1 x 1"	71 Hz - 19.5 kHz	LF: 102 dB MF/HF: 110 dB	LF: 2400W MF/HF: 700W	LF: 8 ohms MF/HF: 8 ohms	50° x 20°	24.8 x 24.8 x 30.8 in. (629 x 629 x 781 mm)
R6-51MAX	LF 6 x 12" MF 6 x 2" HF 6 x 1"	44 Hz - 17.5 kHz	LF: 107 dB MF: 116 dB HF: 115 dB	LF: 7200W MF: 900W HF: 1320W	LF: 4 ohms MF: 8 ohms HF: 4 ohms	50° x 10°	49 x 37 x 43.5 in. (1245 x 940 x 1105 mm)
R6-51BIAMP**	LF 6 x 12" MF 6 x 2" HF 6 x 1"	48 Hz - 17 kHz	LF: 107 dB MF/HF: 114 dB	LF: 2400W MF/HF: 900W	LF: 4 ohms MF/HF: 8 ohms	50° x 10°	49 x 37 x 43.5 in. (1245 x 940 x 1105 mm)
R.25-94Z (R.25-94TZ)	LF 1 x 8" HF 1 x ¾"	100 Hz - 16 kHz	97 dB (96 dB)	400W (200W)	8 ohms (Various)	90° x 40°	11.3 x 11.3 x 13.3 in. (287 x 287 x 338 mm)
R.5-xxZ (R.5-xxTZ)	LF 1 x 12" HF 1 x 1"	85 Hz - 16 kHz	103 dB* (102 dB)*	400W (200W)	8 ohms (Various)	60° x 60° 90° x 40° 90° x 90°	16 x 16 x 16 in. (406 x 406 x 406 mm)
R.5HP (R.5HPT)	LF 1 x 12" MF 1 x 2" HF 1 x 1"	85 Hz - 16 kHz	106 dB (105 dB)	400W (200W)	8 ohms (Various)	60° x 40°	16 x 16 x 16 in. (406 x 406 x 406 mm)
R1-xxZ**	LF 1 x 12" HF 1 x 1"	90 Hz - 16 kHz	105 dB*	400W	8 ohms	60° x 40° 60° x 60° 90° x 40°	24.75 x 24.75 x 29 in. (629 x 629 x 737 mm)
R2-xxZ**	LF 2 x 12" MF 1 x 2" HF 1 x 1"	70 Hz - 16 kHz	106 dB*	800W	4 ohms	70° x 70° 90° x 40° 40-70° x 40° 60-90° x 40°	24.75 x 24.75 x 29 in. (629 x 629 x 737 mm)
R2-52Z**	LF 2 x 12" MF 2 x 2" HF 1 x 1"	70 Hz - 16 kHz	107 dB	800W	4 ohms	50° x 20°	24.75 x 24.75 x 29 in. (629 x 629 x 737 mm)
RMG-200A (RMG-200AT)	MF 1 x 2"	400 Hz - 8 kHz	115 dB (114 dB)	150W (75W)	11 ohms (Various)	50° x 40°	9.75 x 17.5 x 25 in. (248 x 445 x 635 mm)
RSH-462	MF 4 x 2"	400 Hz - 8 kHz	118 dB	600W	11 ohms	60° x 20°	28.5 x 24.5 x 22.5 in. (724 x 622 x 572 mm)
R.5-V2200	MF 2 x 2"	450 Hz - 8 kHz	114 dB	300W	6 ohms	80° x 40°	16 x 16 x 16 in. (406 x 406 x 406 mm)
R6-BHMAX	LF 6 x 12"	44 Hz - 185 Hz	107 dB	6400W	4 ohms	360° x 180°	49 x 37 x 43.5 in. (1245 x 940 x 1105 mm)
R6-Basshorn	LF 6 x 12"	48 Hz - 185 Hz	107 dB	2400W	4 ohms	360° x 180°	49 x 37 x 43.5 in. (1245 x 940 x 1105 mm)

Highest representative output among various horn pattern options per model.
***EN54-24 certified version available for European requirements.*

R.15

R.25-94Z
R.25-94TZ

R.35COAX
R.35-3896
R.35-3896-EN**

R.5COAX
R.5Z, R.5TZ

R.5HP, R.5HPT
R.5MAX

R6-51BIAMP, R6-51MAX
R6-BASSHORN
R6-BHMAX
R6-51-EN**

RMG-200A
RMG-200AT

RSH-462

R1-Z
R1-EN**

R2-Z
R2MAX
R2-EN**

High Fidelity
Front Loaded

W SERIES

Premium Music Solutions

Elegant aesthetics and flat response in near field or distributed premium music applications

Model	Drivers	Operating Range	Sensitivity 1W/1m	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
W2-218 (W2-218T)	LF 1 x 8″ HF 1 x 1″	70 Hz - 18 kHz	93 dB (92 dB)	250W (100W)	8 ohms (Various)	80° x 60°	9.25 x 15.5 x 10.13 in. (235 x 394 x 257 mm)
W2-228 (W2-228T)	LF 1 x 8″ HF 1 x 1″	70 Hz - 18 kHz	96 dB (95 dB)	500W (200W)	4 ohms (Various)	85° x 85°	10.13 x 20 x 11.5 in. (257 x 508 x 292 mm)
W2-2W8 (W2-2W8)	LF 2 x 8″ HF 1 x 1″	65 Hz - 18 kHz	97 dB (96 dB)	500W (200W)	8 ohms (Various)	120° x 60°	10.13 x 20 x 11.5 in. (257 x 508 x 292 mm)

W2-218

W2-228

W2-2W8

High Performance
Outdoor Technology

I SERIES (WR)

Featuring PolyGlas™ Technology

I SERIES (WR) loudspeakers and subwoofers are manufactured with weather-resistant outdoor enclosures. Built for lifetime performance, we employ the same I SERIES transducers and components in a PolyGlas™ fiberglass-reinforced high strength durable composite enclosure.

PolyGlas™ Cabinet Construction

- Non-absorbent, will not deteriorate
- High specific strength - excellent structural stability
- Thermal stability - will not change size or shape
- Extremely durable with high impact resistance

Advantages vs. Fiberglass-Covered Plywood

- Equal acoustic performance and thermal insulation
- Will not crack or split
- Lighter weight

Manufacturing Advantages

- Built-to-order
- Standard delivery times
- Made in the USA

High Performance Outdoor Technology

I SERIES (WR)

I SERIES (WR)

High performance, high output modular loudspeaker systems with exceptional flexibility and discreet styling in weather-resistant enclosures. This series includes a modular vertical array system, medium-to-large format loudspeaker systems featuring front-loaded woofers and large constant directivity horns, and compact models with best-in-class LF extension and sensitivity.

Weather-Resistant (WR) PolyGlas™ versions expand the coverage options to include outdoor areas. WR models feature the same components and performance in similarly-styled durable enclosures virtually immune to the destructive effects of moisture and temperature cycling. Color-matched stainless steel U-Brackets are available for easy mounting of the Point Source, Compact and Subwoofer models.

Modular Vertical Array 600 (IV6)

Scalable and adaptive 600-level modular vertical array system includes built-in Passive Acoustic Optimization settings to tailor an array to any size venue

Point Source 800 (IP8)

800-level point source models offer high power superior performance for demanding applications and feature neodymium drivers

Point Source 600 (IP6)

600-level point source models address a broad range of installation needs and incorporate large-format ferrite drivers

Compact 600 (IC6)

600-level compact models complement the appearance, performance and voicing of the larger point source and subwoofer models for under-balcony, front-fill, side-fill and distributed applications

Subwoofer 800 (IS8)

Premium grade, high power subwoofers featuring neodymium drivers for applications demanding impactful and deep bass

Subwoofer 600 (IS6)

Medium power subwoofers featuring extended displacement ferrite drivers

Model	Drivers	Operating Range	Sensitivity (1W/1m)	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
IV6-1122WR05	LF 1 x 12″ HF 2 x 1″	40 Hz - 18.5 kHz	102 dB‡	800W	16 ohms (Nominal)	120° x 5° Max	14.0 x 28.1 x 16.6 in. (356 x 714 x 421 mm)
IV6-1122WR15	LF 1 x 12″ HF 2 x 1″	40 Hz - 18.5 kHz	100 dB‡	800W	16 ohms (Nominal)	120° x 15° Max	14.0 x 28.1 x 16.7 in. (355 x 714 x 425 mm)
IV6-118SWR†	LF 1 x 18″	37 Hz - 132 Hz	102 dB	1600W	8 ohms	360°x180°	20.0 x 28.1 x 28.1 in. (508 x 714 x 713 mm)
IP8-1122WR	LF 1 x 12″ HF 1 x 1.4″	43 Hz - 22.4 kHz	94 dB*	1600W	8 ohms	6 patterns**	28.0 x 14.5 x 17.7 in. (711 x 368 x 450 mm)
IP8-1152WR	LF 1 x 15″ HF 1 x 1.4″	30 Hz - 22.4 kHz	94 dB*	1600W	8 ohms	6 patterns**	30.8 x 16.5 x 20.1 in. (782 x 419 x 510 mm)
IP8-1153WR	LF 1 x 15″ MF 1 x 2″ HF 1 x 1.4″	33 Hz - 18.5 kHz	LF: 96 dB* MF/HF: 107 dB*	LF: 1200W MF/HF: 450W	LF: 8 ohms MF/HF: 8 ohms	60°x40° 60°x60° 90°x40°	39.0 x 22.1 x 26.3 in. (991 x 561 x 668 mm)
IP6-1122WR	LF 1 x 12″ HF 1 x 1.4″	37 Hz - 19 kHz	94 dB*	1200W	8 ohms	6 patterns**	28.0 x 14.5 x 17.7 in. (711 x 368 x 450 mm)
IP6-1152WR	LF 1 x 15″ HF 1 x 1.4″	30 Hz - 19.5 kHz	95 dB*	1200W	8 ohms	6 patterns**	30.8 x 16.5 x 20.1 in. (782 x 419 x 510 mm)
IC6-1062WR (IC6-1062WT)	LF 1 x 6.5″ HF 1 x 1″	56 Hz - 18.5 kHz	92 dB	300W	8 ohms (Various)	100°x100°	14.3 x 8.0 x 8.9 in. (363 x 203 x 227 mm)
IC6-1082WR (IC6-1082WT)	LF 1 x 8″ HF 1 x 1″	53 Hz - 19.5 kHz	95 dB*	500W	8 ohms (Various)	90°x60° 120°x 60°	18.75 x 10.4 x 10.6 in. (476 x 264 x 270 mm)
IC6-2082WR (IC6-2082WT)	LF 2 x 8″ HF 1 x 1″	49 Hz - 20 kHz	100 dB*	600W	16 ohms (Various)	90°x60° 120°x 60°	11.3 x 22.5 x 10.6 in. (287 x 571 x 270 mm)
IS8-112WR†	LF 1 x 12″	38 Hz - 148 Hz	95 dB	2000W	8 ohms	360°x180°	14.3 x 14.5 x 21.0 in. (363 x 368 x 533 mm)
IS8-115WR†	LF 1 x 15″	36 Hz - 155 Hz	99 dB	2000W	8 ohms	360°x180°	19.8 x 16.5 x 23.4 in. (503 x 419 x 593 mm)
IS8-118WR†	LF 1 x 18″	31 Hz - 145 Hz	99 dB	3200W	8 ohms	360°x180°	19.8 x 22.1 x 28.9 in. (503 x 561 x 734 mm)
IS8-212WR†	LF 2 x 12″	38 Hz - 140 Hz	98 dB	4000W	4 ohms	360°x180°	28.0 x 14.5 x 21.0 in. (711 x 368 x 533 mm)
IS8-215WR†	LF 2 x 15″	36 Hz - 140 Hz	102 dB	4000W	4 ohms	360°x180°	39.0 x 16.5 x 23.4 in. (991 x 419 x 593 mm)
IS8-218WR†	LF 2 x 18″	31 Hz - 150 Hz	102 dB	6400W	4 ohms	360°x180°	39.0 x 22.1 x 28.9 in. (991 x 561 x 734 mm)
IS6-112WR†	LF 1 x 12″	39 Hz - 150 Hz	100 dB	1400W	8 ohms	360°x180°	14.3 x 14.5 x 21.0 in. (363 x 368 x 533 mm)
IS6-115WR†	LF 1 x 15″	37 Hz - 140 Hz	102 dB	1400W	8 ohms	360°x180°	19.8 x 16.5 x 23.4 in. (503 x 419 x 593 mm)
IS6-118WR†	LF 1 x 18″	32 Hz - 145 Hz	104 dB	1400W	8 ohms	360°x180°	19.8 x 22.1 x 29.9 in. (503 x 561 x 734 mm)
IS6-212WR†	LF 2 x 12″	38 Hz - 150 Hz	103 dB	2800W	4 ohms	360°x180°	28.0 x 14.5 x 21.0 in. (711 x 368 x 533 mm)
IS6-215WR†	LF 2 x 15″	37 Hz - 145 Hz	105 dB	2800W	4 ohms	360°x180°	39.0 x 16.5 x 23.4 in. (991 x 419 x 593 mm)
IS6-218WR†	LF 2 x 18″	32 Hz - 145 Hz	107 dB	2800W	4 ohms	360°x180°	39.0 x 22.1 x 28.9 in. (991 x 561 x 734 mm)

†All subwoofer specifications are for half-space conditions.
‡ Sensitivity value with 1 cabinet measured. Refer to the spec sheet for additional information.
**Highest representative output among various horn pattern options per model.*
***IP8-1122, IP8-1152, IP6-1122 and IP6-1152 horn pattern options are 60°x 40°, 60°x 60°, 90°x 40°, 90°x 60°, 90°x 90° and 120°x 60°.*

IV6 (WR)

IV6-1122WR05 (X3)
IV6-1122WR15 (X1)

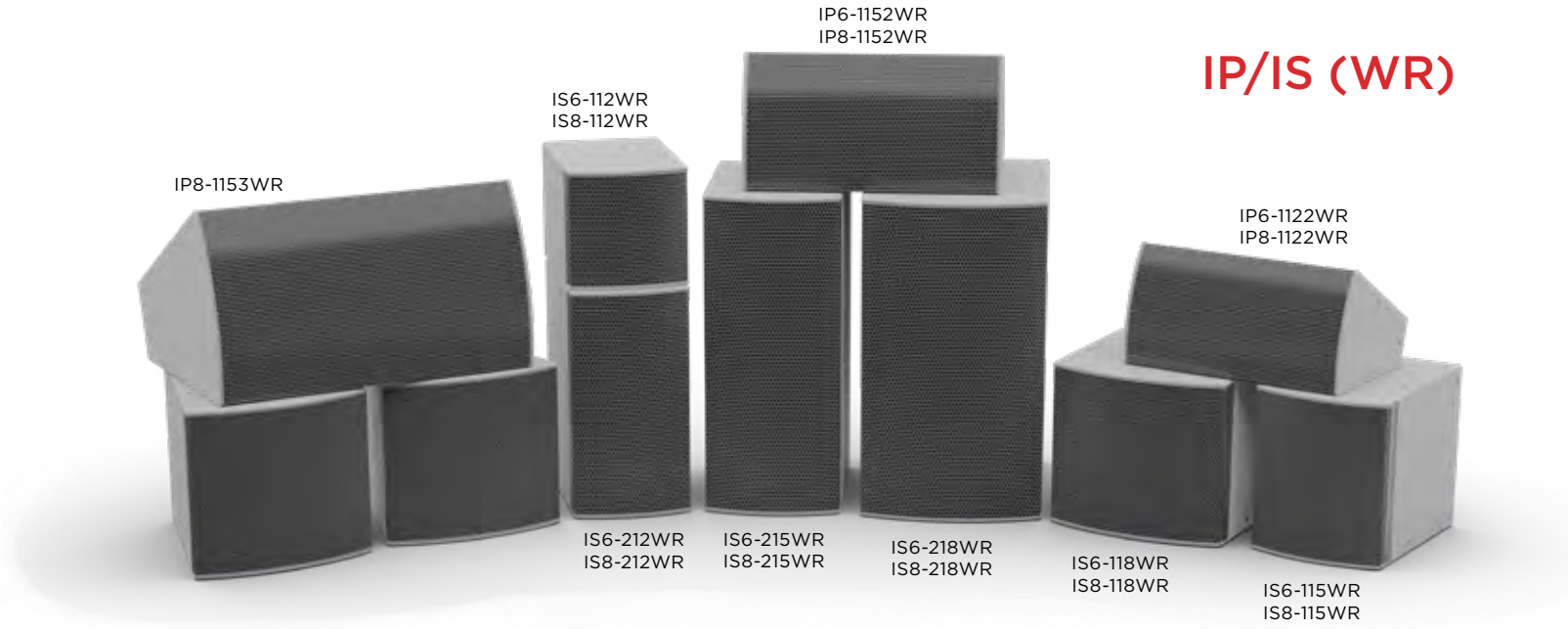
IV6-1122WR05

IV6-1122WR15

IV6-118SWR

IV6 mounting options available from Polar Focus (www.linearrayframes.com)

IP/IS (WR)



IC6 (WR)

IC6-2082WR
IC6-1062WR
IC6-1082WR

DISTRIBUTED
Loudspeaker Systems

UNIFORM VOICING | CONSISTENT COVERAGE

Versatile ceiling, surface mount and pendant loudspeaker configurations for creating seamless, widely distributed music and voice listening experiences

C

C SERIES
Cost-effective and uniformly voiced traditional ceiling, surface mount and pendant systems

D

D SERIES
High performance, high-fidelity, architecturally-styled ceiling, surface mount and pendant systems

Cost-Effective Uniform Voicing

C SERIES

Ceiling Loudspeakers

Standard and low profile, low wattage 70V/100V autoformers, multiple driver size configurations

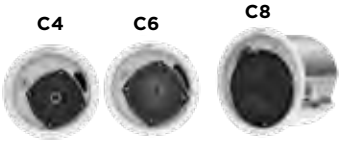
Surface Mount Loudspeakers

Outdoor-ready coaxial system, pan and tilt yoke, voice-matched to C SERIES ceiling and pendant styles

Pendant Loudspeakers

Elegant full-range loudspeakers, voice-matched to C SERIES ceiling and surface mount styles

Model	Drivers	Operating Range	Sensitivity (1W/1m)	Power Handling (PGM)	Impedance	Dispersion	Dimensions H x W x D
C4	LF 1 x 4.5″ HF 1 x ¾″	75 Hz - 13.5 kHz	91 dB	120W	8 ohms or 70V/100V	130° conical	8.3 x 8.3 x 5.5 in (211 x 211 x 140 mm)
C6	LF 1 x 6.5″ HF 1 x ¾″	70 Hz - 13.5 kHz	91 dB	120W	8 ohms or 70V/100V	120° conical	9.8 x 9.8 x 6.5 in. (249 x 249 x 165 mm)
C8	LF 1 x 8″ HF 1 x ¾″	65 Hz - 13.5 kHz	91 dB	120W	8 ohms or 70V/100V	120° conical	11.3 x 11.3 x 7.6 in. (287 x 287 x 192 mm)
CS6	LF 1 x 6.5″ HF 1 x ¾″	65 Hz - 13.5 kHz	90 dB	120W	8 ohms or 70V/100V	120° conical	7 x 11.8 x 10.7 in. (177 x 300 x 272 mm)
CP6	LF 1 x 6.5″ HF 1 x ¾″	70 Hz - 13.5 kHz	91 dB	120W	8 ohms or 70V/100V	120° conical	13.6 x 10 x 10 in. (346 x 254 x 254 mm)



High Performance High Fidelity | Uniform Voicing

D SERIES

Ceiling Loudspeakers

Six uniformly voiced models, HF compression driver fidelity, high efficiency and quick install features

Surface Mount Loudspeakers

High output, high quality, stylish outdoor-ready coaxial systems, voice-matched to D SERIES ceiling and pendant styles

Pendant Loudspeakers

Elegant, high output systems, ideal for high ceiling applications, voice-matched to other D SERIES styles

Model	Drivers	Operating Range	Sensitivity (1W/1m)	Power Handling (PGM)	Impedance	Dispersion	Dimensions H x W x D
D4LP	LF 1 x 4.5″ HF 1 x ¾″	90 Hz - 18.5 kHz	92 dB	120W	8 ohms or 70V/100V	140° conical	9.5 x 9.5 x 3.6 in. (242 x 242 x 92 mm)
D4	LF 1 x 4.5″ HF 1 x ¾″	62 Hz - 18.5 kHz	91 dB	120W	8 ohms or 70V/100V	140° conical	9.5 x 9.5 x 6.8 in (242 x 242 x 173 mm)
D5	LF 1 x 5″ HF 1 x 1″	65 Hz - 22 kHz	93 dB	200W	8 ohms or 70V/100V	130° conical	9.5 x 9.5 x 6.8 in. (242 x 242 x 173 mm)
D6	LF 1 x 6.5″ HF 1 x 1″	65 Hz - 22 kHz	94 dB	200W	8 ohms or 70V/100V	125° conical	11 x 11 x 6.8 in. (280 x 280 x 173 mm)
D8	LF 1 x 8″ HF 1 x 1.25″	60 Hz - 22 kHz	95 dB	300W	8 ohms or 70V/100V	115° conical	13 x 13 x 8.2 in. (330 x 330 x 208 mm)
D10	LF 1 x 10″ HF 1 x 1.25″	58 Hz - 22 kHz	98 dB	400W	8 ohms or 70V/100V	100° conical	15 x 15 x 10 in. (380 x 380 x 253 mm)
D10SUB[1]	LF 1 x 10″	42 Hz - 200 Hz	93 dB	400W	8 ohms or 70V/100V	180° conical	15 x 15 x 10 in. (380 x 380 x 253 mm)
DS5	LF 1 x 5″ HF 1 x 1″	65 Hz - 22 kHz	93 dB	200W	8 ohms or 70V/100V	130° conical	12.9 x 6.3 x 7.5 in. (328 x 160 x 191 mm)
DS8	LF 1 x 8″ HF 1 x 1.25″	60 Hz - 22 kHz	95 dB	300W	8 ohms or 70V/100V	115° conical	18.5 x 9 x 10.1 in (470 x 230 x 257 mm)
DP6	LF 1 x 6.5″ HF 1 x 1″	65 Hz - 22 kHz	94 dB	200W	8 ohms or 70V/100V	125° conical	14.73 x 11.22 in. (374 x 285 mm)
DP8	LF 1 x 8″ HF 1 x 1.25″	60 Hz - 22 kHz	95 dB	300W	8 ohms or 70V/100V	115° conical	17.72 x 13.41 in. (450 x 341 mm)

[1]*Subwoofer specifications are for typical installation conditions.*

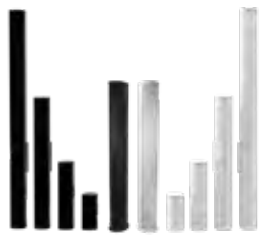
ENGINEERED
Loudspeaker Systems

APPLICATION DEFINED ELEGANT SOLUTIONS

Modular loudspeaker systems with diverse form factors and performance characteristics that allow system designers to develop venue-specific acoustic and architectural solutions for any application

E

E SERIES
Column-format loudspeaker systems for a diverse range of applications



V

V SERIES
Versatile, cost-effective loudspeaker systems designed for small to medium-sized venues

I

I SERIES
High performance, high output modular loudspeaker systems with exceptional flexibility and discreet styling

Discreet Column Format
Extremely Versatile
E SERIES

ENTASYS Column Line Source

Scalable, high output, modular column systems exhibiting true line array performance; for any small to large size venue or application

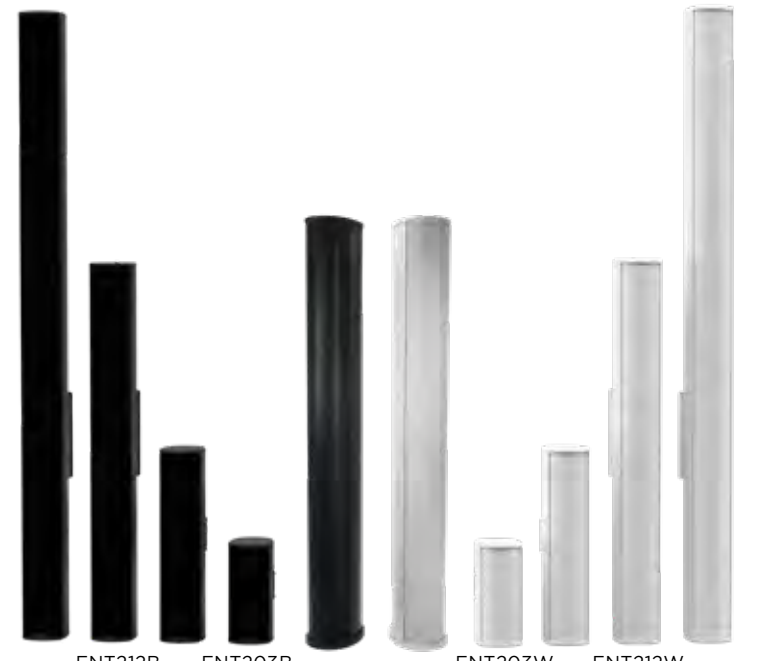
ENTASYS 200 Column Point Source

Column systems exhibiting point source-like, constant directivity behavior; for any small to medium size venue or distributed application

Community E SERIES loudspeaker data files are available for EASE® and EASE® Focus acoustic modeling software to facilitate optimum system design. (EASE® and EASE® Focus are products of AFMG Technologies GmbH.)

Model	Drivers	Operating Range	Sensitivity (1W/1m)	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
ENT-FR	LF 6 x 3.5" MF 18 x 2.35" HF 6 x 7" CRE	200 Hz - 20 kHz	93 dB	1200W	12 ohms	120° x 12°* (or 120° x 6°)*	44.5 x 5.5 x 7.36 in. (1129 x 140 x 187 mm)
ENT-LF	LF 6 x 3.5"	200 Hz - 1.6 kHz	90 dB	1200W	12 ohms	N/A**	44.5 x 5.5 x 7.36 in. (1129 x 140 x 187 mm)
ENT203	LF 3 x 80mm HF 1 x CRE	150 Hz - 22 kHz	92 dB	150W	16 ohms	140° x 40°	10.3 x 4.62 x 7.47 in. (262 x 117 x 189 mm)
ENT206	LF 6 x 80mm HF 2 x CRE	120 Hz - 22 kHz	93 dB	300W	8 ohms	140° x 20°	19.9 x 4.62 x 7.47 in. (506 x 117 x 189 mm)
ENT212	LF 12 x 80mm HF 4 x CRE	100 Hz - 22 kHz	96 dB	650W	8 ohms	140° x 15°	39.1 x 4.62 x 7.47 in. (993 x 117 x 189 mm)
ENT220	LF 20 x 80mm HF 4 x CRE	80 Hz - 22 kHz	97 dB	1000W	8 ohms	140° x 15°	64.6 x 4.62 x 7.47 in. (1643 x 117 x 189 mm)

** Vertical dispersion is user-adjustable and determined by the array configuration and number of elements. Use of EASE or EASE Focus acoustic modeling software is recommended.*
***Using the ENT-LF low frequency extension column(s) enhances vertical pattern control at lower frequencies.*



ENT212B ENT203B ENT-FR (B/W) ENT203W ENT212W
ENT220B ENT206B ENT-LF (B/W) ENT206W ENT220W

Cost-Effective
Small to Medium Venues

V SERIES

Point Source Loudspeakers

Medium to large format constant directivity systems featuring front-loaded woofers for front-of-house applications

Compact Point Source

Front-loaded, small-scale loudspeakers for use in near field and distributed applications

Stage Monitors

Versatile, affordable, low-profile stage monitors, suitable for any Engineered Systems application

Subwoofers

Versatile, affordable, low-profile subwoofers, suitable for any Engineered Systems application

Model	Drivers	Operating Range	Sensitivity (1W/1m)	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
V2-1296	LF 1 x 12″ HF 1 x 1″	60 Hz - 18 kHz	98 dB	400W	8 ohms	90° x 60°	23.9 x 15.4 x 14.3 in. (608 x 390 x 362 mm)
V2-1596	LF 1 x 15″ HF 1 x 1″	60 Hz - 18 kHz	98 dB	400W	8 ohms	90° x 60°	27.2 x 18.4 x 15.9 in. (690 x 467 x 404 mm)
V2-3294	LF 1 x 12″ MF 1 x 6.5″ HF 1 x 1″	60 Hz - 18 kHz	99 dB	400W	8 ohms	90° x 40°	29.3 x 17.4 x 15.4 in. (744 x 441 x 390 mm)
V2-3594	LF 1 x 15″ MF 1 x 6.5″ HF 1 x 1″	55 Hz - 18 kHz	99 dB	400W	8 ohms	90° x 40°	32.4 x 18.4 x 15.9 in. (824 x 467 x 404 mm)
V2-6	LF 1 x 6″ HF 1 x 1″	90 Hz - 18 kHz	92 dB	200W	8 ohms	90° x 70°	15.5 x 9.8 x 10.15 in. (395 x 249 x 258 mm)
V2-8 (V2-8T)	LF 1 x 8″ HF 1 x 1″	70 Hz - 18 kHz	92 dB	300W (100W)	8 ohms (Various)	90° x 70°	17 x 11.3 x 11.7 in. (433 x 287 x 298 mm)
V2-26	LF 2 x 6″ HF 1 x 1″	70 Hz - 18 kHz	92 dB	400W	4 ohms	90° x 70°	22.5 x 9.8 x 10.1 in. (573 x 249 x 258 mm)
V2-28 (V2-28T)	LF 2 x 8″ HF 1 x 1″	60 Hz - 18 kHz	94 dB	600W (200W)	4 ohms (Various)	90° x 70°	25.5 x 11.3 x 11.7 in. (649 x 287 x 298 mm)
MX8	LF 1 x 8″ HF 1 x 1.25″	80 Hz - 18 kHz	96 dB	300W	8 ohms	115° conical	10.4 x 10.8 x 14.5 in. (263 x 275 x 367 mm)
MX10	LF 1 x 10″ HF 1 x 1.25″	70 Hz - 18 kHz	99 dB	400W	8 ohms	100° conical	10.8 x 12.6 x 16.5 in. (275 x 321 x 419 mm)
VLF208'	LF 2 x 8″	60 Hz - 160 Hz	96 dB	600W	4 ohms	360° x 180°	8.25 x 21.75 x 13 in. (210 x 552 x 330 mm)
VLF208LV'	LF 2 x 8″	30 Hz - 1000 Hz	93 dB	800W	4 ohms	360° x 180°	10.2 x 21.75 x 21.75 in. (210 x 552 x 330 mm)
V2-212S'	LF 2 x 12″	37 Hz - 500 Hz	98 dB	600W	4 ohms	360° x 180°	13.9 x 35.9 x 17.9 in. (354 x 912 x 455 mm)
V2-215S'	LF 2 x 15″	37 Hz - 2 kHz	97 dB	800W	4 ohms	360° x 180°	18.4 x 37.4 x 20.4 in. (468 x 950 x 518 mm)

'All subwoofer specifications are for half-space conditions.

VLF208LV

High Performance
High Output
I SERIES

High performance, high output modular loudspeaker systems with exceptional flexibility and discreet styling. This series includes a modular vertical array system, medium-to-large format loudspeaker systems featuring front-loaded woofers and large constant directivity horns, and compact models with best-in-class LF extension and sensitivity. A wide range of BalancePoint™ Flyware installation hardware is available.

Point Source 800 (IP8)

800-level point source models offer high power superior performance for demanding applications and feature neodymium drivers

Point Source 600 (IP6)

600-level point source models address a broad range of installation needs and incorporate large-format ferrite drivers

Subwoofer 800 (IS8)

Premium grade, high power subwoofers featuring neodymium drivers for applications demanding impactful and deep bass

Subwoofer 600 (IS6)

Medium power subwoofers featuring extended displacement ferrite drivers

All I SERIES data files are available on the Biamp website and can be used in EASE® software. Biamp's exclusive Passive Acoustic Optimization and Rigging Safety Check modules, facilitating safe and optimum system design, are available when using IV6 loudspeaker data files in EASE® Focus 3 acoustic modeling software. (EASE® and EASE® Focus 3 are products of AFMG Technologies GmbH).

Model	Drivers	Operating Range	Sensitivity (1W/1m)	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
IP8-1122	LF 1 x 12″ HF 1 x 1.4″	43 Hz - 22.4 kHz	94 dB*	1600W	8 ohms	6 patterns**	28.0 x 14.5 x 17.7 in. (711 x 368 x 450 mm)
IP8-1152	LF 1 x 15″ HF 1 x 1.4″	30 Hz - 22.4 kHz	94 dB*	1600W	8 ohms	6 patterns**	30.8 x 16.5 x 20.1 in. (782 x 419 x 510 mm)
IP8-1153	LF 1 x 15″ MF 1 x 2″ HF 1 x 1.4″	33 Hz - 18.5 kHz	LF: 96 dB* MF/HF: 107 dB*	LF: 1200W MF/HF: 450W	LF: 8 ohms MF/HF: 8 ohms	60° x 40° 60° x 60° 90° x 40°	39.0 x 22.1 x 26.3 in. (991 x 561 x 668 mm)
IP6-1122	LF 1 x 12″ HF 1 x 1.4″	37 Hz - 19 kHz	94 dB*	1200W	8 ohms	6 patterns**	28.0 x 14.5 x 17.7 in. (711 x 368 x 450 mm)
IP6-1152	LF 1 x 15″ HF 1 x 1.4″	30 Hz - 19.5 kHz	95 dB*	1200W	8 ohms	6 patterns**	30.8 x 16.5 x 20.1 in. (782 x 419 x 510 mm)
IS8-112'	LF 1 x 12″	38 Hz - 148 Hz	95 dB	2000W	8 ohms	360° x 180°	14.3 x 14.5 x 21.0 in. (363 x 368 x 533 mm)
IS8-115'	LF 1 x 15″	36 Hz - 155 Hz	99 dB	2000W	8 ohms	360° x 180°	19.8 x 16.5 x 23.4 in. (503 x 419 x 593 mm)
IS8-118'	LF 1 x 18″	31 Hz - 145 Hz	99 dB	3200W	8 ohms	360° x 180°	19.8 x 22.1 x 28.9 in. (503 x 561 x 734 mm)
IS8-212'	LF 2 x 12″	38 Hz - 140 Hz	98 dB	4000W	4 ohms	360° x 180°	28.0 x 14.5 x 21.0 in. (711 x 368 x 533 mm)
IS8-215'	LF 2 x 15″	36 Hz - 140 Hz	102 dB	4000W	4 ohms	360° x 180°	39.0 x 16.5 x 23.4 in. (991 x 419 x 593 mm)
IS8-218'	LF 2 x 18″	31 Hz - 150 Hz	102 dB	6400W	4 ohms	360° x 180°	39.0 x 22.1 x 28.9 in. (991 x 561 x 734 mm)
IS6-112'	LF 1 x 12″	39 Hz - 150 Hz	100 dB	1400W	8 ohms	360° x 180°	14.3 x 14.5 x 21.0 in. (363 x 368 x 533 mm)
IS6-115'	LF 1 x 15″	37 Hz - 140 Hz	102 dB	1400W	8 ohms	360° x 180°	19.8 x 16.5 x 23.4 in. (503 x 419 x 593 mm)
IS6-118'	LF 1 x 18″	32 Hz - 145 Hz	104 dB	1400W	8 ohms	360° x 180°	19.8 x 22.1 x 29.9 in. (503 x 561 x 734 mm)
IS6-212'	LF 2 x 12″	38 Hz - 150 Hz	103 dB	2800W	4 ohms	360° x 180°	28.0 x 14.5 x 21.0 in. (711 x 368 x 533 mm)
IS6-215'	LF 2 x 15″	37 Hz - 145 Hz	105 dB	2800W	4 ohms	360° x 180°	39.0 x 16.5 x 23.4 in. (991 x 419 x 593 mm)
IS6-218'	LF 2 x 18″	32 Hz - 145 Hz	107 dB	2800W	4 ohms	360° x 180°	39.0 x 22.1 x 28.9 in. (991 x 561 x 734 mm)

' All subwoofer specifications are for half-space conditions.
** Highest representative output among various horn pattern options per model.*
*** IP8-1122, IP8-1152, IP6-1122 and IP6-1152 horn pattern options are 60° x 40°, 60° x 60°, 90° x 40°, 90° x 60°, 90° x 90° and 120° x 60°.*

All models are available in Black or White.

High Performance
High Output
I SERIES

Compact 600 (IC6)

600-level compact models complement the appearance, performance and voicing of the larger point source and subwoofer models for under-balcony, front-fill, side-fill and distributed applications

Modular Vertical Array

600 (IV6)

Scalable and adaptive 600-level modular vertical array system includes built-in Passive Acoustic Optimization settings to tailor an array to any size venue

Biamp's exclusive Passive Acoustic Optimization and Rigging Safety Check modules, facilitating safe and optimum system design, are available when using IV6 loudspeaker data files in EASE® Focus 3 acoustic modeling software. (EASE® and EASE® Focus 3 are products of AFMG Technologies GmbH).

Model	Drivers	Operating Range	Sensitivity (1W/1m)	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
IC6-1062 (IC6-1062T)	LF 1 x 6.5" HF 1 x 1"	56 Hz - 18.5 kHz	92 dB	300W	8 ohms (various)	100° x 100°	14.3 x 8.0 x 8.9 in. (363 x 203 x 227 mm)
IC6-1082 (IC6-1082T)	LF 1 x 8" HF 1 x 1"	53 Hz - 19.5 kHz	95 dB*	500W	8 ohms (various)	90° x 60° 120° x 60°	18.75 x 10.4 x 10.6 in. (476 x 264 x 270 mm)
IC6-2082 (IC6-2082T)	LF 2 x 8" HF 1 x 1"	49 Hz - 20 kHz	100 dB*	600W	16 ohms (various)	90° x 60° 120° x 60°	11.3 x 22.5 x 10.6 in. (287 x 571 x 270 mm)
IV6-1122/05	LF 1 x 12" HF 2 x 1"	40 Hz - 18.5 kHz	102 dB‡	800W	16 ohms (Nominal)	120° x 5° Max	14.0 x 28.1 x 16.6 in. (356 x 714 x 421 mm)
IV6-1122/15	LF 1 x 12" HF 2 x 1"	40 Hz - 18.5 kHz	100 dB‡	800W	16 ohms (Nominal)	120° x 15° Max	14.0 x 28.1 x 16.7 in. (355 x 714 x 425 mm)
IV6-118S†	LF 1 x 18"	37 Hz - 132 Hz	102 dB	1600W	8 ohms	360° x 180°	20.0 x 28.1 x 28.1 in. (508 x 714 x 713 mm)

† *All subwoofer specifications are for half-space conditions.*
‡ *Sensitivity value with 1 cabinet measured. Refer to the spec sheet for additional information.*

IC6-1082 IC6-2082 IC6-1062

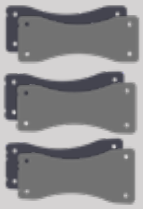
6-ELEMENT IV6 ARRAY ON A GLIDEPOINT™ ARRAY FRAME

IV6-1122/05 IV6-1122/15

IV6-118S

I SERIES
Modular Vertical Array Rigging

Splay Brackets

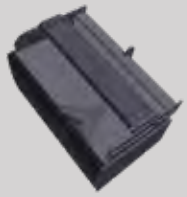


GlidePoint™ Array Frame

Sub Behind Array Frame

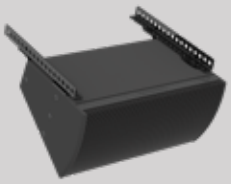
Light Array Frame and Pullback Bar

Light Array Frame U-Bracket Adapter

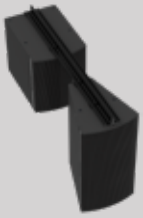


BalancePoint™ Flyware

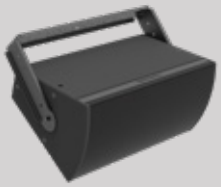
BalancePoint Fly Rails



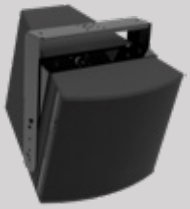
Subwoofer Behind BalancePoint Fly Rails



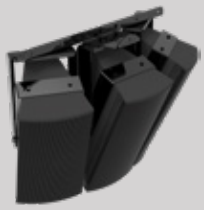
U-Bracket



Vertical Yoke



Isometric Array Frame

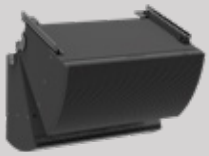


Dual Horizontal Splay

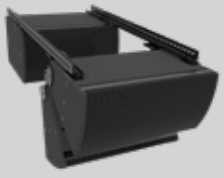
Horizontal Splay Bracket with BalancePoint Fly Rails

Horizontal Array Bracket with BalancePoint Fly Rails

Vertical Splay



Vertical Splay Bracket with BalancePoint Fly Rails



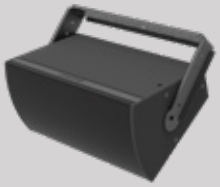
Vertical Array Brackets with BalancePoint Fly Rails

Dual Vertical Splay with BalancePoint Fly Rails

Downfill Splay Bracket

Horizontal/Vertical Splay Bracket

Weather-Resistant U-Bracket for I SERIES (WR)



AMPLIFIED LOUDSPEAKER CONTROLLERS

SYSTEM MANAGEMENT

Consistent, repeatable system performance in any application utilizing a complete factory-approved signal chain, including processing and well-defined Amplifier / Loudspeaker pairings

Defined Processing
Optimized Power | System Management

Amplified Loudspeaker Controllers

Biamp recommends our series of Community Amplified Loudspeaker Controllers for all small to medium sized Community loudspeaker applications. The Amplified Loudspeaker Controllers provide all of the signal routing, zone switching, DSP processing, protective limiting, remote monitoring, and amplification functions needed between a mixer and the loudspeakers in virtually any Community loudspeaker application.

Model	Power @ 2Ω	Power @ 4Ω	Power @ 8Ω	Bridged @ 4Ω	Bridged @ 8Ω	70V	100V	Max Output Voltage @ Lo-Z
ALC-404D	4 x 400W	4 x 400W	4 x 400W	2 x 800W	2 x 800W	4 x 400W	4 x 400W	80 Vpk
ALC-1604D	4 x 1600W	4 x 1400W	4 x 1250W	2 x 3200W	2 x 2800W	4 x 1600W	4 x 1600W	142 Vpk
ALC-3202D	2 x 3200W	2 x 2400W	2 x 1250W	1 x 6400W	1 x 4800W	2 x 3200W	2 x 3200W	142 Vpk

SOFTWARE

PROCESSING

- Fast and easy access to complete Community loudspeaker library
- Factory-optimized multi-stage loudspeaker protection limiters
- 1024 Tap FIR Linear Phase loudspeaker processing

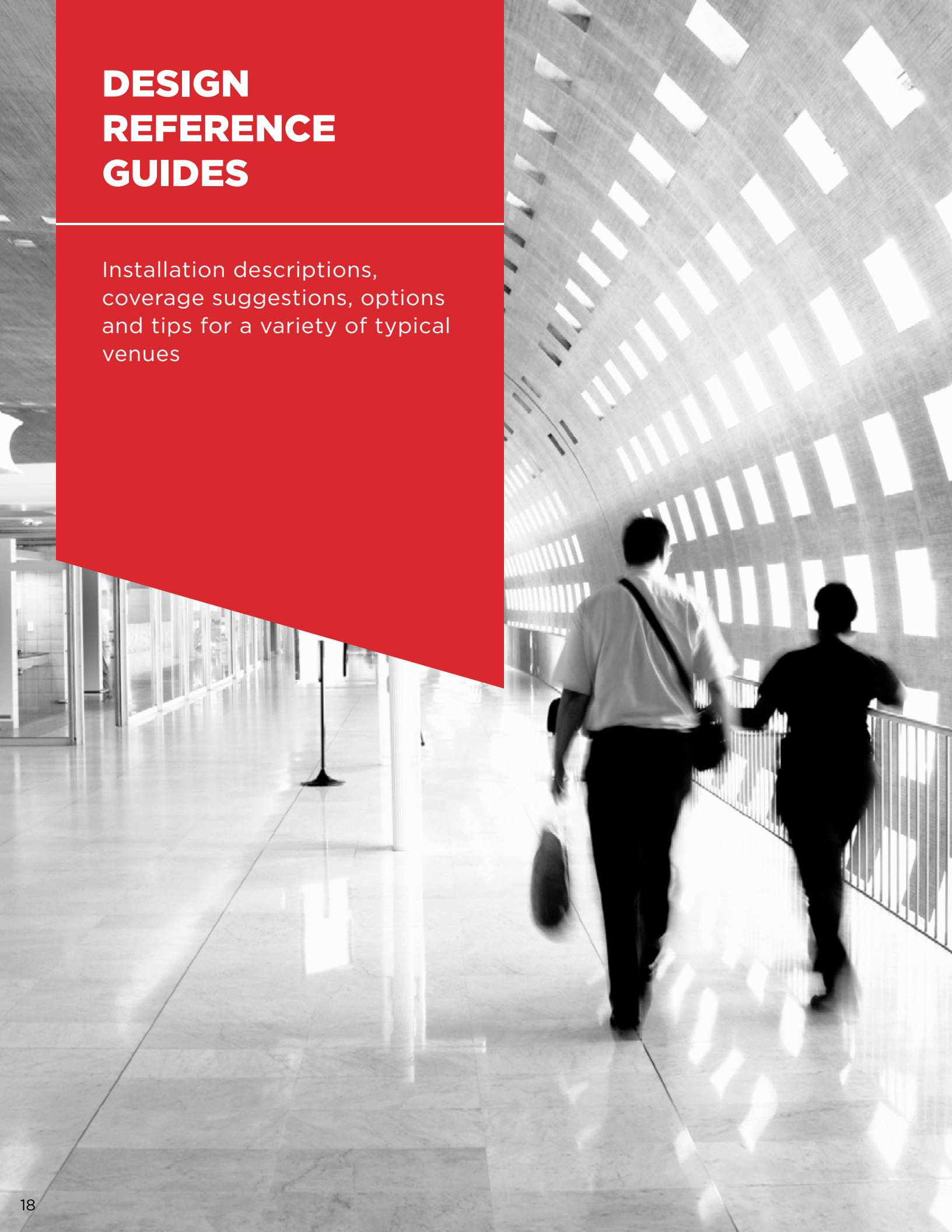
SYSTEM MANAGEMENT

- Easily configured system control for small to medium venues
- Intuitive "Drag and Drop" visual system design software
- Third party integration: Dante®, AES67 and others

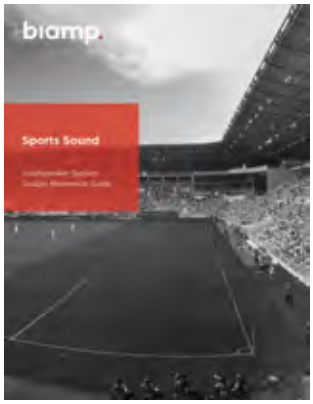
Optimized power and processing for every Community loudspeaker. Fast and easy system design with ArmoníaPlus®. Consistent, reliable and repeatable system performance.

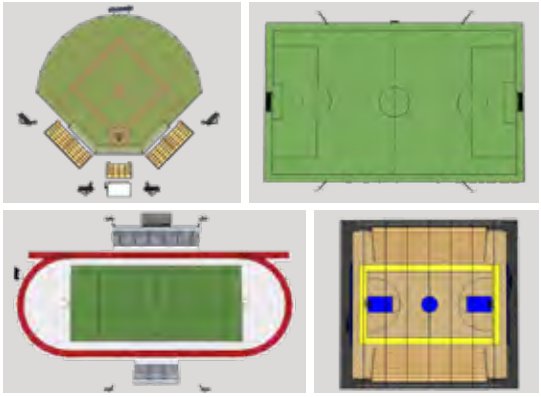
DESIGN REFERENCE GUIDES

Installation descriptions, coverage suggestions, options and tips for a variety of typical venues



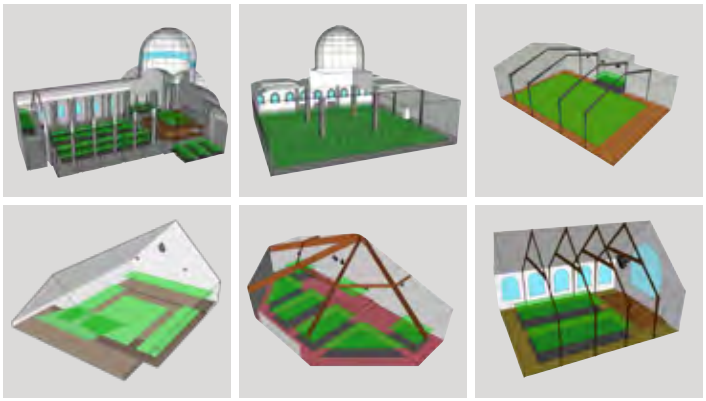
Sports Sound



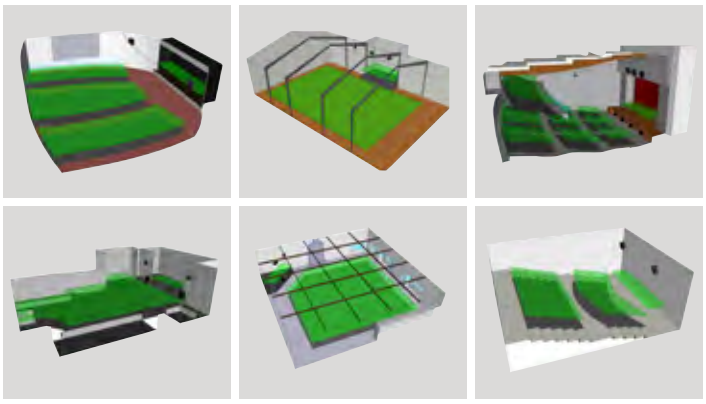


Biamp's Loudspeaker System Design Reference Guides, with installation templates and practical tips, are available for download at www.biamp.com/community

Houses of Worship

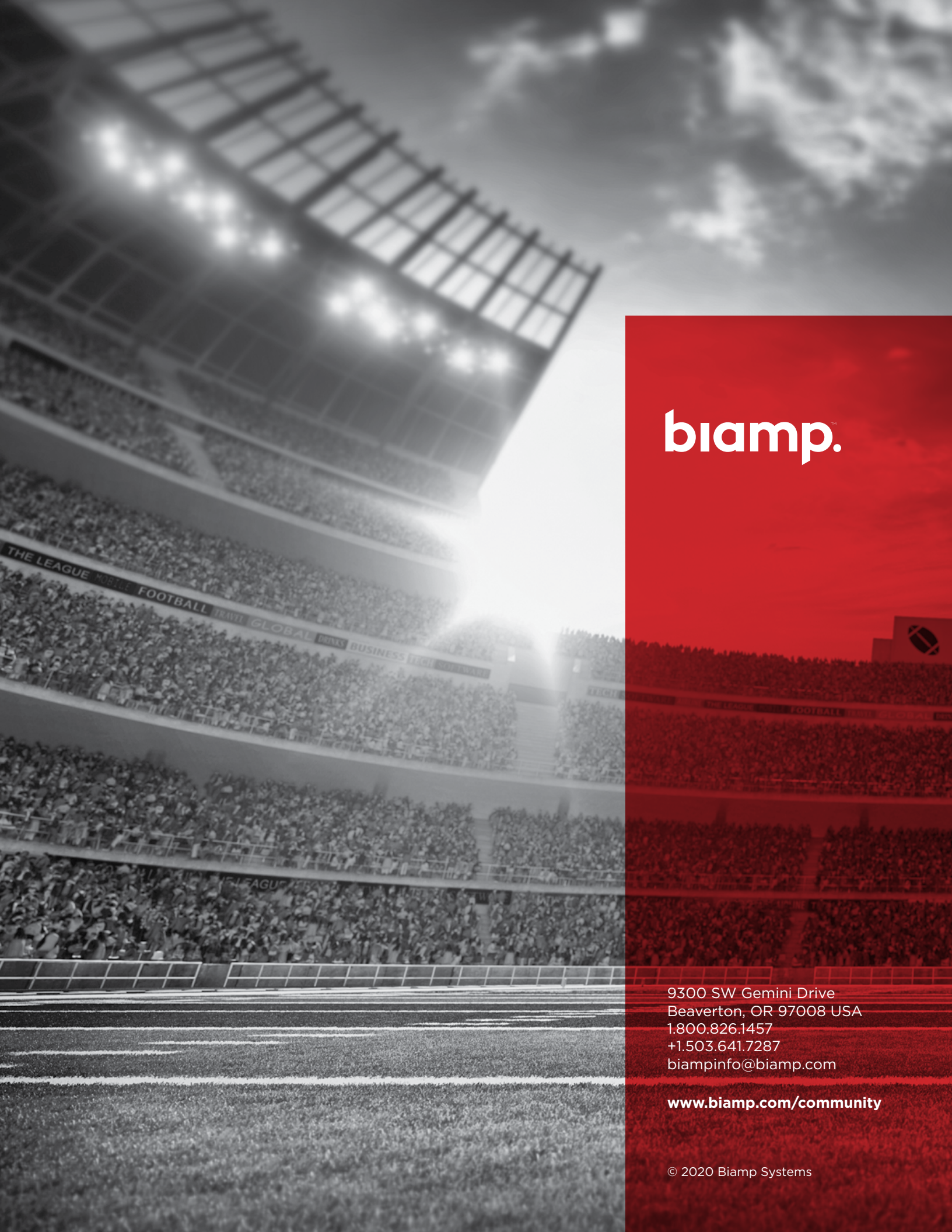


Presentation and Performance



TECHNICAL SUPPORT

Biamp's Large Venue Applications Engineers are technical experts on Community loudspeakers and sound system design. The team provides technical support, offers product suggestions, and reviews designs using Community products to create recommendations for optimal loudspeaker choices. Contact Biamp's tech support team at support@biamp.com.



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