LOUDSPEAKER CATALOG

Fixed install audio solutions for every space

Grand Opera House
Wilmington, Delaware

CONTENTS

1) PERFORMANCE & SPECIALTY

- V Series Point Source 7
- V Series Subwoofers 10
- W Series 11
- R Series Point Source 13
- Horns & Voice Projection 16
- I Series 17
- L Series 24
- PolyGlas Technology 26

2) BUSINESS AUDIO

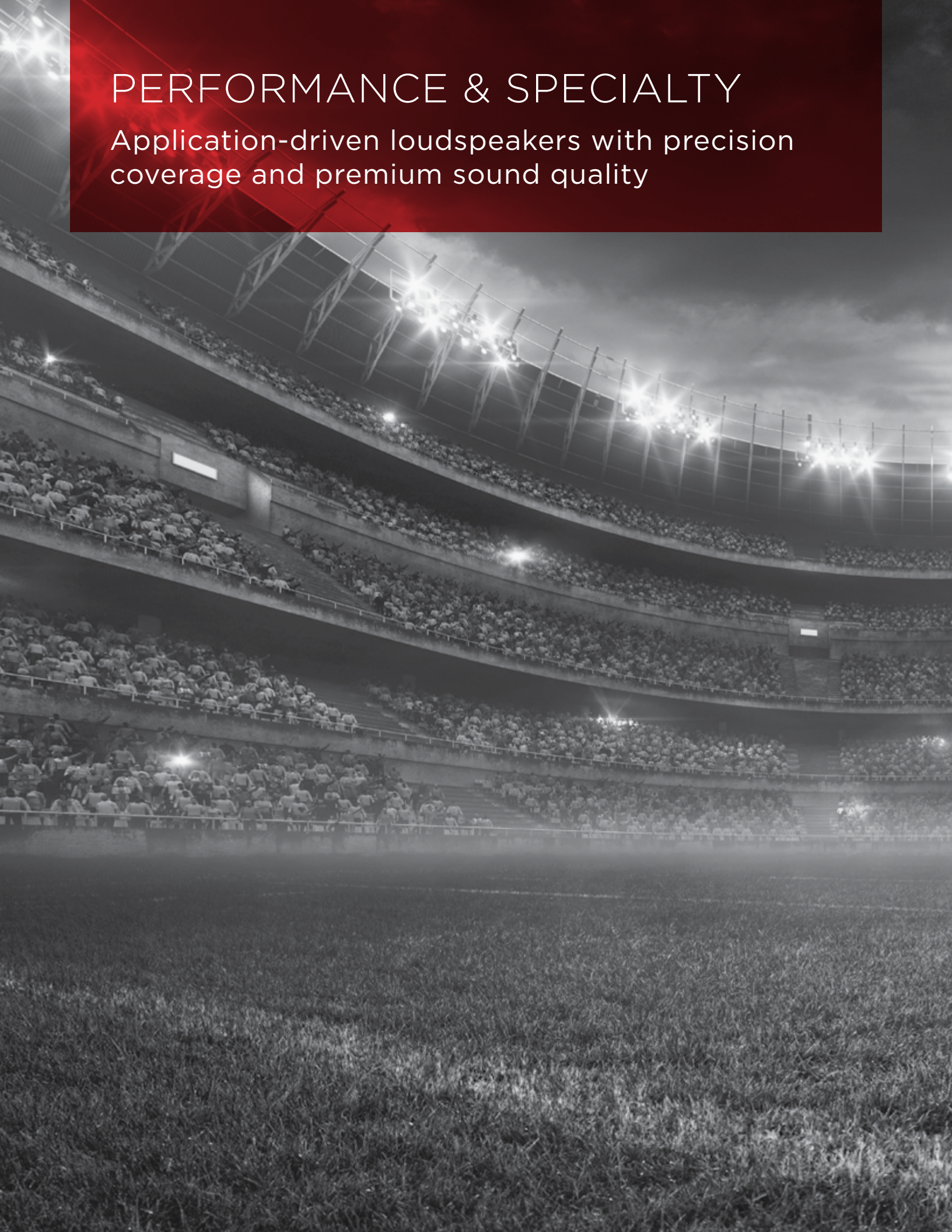
- Ceiling Mount 31
- Pendant 34
- Surface Mount 36
- Column 40
- Subwoofers 44

3) COMMERCIAL

- Ceiling Mount 48
- Surface Mount 54
- Pendant 60
- Horns & Music Projectors 61

PERFORMANCE & SPECIALTY

Application-driven loudspeakers with precision coverage and premium sound quality



Community™ loudspeakers are engineered to provide excellent acoustic performance, flexibility, and elegant aesthetics for a diverse range of applications. Serving as world-leading loudspeaker solutions for indoor and outdoor sound reinforcement, our models offer exceptional features and benefits designed to exceed the needs of your next project.

- High-performance loudspeakers for demanding applications requiring premium coverage
- Elegant solutions that provide exceptional speech intelligibility
- Versatile point source, line array and subwoofer models
- Music, voice, and paging solutions with EN54-24 certified models
- Weather-resistant models designed for exceptional performance in extreme conditions

Puma Social Club
Bengaluru, India

V SERIES POINT SOURCE

Full-range loudspeaker systems perfectly suited for a wide variety of fixed installations; Community point source loudspeakers deliver powerful audio for indoor applications.

- Compact and large format models
- Portrait or landscape mounting
- Yoke-style brackets included with compact models
- A variety of optional versatile mounting solutions are available to simplify installation
- 70V/100V single 8-inch and dual 8-inch models available

V Series Stage Monitors

- Stylish, compact, and elegant appearance
- Smooth conical dispersion for uniform stage coverage

Šibenik Convention Center
Šibenik, Croatia

PERFORMANCE & SPECIALTY: V SERIES POINT SOURCE

	V2-6	V2-8 V2-8T	V2-26	V2-28 V2-28T	V2-1296
Loudspeaker Type	Two-way, 6.5-inch full-range compact loudspeaker	Two-way, 8-inch full-range compact loudspeaker	Two-way, dual 6.5-inch full-range compact loudspeaker	Two-way, dual 8-inch full-range compact loudspeaker	Two-way, 12-inch full-range loudspeaker system
Drivers	LF 1 x 6.5″ HF 1 x 1″	LF 1 x 8″ HF 1 x 1″	LF 2 x 6.5″ HF 1 x 1″	LF 2 x 8″ HF 1 x 1″	LF 1 x 12″ HF 1 x 1″
Operating Range	90 Hz - 18 kHz	70 Hz - 18 kHz	70 Hz - 18 kHz	60 Hz - 18 kHz	60 Hz - 18 kHz
Sensitivity (1W/1m)	92 dB	V2-8: 92 dB V2-8T: 91 dB	92 dB	V2-28: 94 dB V2-28T: 93 dB	98 dB
Power Rating	100W Cont. 400W Peak	V2-8: 150W Cont. 600W Peak	200W Cont. 800W Peak	V2-28: 300W Cont. 1200W Peak	200W Cont. 800W Peak
Max Output @1m	112 dB 118 dB Peak	114 dB 120 dB Peak	115 dB 121 dB Peak	119 dB 125 dB Peak	121 dB 127 dB Peak
Nominal Impedance	8Ω	V2-8: 8Ω	4Ω	V2-28: 4Ω	8Ω
Dispersion (H x V)	90° x 70°	90° x 70°	90° x 70°	90° x 70°	90° x 60°
Transformer Taps	n/a	V2-8T: 70V: 100W, 50W, 25W, 12.5W 100V: 100W, 50W, 25W	n/a	V2-28T: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	n/a
Environmental	Indoor	Indoor	Indoor	Indoor	Indoor
RAL Color	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003
Dimensions H x W x D	15.5″ x 9.8″ x 10.1″ (395 x 249 x 258 mm)	17″ x 11.3″ x 11.7″ (433 x 287 x 298 mm)	22.5″ x 9.8″ x 10.1″ (573 x 249 x 258 mm)	25.5″ x 11.3″ x 11.7″ (649 x 287 x 298 mm)	23.9″ x 15.4″ x 14.3″ (608 x 390 x 362 mm)

V2-1596	**V2-3294**	**V2-3594**	**MX8**	**MX10**
Two-way, 15-inch full-range loudspeaker system	Three-way, 12-inch full-range loudspeaker	Three-way, 15-inch full-range loudspeaker	Two-way, 8-inch low profile stage monitor	Two-way, 10-inch low profile stage monitor
LF 1 x 15″ HF 1 x 1″	LF 1 x 12″ MF 1 x 6.5″ HF 1 x 1″	LF 1 x 15″ MF 1 x 6.5″ HF 1 x 1″	LF 1 x 8″ HF 1 x 1.25″	LF 1 x 10″ HF 1 x 1.25″
60 Hz - 18 kHz	60 Hz - 18 kHz	55 Hz - 18 kHz	80 Hz - 18 kHz	70 Hz - 18 kHz
98 dB	99 dB	99 dB	96 dB	99 dB
200W Cont. 800W Peak	200W Cont. 800W Peak	200W Cont. 800W Peak	150W Cont. 600W Peak	200W Cont. 800W Peak
121 dB 127 dB Peak	122 dB 128 dB Peak	122 dB 128 dB Peak	118 dB 124 dB Peak	122 dB 128 dB Peak
8Ω	8Ω	8Ω	8Ω	8Ω
90° x 60°	90° x 40°	90° x 40°	115° conical	100° conical
n/a	n/a	n/a	n/a	n/a
Indoor	Indoor	Indoor	Indoor	Indoor
Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003
27.2″ x 18.4″ x 15.9″ (690 x 467 x 404 mm)	29.3″ x 17.4″ x 15.4″ (744 x 441 x 390 mm)	32.4″ x 18.4″ x 15.9″ (823 x 467 x 404 mm)	10.4″ x 10.8″ x 14.5″ (263 x 275 x 367 mm)	10.8″ x 12.6″ x 16.5″ (275 x 321 x 419 mm)

V SERIES SUBWOOFERS

- Versatile, affordable, low-profile subwoofers
- Designed to augment and extend the low frequencies of the V Series loudspeakers, these models pack a powerful sonic punch

	VLF208	VLF208LV	V2-212S	V2-215S
Loudspeaker Type	Dual 8-inch compact subwoofer	Dual 8-inch "Large Volume" compact subwoofer	Dual 12-inch subwoofer	Dual 15-inch subwoofer
Drivers	LF 2 x 8"	LF 2 x 8"	LF 2 x 12"	LF 2 x 15"
Operating Range	55 Hz - 400 Hz	30 Hz - 1 kHz	37 Hz - 500 Hz	37 Hz - 2 kHz
Sensitivity (1W/1m)	95 dB	93 dB	98 dB	97 dB
Power Rating	300W Cont. 1200W Peak	400W Cont. 1600W Peak	300W Cont. 1200W Peak	400W Cont. 1600W Peak
Max Output @1m	120 dB 127 dB Peak	119 dB 126 dB Peak	123 dB 129 dB Peak	123 dB 129 dB Peak
Nominal Impedance	4Ω	4Ω	4Ω	4Ω
Dispersion	omnidirectional	omnidirectional	omnidirectional	omnidirectional
Transformer Taps	n/a	n/a	n/a	n/a
Environmental	Indoor	Indoor	Indoor	Indoor
RAL Color	Black RAL 9005 White RAL 9003	Black RAL 9005 White RAL 9003	Black RAL 9005 White RAL 9003	Black RAL 9005 White RAL 9003
Dimensions H x W x D	8.25" x 21.75" x 13" (210 x 552 x 330 mm)	10.2" x 21.75" x 21.75" (260 x 552 x 552 mm)	13.9" x 35.9" x 17.9" (354 x 912 x 455 mm)	18.4" x 37.4" x 20.4" (468 x 950 x 518 mm)

W SERIES

- Elegant aesthetics and flat response in near field or distributed premium music applications
- All-weather, multilayer fiberglass composite enclosure with stainless steel hardware
- Powder-coated weather-resistant marine-grade aluminum grille and stainless-steel yoke
- Available with built-in autoformer for 70V/100V applications

	W2-218 W2-218T	W2-228 W2-228T	W2-2W8 W2-2W8T
Loudspeaker Type	Two-way, 8-inch full-range weather-resistant loudspeaker	Quasi three-way, 8-inch full-range weather-resistant loudspeaker	Two-way, dual 8-inch full-range weather-resistant loudspeaker
Drivers	LF 1 x 8″ HF 1 x 1″	LF 1 x 8″ LF/MF 1 x 8” HF 1 x 1″	LF 2 x 8″ HF 1 x 1″
Operating Range	70 Hz - 18 kHz	70 Hz - 18 kHz	65 Hz - 18 kHz
Sensitivity (1W/1m)	W2-218: 93 dB W2-218T: 92 dB	W2-228: 96 dB W2-228T: 95 dB	W2-2W8: 97 dB W2-2W8T: 96 dB
Power Rating	W2-218: 125W Cont. 500W Peak	W2-228: 250W Cont. 1000W Peak	W2-2W8: 250W Cont. 1000W Peak
Max Output @1m	114 dB 120 dB Peak	121 dB 127 dB Peak	121 dB 127 dB Peak
Nominal Impedance	W2-218: 8Ω	W2-228: 4Ω	W2-2W8: 8Ω
Dispersion (H x V)	80° x 60°	85° x 85°	120° x 60°
Transformer Taps	W2-218T: 70V: 100W, 50W, 25W, 12.5W 100V: 100W, 50W, 25W	W2-228T: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	W2-2W8T: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W
Environmental	IP55W per IEC 60529	IP55W per IEC 60529	IP55W per IEC 60529
RAL Color	Black RAL 9005 White RAL 9003	Black RAL 9005 White RAL 9003	Black RAL 9005 White RAL 9003
Dimensions H x W x D	9.25″ x 15.5″ x 10.14″ (235 x 394 x 258 mm)	10.13″ x 20″ x 11.5″ (257 x 508 x 292 mm)	10.13″ x 20″ x 11.5″ (257 x 508 x 292 mm)

Talladega Superspeedway
Lincoln, Alabama

R SERIES POINT SOURCE

- Full bandwidth, versatile high output, and controlled coverage
- Engineered to withstand the challenges of extreme weather conditions
- Music, voice, and paging solutions

R Series Premium Music Solutions

- Flat response and signal aligned for high-output premium music applications

R Series Voice and Music Solutions

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

Winslow Township High School
Atco, New Jersey

PERFORMANCE & SPECIALTY: POINT SOURCE R SERIES

	R.15COAX	R.35COAX	R.35-3896*	R.5COAX R.5COAXT	R.5-MAX
	PREMIUM MUSIC				
Loudspeaker Type	Two-way, 6.5-inch coaxial weather-resistant loudspeaker	Two-way, 10-inch coaxial weather-resistant loudspeaker	Three-way, 8-inch full range weather-resistant loudspeaker	Two-way, 12-inch coaxial weather-resistant loudspeaker	Two-way, 12-inch high output full range weather-resistant loudspeaker
Drivers	LF 1 x 6.5″ HF 1 x 1.25″	LF x 10″ HF 1 x 1.25″	LF 1 x 8″ MF 2 x 2.35″ 1 x 1″	LF 1 x 12″ HF 1 x 1″	LF 1 x 12″ HF 1 x 1.4″
Operating Range	90 Hz - 16 kHz	70 Hz - 16 kHz	80 Hz - 16 kHz	80 Hz - 18 kHz	85 Hz - 21.8 kHz
Sensitivity (1W/1m)	94 dB	97 dB	98 dB	98 dB[1]	104 dB[1]
Power Rating	150W Cont. 600W Peak	200W Cont. 800W Peak	400W Cont. 1600W Peak	R.5COAX66 / R.5COAX99: 200W Cont. 800W Peak	600W Cont. 2400W Peak
Max Output @1m	116 dB 122 dB Peak	120 dB 126 dB Peak	124 dB 130 dB Peak	121 dB[1] 127 dB Peak[1]	132 dB[1] 138 dB Peak[1]
Nominal Impedance	8Ω or 70V/100V	8Ω or 70V/100V	8Ω or 70V/100V	8Ω (Various)	8Ω
Dispersion (H x V)	100° x 100°	90° x 90°	90° x 60°	R.5COAX66: 60° x 60° R.5COAX66T: 60° x 60° R.5COAX99: 90° x 90° R.5COAX99T: 90° x 90°	R.5-66MAX: 60° x 60° R.5-96MAX: 90° x 60°
Transformer Taps	70V: 120W, 60W, 30W, 15W 100V: 120W, 60W, 30W	70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	R.5COAX66T / R.5COAX99T: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	n/a
Environmental	IP55W per IEC 60529, Designed to MIL-STD-810G	IP55W per IEC 60529, Designed to MIL-STD-810G	IP55W per IEC 60529, Designed to MIL-STD-810G	IP54W per IEC 60529	IP55W per IEC 60529, Designed to MIL-STD-810G
RAL Color	Grey RAL 7038 Black RAL 9005	Grey RAL 7038 Black RAL 9005	Grey RAL 7038 Black RAL 9005	Grey RAL 7038 Black RAL 9005	Black RAL 9005 Grey RAL 7038
Dimensions H x W x D	9″ x 10.15″ x 10.2″ (229 x 258 x 259 mm)	11″ x 13″ x 13.5″ (279 x 330 x 343 mm)	11″ x 13″ x 13.5″ (279 x 330 x 343 mm)	16″ x 16″ x 16″ (406 x 406 x 406 mm)	16″ x 16″ x 16.2″ (406 x 406 x 411 mm)

*EN54-24 certified version available

[1] Highest representative output among various horn pattern and transformer options per base model

(PREMIUM MUSIC | VOICE & MUSIC)

R2-MAX	R.25-94Z R.25-94TZ	R.5 R.5T	R.5HP R.5HP/R.5HPT-R	R1*	R2*
	VOICE & MUSIC				
Three-way, 12-inch high output full range weather-resistant loudspeaker	Two-way, 8-inch full-range weather-resistant loudspeaker	Two-way, 12-inch full-range weather-resistant loudspeaker	Three-way, 12-inch full range horn loaded weather-resistant loudspeaker	Two-way, 12-inch large format full-range weather resistant loudspeaker	Three-way, 12-inch large format full-range weather-resistant loudspeaker
R2-52MAX: LF 2 x 12", MF 2 x 2", HF 1 x 1" R2-64/66/94MAX: LF 2 x 12", MF 1 x 2", HF 1 x 1.4"	LF 1 x 8" HF 1 x ¾"	LF 1 x 12" HF 1 x 1"	LF 1 x 12" MF 1 x 2" HF 1 x 1"	LF 1 x 12" HF 1 x 1"	R2-52Z: LF 2 x 12", MF 2 x 2", HF 1 x 1" R2-474/694/77/94Z: LF 2 x 12", MF 1 x 2", HF 1 x 1"
R2-52MAX: 71 Hz - 19.5 kHz R2-64MAX: 71 Hz - 22.4 kHz R2-66/94MAX: 73 Hz - 22.4 kHz	100 Hz - 16 kHz	85 Hz - 21.8 kHz	85 Hz - 16 kHz	90 Hz - 16 kHz	R2-52/474Z: 70 Hz - 16 kHz R2-694/77Z: 70 Hz - 16.5 kHz R2-94Z: 70 Hz - 15 kHz
LF: 103 dB[1] MF/HF: 109 dB[1]	96 dB[1]	103 dB[1]	106 dB[1]	105 dB[1]	107 dB[1]
LF: 1200W Cont. / 4800W Peak MF/HF: 350W Cont. / 1400W Peak	R.25-94Z: 200W Cont. 800W Peak	R.5-66/94/99Z: 200W Cont. 800W Peak	R.5HP: 200W Cont. 800W Peak	200W Cont. 800W Peak	400W Cont. 1600W Peak
135 dB[1] 141 dB Peak[1]	120 dB 126 dB Peak	126 dB[1] 132 dB Peak[1]	129 dB[1] 135 dB Peak[1]	128 dB[1] 134 dB Peak[1]	133 dB[1] 139 dB Peak[1]
LF: 8Ω MF/HF: 8Ω	8Ω (Various)	8Ω	8Ω (Various)	8Ω	4Ω
R2-52MAX: 50° x 20° R2-64MAX: 60° x 40° R2-66MAX: 60° x 60° R2-94MAX: 90° x 40°	90° x 40°	R.5-66Z: 60° x 60° R.5-66TZ: 60° x 60° R.5-94Z: 90° x 40° R.5-94TZ: 90° x 40° R.5-99Z: 90° x 90° R.5-99TZ: 90° x 90°	60° x 40°	R1-64Z: 60° x 40° R1-66Z: 60° x 60° R1-94Z: 90° x 40°	R2-52Z: 50° x 20° R2-474Z: 40-70° x 40° R2-694Z: 60-90° x 40° R2-77Z: 60° x 60° R2-94Z: 80° x 40°
n/a	R.25-94TZ: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	R.5-66/94/99TZ: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	R.5HPT/-R: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	n/a	n/a
IP55W per IEC 60529, Designed to MIL-STD-810G	IP55W per IEC 60529, Designed to MIL-STD-810G	IP55W per IEC 60529, Designed to MIL-STD-810G	IP55W per IEC 60529, Designed to MIL-STD-810G	IP55W per IEC 60529, Designed to MIL-STD-810G	IP55W per IEC 60529, Designed to MIL-STD-810G
Grey RAL 7038	Grey RAL 7038	Grey RAL 7038	Grey RAL 7038	Grey RAL 7038	Grey RAL 7038
24.8" x 24.8" x 30.8" (629 x 629 x 781 mm)	11.3" x 11.3" x 13.3" (287 x 287 x 338 mm)	16" x 16" x 16.2" (406 x 406 x 411 mm)	16" x 16" x 16.2" (406 x 406 x 411 mm)	24.8" x 24.8" x 29.8" (629 x 629 x 756 mm)	24.8" x 24.8" x 30.8" (629 x 629 x 781 mm)

HORNS & VOICE PROJECTION

- Ideal for very long projection voice and critical emergency warning notification systems
- Community horns and projectors enable superior vocal clarity with very low distortion
- Very high efficiency, high-output voice and signal projection systems

	RMG-200A (RMG-200AT)	R.5-V2200	RSH-462	TT-1020
Loudspeaker Type	Voice range announcement horn/ driver system	Dual-driver horn-loaded system for high-level paging	Exponential FocusedArray™ high-level horn/driver system	Emergency notification tunnel horn
Drivers	MF 1 x 2"	MF 2 x 2"	MF 4 x 2"	MF 1 x 2"
Operating Range	400 Hz - 8 kHz	450 Hz - 8 kHz	400 Hz - 8 kHz	300 Hz - 9 kHz
Sensitivity (1W/1m)	RMG-200A: 115 dB RMG-200AT: 114 dB	114 dB	118 dB	114 dB
Power Rating	RMG-200A: 75W Cont. 300W Peak	150W Cont. 600W Peak	300W Cont. 1200W Peak	Refer to tap setting
Max Output @1m	134 dB 140 dB Peak	136 dB 142 dB Peak	143 dB 149 dB Peak	134 dB
Nominal Impedance	RMG-200A: 11Ω	6Ω	11Ω	n/a
Dispersion	50° x 40°	80° x 40°	60° x 20°	40° x 30°
Transformer Taps	RMG-200AT: 70V: 75W, 38W, 19W, 9W 100V: 75W, 38W, 19W	n/a	n/a	100V: 100W, 50W
Environmental	IP66W per IEC 60529	IP66W per IEC 60529	IP66W per IEC 60529	IP66W per IEC 60529
RAL Color	Grey RAL 7038	Grey RAL 7038	Grey RAL 7038	Black RAL 9005
Dimensions H x W x D	9.8" x 17.6" x 25" (248 x 448 x 635 mm)	16" x 16" x 16.2" (406 x 406 x 411 mm)	28.5" x 24.5" x 22.5" (724 x 622 x 572 mm)	19" x 34.5" x 53.6" (483 x 877 x 1362 mm)

I SERIES

I Series Point Source

- High performance, high-output modular loudspeaker systems with exceptional flexibility and discrete styling
- 600-level compact models complement the appearance, performance, and voicing of the larger point source models for under-balcony, front-fill, side-fill, and distributed applications
- 800-level models offer superior performance for demanding applications and feature neodymium drivers
- 600-level models address a broad range of installation needs and incorporate large-format ferrite drivers
- PolyGlas™ outdoor models available

FireHouse Gastro Park
Grand Prairie, Texas

PERFORMANCE & SPECIALTY: I SERIES POINT SOURCE

	IC6-1062 IC6-1062T	IC6-1082 IC6-1082T	IC6-2082 IC6-2082T	IP6-1122
Loudspeaker Type	Two-way, 6.5-inch compact loudspeaker	Two-way, 8-inch compact loudspeaker	Two-way, dual 8-inch compact loudspeaker	Two-way, 12-inch medium power point source loudspeaker
Drivers	LF 1 x 6.5″ HF 1 x 1″	LF 1 x 8″ HF 1 x 1″	LF 2 x 8″ HF 1 x 1″	LF 1 x 12″ HF 1 x 1.4″
Operating Range	56 Hz - 18.5 kHz	IC6-1082/26: 52 Hz - 19.5 kHz IC6-1082/96: 53 Hz - 20 kHZ	IC6-2082/26: 49 Hz - 20 kHz IC6-2082/96: 50 Hz - 19.5 kHz	IP6-1122/26: 37 Hz - 17.5 kHz IP6-1122/64: 38 Hz - 17.5 kHz IP6-1122/66: 38 Hz - 18.5 kHz IP6-1122/94: 38 Hz - 17.5 kHz IP6-1122/96: 37 Hz - 19 kHz IP6-1122/99: 36 Hz - 19 kHz
Sensitivity (1W/1m)	92 dB	95 dB	100 dB	95 dB[1]
Power Rating	150W Cont. 600W Peak	IC6-1082/26, IC6-1082/96: 250W Cont. 1000W Peak	IC6-2082/26, IC6-2082/96: 300W Cont. 1200W Peak	600W Cont. 2400W Peak
Max Output @1m	114 dB 120 dB Peak	119 dB[1] 125 dB Peak[1]	125 dB[1] 131 dB Peak[1]	123 dB[1] 129 dB Peak[1]
Nominal Impedance	8Ω	8Ω	16Ω	8Ω
Dispersion (H x V)	100° x 100°	IC6-1082/26: 120° x 60° IC6-1082T26: 120° x 60° IC6-1082/96: 90° x 60° IC6-1082T96: 90° x 60°	IC6-2082/26: 120° x 60° IC6-2082T26: 120° x 60° IC6-2082/96: 90° x 60° IC6-2082T96: 90° x 60°	IP6-1122/26: 120° x 60° IP6-1122/64: 60° x 40° IP6-1122/66: 60° x 60° IP6-1122/94: 90° x 40° IP6-1122/96: 90° x 60° IP6-1122/99: 90° x 90°
Transformer Taps	IC6-1062T00: 70V: 100W, 50W, 25W 12.5W 100V: 100W, 50W, 25W	IC6-1082T26, IC6-1082T96: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	IC6-2082T26, IC6-2082T96: 70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	n/a
Environmental	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G
RAL Color	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)
Dimensions H x W x D	14.3″ x 8.0″ x 8.9″ (363 x 203 x 227 mm)	18.75″ x 10.4″x 10.6″ (476 x 264 x 270 mm)	11.3″ x 22.5″ x 10.6″ (287 x 571 x 270 mm)	28.0″ x 14.5″ x 17.7″ (711 x 368 x 450 mm)

[1] Highest representative output among various horn pattern and transformer options per base model

IP6-1152	**IP8-1122**	**IP8-1152**	**IP8-1153**
Two-way, 15-inch medium power point source loudspeaker	Two-way, 12-inch high power point source loudspeaker	Two-way, 15-inch high power point source loudspeaker	Three-way, 15-inch high power point source loudspeaker
LF 1 x 15" HF 1 x 1.4"	LF 1 x 12" HF 1 x 1.4"	LF 1 x 15" HF 1 x 1.4"	LF 1 x 15" MF 1 x 2" HF 1 x 1.4"
IP6-1152/26: 30 Hz - 17.5 kHz IP6-1152/64: 30 Hz - 18 kHz IP6-1152/66: 32 Hz - 19 kHz IP6-1152/94: 30 Hz - 18 kHz IP6-1152/96: 30 Hz - 19.5 kHz IP6-1152/99: 28 Hz - 19 kHz	IP8-1122/26: 43 Hz - 18.5 kHz IP8-1122/64: 44 Hz - 19 kHz IP8-1122/66: 43 Hz - 22.4 kHz IP8-1122/94: 44 Hz - 18.5 kHz IP8-1122/96: 44 Hz - 22.4 kHz IP8-1122/99: 43 Hz - 19.5 kHz	IP8-1152/26: 30 Hz - 18.5 kHz IP8-1152/64: 31 Hz - 19 kHz IP8-1152/66: 31 Hz - 19.5 kHz IP8-1152/94: 31 Hz - 18 kHz IP8-1152/96: 30 Hz - 22.4 kHz IP8-1152/99: 29 Hz - 19.5 kHz	IP8-1153/64: 30 Hz - 18.5 kHz IP8-1153/66: 30 Hz - 21.8 kHz IP8-1153/94: 30 Hz - 16.5 kHz
96 dB[1]	95 dB[1]	95 dB[1]	LF: 96 dB[1] MF/HF: 107 dB[1]
600W Cont. 2400W Peak	800W Cont. 3200W Peak	800W Cont. 3200W Peak	LF: 600W Cont. / 2400W Peak MF/HF: 275W Cont. / 1100W Peak
124 dB[1] 130 dB Peak[1]	124 dB[1] 130 dB Peak[1]	124 dB[1] 130 dB Peak[1]	LF: 124 dB / 130 dB Peak[1] MF/HF: 131 dB / 137 dB Peak[1]
8Ω	8Ω	8Ω	LF: 8Ω MF/HF: 8Ω
IP6-1152/26: 120° x 60° IP6-1152/64: 60° x 40° IP6-1152/66: 60° x 60° IP6-1152/94: 90° x 40° IP6-1152/96: 90° x 60° IP6-1152/99: 90° x 90°	IP8-1122/26: 120° x 60° IP8-1122/64: 60° x 40° IP8-1122/66: 60° x 60° IP8-1122/94: 90° x 40° IP8-1122/96: 90° x 60° IP8-1122/99: 90° x 90°	IP8-1152/26: 120° x 60° IP8-1152/64: 60° x 40° IP8-1152/66: 60° x 60° IP8-1152/94: 90° x 40° IP8-1152/96: 90° x 60° IP8-1152/99: 90° x 90°	IP8-1153/64: 60° x 40° IP8-1153/66: 60° x 60° IP8-1153/94: 90° x 40°
n/a	n/a	n/a	n/a
Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G
Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)
30.8" x 16.5" x 20.1" (782 x 419 x 510 mm)	28.0" x 14.5" x 17.7" (711 x 368 x 450 mm)	30.8" x 16.5" x 20.1" (782 x 419 x 510 mm)	39.0" x 22.1" x 26.3" (991 x 561 x 668 mm)

I Series Line Array

- Featuring scalable, adaptive sound reinforcement systems with multiple vertical array elements, our line array options enable powerful audio without sacrificing total clarity
- Scalable and adaptive 600-level modular vertical array system includes built-in Passive Acoustic Optimization settings to tailor an array to any size venue
- VenuePolar, an EASE® Focus plugin, automates the loudspeaker system design for the IV6 array
- PolyGlas™ outdoor models available

	IV6-1122/05	IV6-1122/15	IV6-118S
Loudspeaker Type	Two-way, 12-inch line array loudspeaker	Two-way, 12-inch line array loudspeaker	18-inch subwoofer
Drivers	LF 1 x 12″ HF 2 x 1.7”	LF 1 x 12″ HF 2 x 1.7”	LF 1 x 18″
Operating Range	40 Hz - 18.5 kHz	40 Hz - 18.5 kHz	37 Hz - 132 Hz
Sensitivity (1W/1m)	102 dB (single element)	100 dB (single element)	102 dB
Power Rating	400W Cont. 1600W Peak	400W Cont. 1600W Peak	800W Cont. 3200W Peak
Max Output @1m	128 dB 134 dB Peak	126 dB 132 dB Peak	131 dB / 137 dB Peak (half space) 125 dB / 131 dB Peak (whole space)
Nominal Impedance	16Ω	16Ω	8Ω
Dispersion	120° x 5° Max (array dependent)	120° x 15° Max (array dependent)	Omnidirectional
Transformer Taps	n/a	n/a	n/a
Environmental	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G
RAL Color	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (outdoor)
Dimensions H x W x D	14.0″ x 28.1″ x 16.6″ (356 x 714 x 421 mm)	14.0″ x 28.1″ x 16.7″ (355 x 714 x 425 mm)	20.0″ x 28.1″ x 28.1″ (508 x 714 x 713 mm)

I Series Subwoofers

- Subwoofer 600 - medium power subwoofers featuring extended displacement ferrite drivers
- Subwoofer 800 - premium grade, high power subwoofers featuring neodymium drivers for applications demanding impactful and deep bass

Melrose Center for the Performing Arts Center
Melrose, Massachusetts

PERFORMANCE & SPECIALTY: I SERIES SUBWOOFERS I

	IS6-112	IS6-115	IS6-118	IS6-212	IS6-215	IS6-218
Loudspeaker Type	12-inch medium power subwoofer	15-inch medium power subwoofer	18-inch medium power subwoofer	Dual 12-inch medium power subwoofer	Dual 15-inch medium power subwoofer	Dual 18-inch medium power subwoofer
Drivers	LF 1 x 12″	LF 1 x 15″	LF 1 x 18″	LF 2 x 12″	LF 2 x 15″	LF 2 x 18″
Operating Range	39 Hz - 150 Hz	37 Hz - 140 Hz	32 Hz - 145 Hz	38 Hz - 150 Hz	37 Hz - 145 Hz	32 Hz - 145 Hz
Sensitivity (1W/1m) - half space	100 dB	102 dB	104 dB	103 dB	105 dB	107 dB
Power Rating (single amp)	700W Cont. 2800W Peak	700W Cont. 2800W Peak	700W Cont. 2800W Peak	1400W Cont. 5600W Peak	1400W Cont. 5600W Peak	1400W Cont. 5600W Peak
Max Output @1m (half space)	128 dB 134 dB Peak	130 dB 136 dB Peak	132 dB 138 dB Peak	134 dB 140 dB Peak	136 dB 142 dB Peak	138 dB 144 dB Peak
Nominal Impedance (single amp)	8Ω	8Ω	8Ω	4Ω	4Ω	4Ω
Dispersion	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional
Environmental	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G
RAL Color	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)
Dimensions H x W x D	14.3″ x 14.5″ x 21.0″ (363 x 368 x 533 mm)	19.8″ x 16.5″ x 23.4″ (503 x 419 x 593 mm)	19.8″ x 22.1″ x 29.9″ (503 x 561 x 734 mm)	28.0″ x 14.5″ x 21.0″ (711 x 368 x 533 mm)	39.0″ x 16.5″ x 23.4″ (991 x 419 x 593 mm)	39.0” x 22.1” x 28.9” (991 x 561 x 734 mm)

600 & 800

IS8-112	IS8-115	IS8-118	IS8-212	IS8-215	IS8-218
12-inch high power subwoofer	15-inch high power subwoofer	18-inch high power subwoofer	Dual 12-inch high power subwoofer	Dual 15-inch high power subwoofer	Dual 18-inch high power subwoofer
LF 1 x 12″	LF 1 x 15″	LF 1 x 18″	LF 2 x 12″	LF 2 x 15″	LF 2 x 18″
38 Hz - 148 Hz	36 Hz - 155 Hz	31 Hz - 145 Hz	38 Hz - 140 Hz	36 Hz - 140 Hz	31 Hz - 150 Hz
95 dB	99 dB	99 dB	98 dB	102 dB	102 dB
1000W Cont. 4000W Peak	1000W Cont. 4000W Peak	1600W Cont. 6400W Peak	2000W Cont. 8000W Peak	2000W Cont. 8000W Peak	3200W Cont. 12800W Peak
125 dB 131 dB Peak	129 dB 135 dB Peak	131 dB 137 dB Peak	131 dB 137 dB Peak	135 dB 141 dB Peak	137 dB 143 dB Peak
8Ω	8Ω	8Ω	4Ω	4Ω	4Ω
Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional
Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G	Outdoor PolyGlas Models: IP55W per IEC 60529, MIL-STD-810G
Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)	Black RAL 9005 White RAL 9003 Grey RAL 7038 (Outdoor)
14.3″ x 14.5″ x 21.0″ (363 x 368 x 533 mm)	19.8″ x 16.5″ x 23.4″ (503 x 419 x 593 mm)	19.8″ x 22.1″ x 28.9″ (503 x 561 x 734 mm)	28.0″ x 14.5″ x 21.0″ (711 x 368 x 533 mm)	39″ x 16.5″ x 23.4″ (991 x 419 x 593 mm)	39″ x 22.1″ x 28.9″ (991 x 561 x 734 mm)

L SERIES

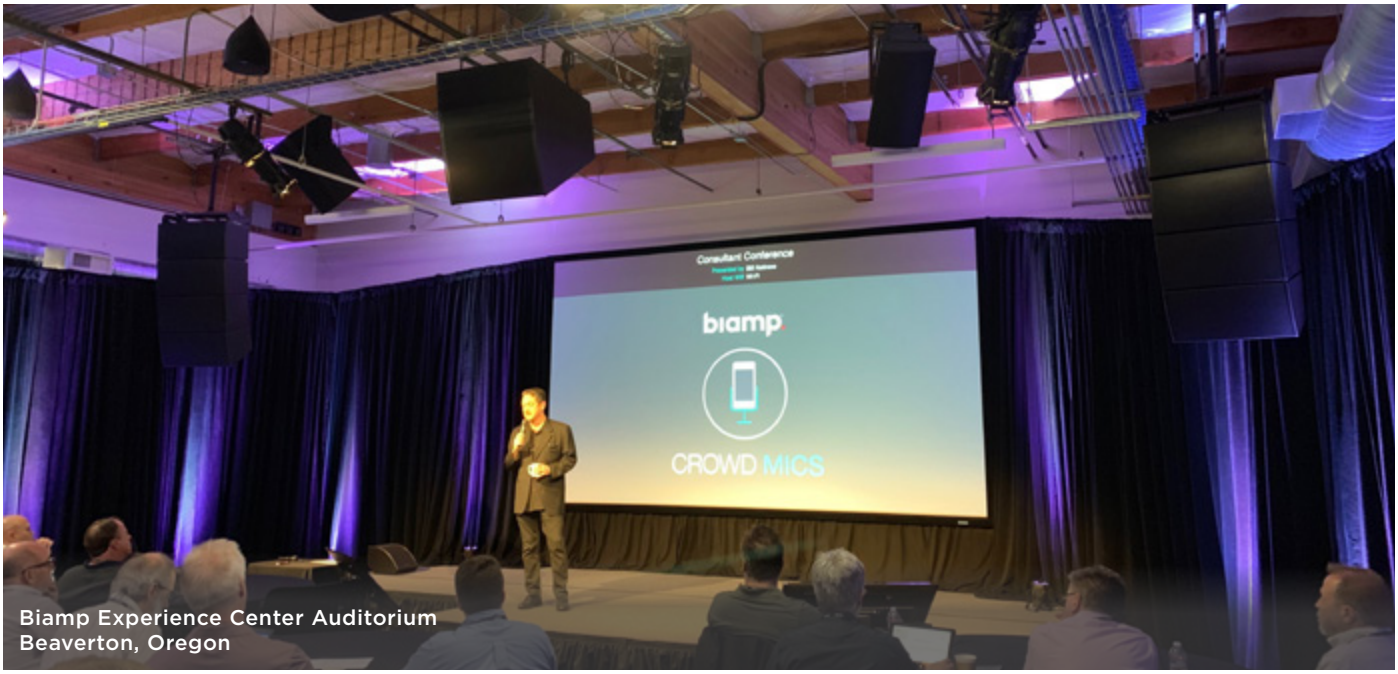
- Designed for extraordinary performance in large venues
- Large scale, high performance horn-loaded loudspeaker systems
- Designed to tame the most challenging venues
- Colinear manifold for HF and MF beamforming
- PolyGlas™ outdoor models available

LVH-900/AS

- Active Standard, horn-loaded 4 x 12” three-way, vertical dispersion, arrayable high-output loudspeaker
- 60° or 90° fixed horizontal dispersion, 20°, 40°, 60° electronically-controlled variable vertical coverage
- Single point source loudspeakers with pattern control below 400Hz and up to 137 dB continuous max SPL

LVH-900/AP

- Active Plus, horn-loaded 4 x 12” three-way, vertical dispersion, arrayable high output loudspeaker
- 60° or 90° fixed horizontal dispersion, 20°, 80°, 100° electronically-controlled variable vertical coverage
- Dual-cabinet point source loudspeakers with pattern control below 200Hz and up to 140 dB continuous max SPL



Biamp Experience Center Auditorium
Beaverton, Oregon

L SERIES BEAMFORMING VENUE HORN

	LVH-906/AS Single Loudspeaker	**LVH-909/AS Single Loudspeaker**	**LVH-906/AP Dual-Cabinet Array**	**LVH-909/AP Dual Cabinet Array**
Loudspeaker Type	Arrayable, high output point source loudspeaker (Active Standard)	Arrayable, high output point source loudspeaker (Active Standard)	Arrayable, high output point source loudspeaker (Active Plus)	Arrayable, high output point source loudspeaker (Active Plus)
Drivers	LF 4 x 12″ MF 3 x 2″ HF 4 x 1.5″ voice coil	LF 4 x 12″ MF 3 x 2″ HF 4 x 1.5″ voice coil	LF 8 x 12″ MF 6 x 2″ HF 8 x 1.5″ voice coil	LF 8 x 12″ MF 6 x 2″ HF 8 x 1.5″ voice coil
Operating Range	60 Hz - 18 kHz	60 Hz - 18 kHz	60 Hz - 18 kHz	60 Hz - 18 kHz
Max Output @1m[1]	137 dB Cont. 143 dB Peak	135 dB Cont. 141 dB Peak	140 dB Cont. 146 dB Peak	139 dB Cont. 145 dB Peak
Horizontal Coverage	60°	90°	60°	90°
Vertical Coverage	20°, 40° or 60°	20°, 40° or 60°	20°, 80° or 100°	20°, 80° or 100°
Transformer Taps	n/a	n/a	n/a	n/a
Environmental	Outdoor PolyGlas Models: IP56 per IEC 60529, IEC 60068-2-1 (Cold), IEC 60068-2-2 (Dry Heat), IEC 60068-2-6 (Vibration), IEC 60068-2-30 (Damp Heat, cyclic), IEC 60068-2-42 SO2, IEC 60068-2-78 (Damp Heat, steady state)	Outdoor PolyGlas Models: IP56 per IEC 60529, IEC 60068-2-1 (Cold), IEC 60068-2-2 (Dry Heat), IEC 60068-2-6 (Vibration), IEC 60068-2-30 (Damp Heat, cyclic), IEC 60068-2-42 SO2, IEC 60068-2-78 (Damp Heat, steady state)	Outdoor PolyGlas Models: IP56 per IEC 60529, IEC 60068-2-1 (Cold), IEC 60068-2-2 (Dry Heat), IEC 60068-2-6 (Vibration), IEC 60068-2-30 (Damp Heat, cyclic), IEC 60068-2-42 SO2, IEC 60068-2-78 (Damp Heat, steady state)	Outdoor PolyGlas Models: IP56 per IEC 60529, IEC 60068-2-1 (Cold), IEC 60068-2-2 (Dry Heat), IEC 60068-2-6 (Vibration), IEC 60068-2-30 (Damp Heat, cyclic), IEC 60068-2-42 SO2, IEC 60068-2-78 (Damp Heat, steady state)
RAL Color	Black RAL9005 White RAL9003 Grey RAL7038 (outdoor)	Black RAL9005 White RAL9003 Grey RAL7038 (outdoor)	Black RAL9005 White RAL9003 Grey RAL7038 (outdoor)	Black RAL9005 White RAL9003 Grey RAL7038 (outdoor)
Dimensions H x W x D (Single LVH-900 Cabinet)	37.3″ x 31.4″ x 30.5″ (948 x 797 x 775 mm)	37.3″ x 31.4″ x 30.5″ (948 x 797 x 775 mm)	37.3″ x 31.4″ x 30.5″ (948 x 797 x 775 mm)	37.3″ x 31.4″ x 30.5″ (948 x 797 x 775 mm)

*Highest representative output among various vertical horn pattern options per model

POLYGLAS™ TECHNOLOGY

I SERIES and L SERIES outdoor loudspeaker models are manufactured with weather-resistant enclosures. Built for lifetime performance, we employ the same transducers and components in a PolyGlas fiberglass-reinforced high-strength durable composite enclosure.

PolyGlas Cabinet Construction

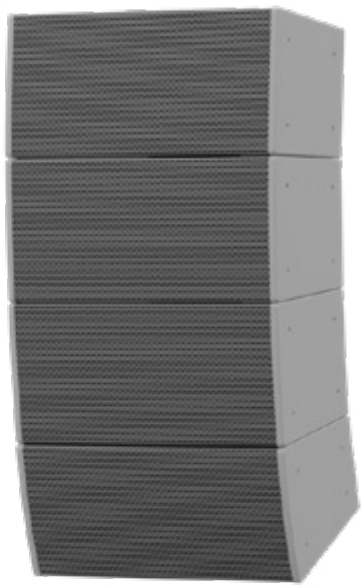
- Non-absorbent - will not deteriorate
- High-specific strength - excellent structural stability
- Thermal stability - will not change size or shape
- Extremely durable with high-impact resistance

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



Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

Seaport
Wildwood, New Jersey

BUSINESS AUDIO

Elegant loudspeakers engineered for high speech intelligibility and full music reproduction

Equally well-suited for background music, foreground music, and paging applications, our Desono™ family of loudspeakers ensure every space can enjoy the best sound reproduction capabilities on the market.

- Superb speech intelligibility with reduced distortion and uniform voicing
- Built-in transformers for low-impedance and constant voltage applications
- In-ceiling, surface mount, column, and pendant form factors
- Many models are IP-rated for outdoor applications such as patios or concourses
- Compression drivers on several models for enhanced upper frequency performance
- EN54-24 certified loudspeakers available in multiple form factors

Croatian Catholic University, Kunišćak Hall
Zagreb, Croatia

CEILING MOUNT

Designed to be heard and not seen, our low-profile ceiling mount loudspeakers provide dynamic sound ideal for background music, speech reproduction, and paging applications

CM Series

- Thin-edged, magnetically attached grille
- Tuned bass reflex port for optimized low-frequency performance
- Loudspeaker overload protection for 24/7 failsafe operation

C-IC6

- Two-way 6.5-inch conferencing loudspeaker
- Low profile - less than 6 inches (151 mm) total depth
- Bridge-mounted soft dome tweeter mechanically isolated from the low frequency driver
- Supports standard category cables and traditional speaker wiring for audio connections
- Directly integrates with Tesira™ AMP-450BP (PoE+ amplifier)

D Series

- High intelligibility with exceptional uniform coverage
- Consistent dispersion up to 16 kHz
- True coaxial loudspeakers with HF compression drivers
- Tru-Phase™ high-frequency waveguide
- Patented Carbon Ring Cone Technology™
- Spring loaded Drop-Stop™ installation assistant tabs support the back can on the included rails and C-ring to simplify installation
- Uniquely designed tile bridge support rails and snap-on C-ring support plates prevent sagging
- Twist-Assist™ loudspeaker face retainer tabs for fast and easy installation

BUSINESS AUDIO: CEILING MOUNT

	CM20DTS	CM30DTD	CM60DTD	C-IC6	D4LP
Loudspeaker Type	Two-way 4.25-inch ceiling loudspeaker	Two-way 4.25-inch ceiling loudspeaker	Two-way 6.5-inch ceiling loudspeaker	Two-way 6.5-inch ceiling loudspeaker	Two-way 4.5-inch ceiling loudspeaker (low profile)
Drivers	LF 1 x 4.25” HF 1 x 1”	LF 1 x 4.25” HF 1 x 1”	LF 1 x 6.5” HF 1 x 1″	LF 1 x 6.5″ HF 1 x 1″	LF 1 x 4.5” HF 1 x 0.75”
Operating Range	90 Hz - 22 kHz	85 Hz - 22 kHz	75 Hz - 22 kHz	60 Hz - 20 kHz	90 Hz - 18.5 kHz
Sensitivity (1W/1m)	87 dB	87 dB	86 dB	87 dB	92 dB
Power Rating	40W Cont. 160W Peak	50W Cont. 200W Peak	60W Cont. 240W Peak	60W Cont. 240W Peak	60W Cont. 240W Peak
Max Output @1m	103 dB 109 dB Peak	104 dB 110 dB Peak	104 dB 110 dB Peak	105 dB	110 dB 116 dB Peak
Nominal Impedance	16Ω	16Ω	16Ω	8Ω	8Ω
Dispersion	150° H x 100° V	120° conical	150° conical	130° conical	140° conical
Transformer Taps	70V: 20W, 10W, 5W, 2.5W, 1.25W 100V: 20W, 10W, 5W, 2.5W	70V: 30W, 15W, 7.5W, 3.75W, 1.75W 100V: 30W, 15W, 7.5W, 3.75W	70V: 60W, 30W, 15W, 7.5W, 3.75W 100V: 60W, 30W, 15W, 7.5W	n/a	70V: 30W, 15W, 7.5W, 3.75W 100V: 30W, 15W, 7.5W
Environmental	Indoor	Indoor	Indoor	Indoor	Indoor
RAL Color	White RAL9010	White RAL9010	White RAL9010	Black RAL9017 Red RAL3028 White RAL9016	White RAL 9016
Dimensions - Bezel Dia. x Total Depth	8.8″ x 3.3″ (223 x 84 mm)	8.8″ x 5.2″ (223 x 131 mm)	10.2″ x 6.2″ (258 x 157 mm)	10.9″ x 5.9″ (276 x 151 mm)	9.8″ x 3.6″ (248 x 91 mm)
Cutout Diameter	7.6″ (193 mm)	7.6″ (193 mm)	9.1″ (232 mm)	9.75″ (248 mm)	8.75″ (222 mm)
Compliance	UL1480A, UL2043, CSA C22.2#62368-1	UL1480A, UL2043, CSA C22.2#62368-1	UL1480A, UL2043, CSA C22.2#62368-1	UL1480A, UL2043, CSA 22.2#62368-1, NFPA70, NFPA90	UL1480, UL2043, CSA60065, NFPA70, NFPA90

D4	**D5**	**D6**	**D8**	**D10**	**D10SUB**
Two-way 4.5-inch ceiling loudspeaker	Two-way 5-inch ceiling loudspeaker	Two-way 6.5-inch ceiling loudspeaker	Two-way 8-inch ceiling loudspeaker	Two-way 10-inch ceiling loudspeaker	10-inch ceiling subwoofer
LF 1 x 4.5” HF 1 x 0.75″	LF 1 x 5” HF 1 x 1”	LF 1 x 6.5” HF 1 x 1″	LF 1 x 8” HF 1 x 1.25″	LF 1 x 10” HF 1 x 1.25″	LF 1 x 10”
62 Hz - 18.5 kHz	65 Hz - 22 kHz	65 Hz - 22 kHz	60 Hz - 22 kHz	58 Hz - 22 kHz	42 Hz - 200 Hz
91 dB	93 dB	94 dB	95 dB	98 dB	93 dB
60W Cont. 240W Peak	100W Cont. 400W Peak	100W Cont. 400W Peak	150W Cont. 600W Peak	200W Cont. 800W Peak	200W Cont. 800W Peak
109 dB 115 dB Peak	113 dB 119 dB Peak	114 dB 120 dB Peak	117 dB 123 dB Peak	121 dB 127 dB Peak	116 dB 122 dB Peak
8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
140° conical	130° conical	125° conical	115° conical	100° conical	180° conical
70V: 30W, 15W, 7.5W, 3.75W 100V: 30W, 15W, 7.5W	70V: 60W, 30W, 15W, 7.5W 100V: 60W, 30W, 15W	70V: 60W, 30W, 15W, 7.5W 100V: 60W, 30W, 15W	70V: 120W, 60W, 30W, 15W 100V: 120W, 60W, 30W	70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W	70V: 200W, 100W, 50W, 25W 100V: 200W, 100W, 50W
Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
White RAL 9016	White RAL 9016	Black RAL 9005 White RAL 9016	White RAL 9016	White RAL 9016	White RAL 9016
9.8″ x 6.8″ (248 x 172 mm)	9.8″ x 6.8″ (248 x 172 mm)	11.2″ x 6.8″ (285 x 172 mm)	13.2″ x 8.2″ (335 x 207 mm)	15.2″ x 9.9″ (386 x 252 mm)	15.2″ x 9.9″ (386 x 252 mm)
8.75″ (222 mm)	8.75″ (222 mm)	10.25″ (260 mm)	12.25″ (311 mm)	14.1″ (359 mm)	14.1″ (359 mm)
UL1480, UL2043, CSA60065, NFPA70, NFPA90	UL1480, UL2043, CSA60065, NFPA70, NFPA90	UL1480, UL2043, CSA60065, NFPA70, NFPA90	UL1480, UL2043, CSA60065, NFPA70, NFPA90	UL1480, UL2043, CSA60065, NFPA70, NFPA90	UL1480, UL2043, CSA60065, NFPA70, NFPA90

PENDANTS

Built to provide exceptional music and speech dispersion to rooms with high ceilings and large open areas, our pendant loudspeakers are attractively designed and easy to install, making them a popular choice for a wide variety of spaces.

P30DT & P60DT

- Installer-friendly end cap with cut-out slot and integrated magnetic closure; hides the tap selector and all cable connections
- Two toolless Gripple® cable fasteners are provided for a safe, secure, and fast installation
- Euroblock connector with permanent pass-through
- Tap switch allows for 70V/100V or 16-ohm low impedance operation
- Tuned bass reflex port for optimized low-frequency performance
- Loudspeaker overload protection for 24/7 failsafe operation

P6 & P6-SM

- Bridge-mounted soft dome tweeter mechanically isolated from the low frequency driver
- IP54 rated for outdoor splash applications such as patios or concourses
- Magic Cable is pre-terminated inside the pendant to ensure no exposed connections at the loudspeaker; contains two hardened stainless steel cables and two audio conductors

DP6 & DP8

- Stylish, contoured contemporary pendant design
- Same components and voicing as the D Series ceiling and surface mount loudspeakers
- Consistent, wide dispersion up to 16 kHz
- True coaxial loudspeakers with HF compression drivers
- Tru-Phase™ high-frequency waveguide
- Patented Carbon Ring Cone Technology™
- High-efficiency, high-output, high intelligibility, low distortion
- Paintable enclosure constructed of high-impact ABS plastic to reduce resonances

BUSINESS AUDIO: PENDANTS

	P30DT	P60DT	DP6	DP8	P6	P6-SM
Loudspeaker Type	Two-way 4.25-inch pendant mount loudspeaker	Two-way 6.5-inch pendant mount loudspeaker	Two-way 6.5-inch pendant mount loudspeaker	Two-way 8-inch pendant mount loudspeaker	Two-way 6.5-inch pendant mount loudspeaker	Two-way 6.5-inch pendant mount loudspeaker
Drivers	LF 1 x 4.25″ HF 1 x 1″	LF 1 x 6.5″ HF 1 x 1″	LF 1 x 6.5″ HF 1 x 1″	LF 1 x 8″ HF 1 x 1.25″	LF 1 x 6.5″ HF 1 x 1″	LF 1 x 6.5″ HF 1 x 1″
Operating Range	75 Hz - 20 kHz	75 Hz - 22 kHz	65 Hz - 22 kHz	60 Hz - 22 kHz	75 Hz - 18.5 kHz	75 Hz - 18.5 kHz
Sensitivity (1W/1m)	87 dB	89 dB	94 dB	95 dB	86 dB	87 dB
Power Rating	50W Cont. 200W Peak	60W Cont. 240W Peak	100W Cont. 400W Peak	150W Cont. 600W Peak	60W Cont. 240W Peak	60W Cont. 240W Peak
Max Output @1m	104 dB 110 dB Peak	107 dB 113 dB Peak	114 dB 120 dB Peak	117 dB 123 dB Peak	104 dB 110 dB Peak	105 dB 111 dB Peak
Nominal Impedance	16Ω	16Ω	8Ω	8Ω	6Ω	6Ω
Dispersion	120° conical	120° conical	125° conical	115° conical	90° conical	90° conical
Transformer Taps	70V: 30W, 15W, 7.5W, 3.75W, 1.75W 100V: 30W, 15W, 7.5W, 3.75W	70V: 60W, 30W, 15W, 7.5W, 3.75W 100V: 60W, 30W, 15W, 7.5W	70V: 60W, 30W, 15W, 7.5W 100V: 60W, 30W, 15W	70V: 120W, 60W, 30W, 15W 100V: 120W, 60W, 30W	70V: 60W, 30W, 15W, 7.5W, 3.75W, 1.875W 100V: 60W, 30W, 15W, 7.5W, 3.75W	70V: 60W, 30W, 15W, 7.5W, 3.75W, 1.875W 100V: 60W, 30W, 15W, 7.5W, 3.75W
Environmental	Indoor	Indoor	Indoor	Indoor	IP54 per IEC 60529	IP54 per IEC 60529
RAL Color	Black RAL 9010 White RAL 9011	Black RAL 9010 White RAL 9011	Black RAL 9005 White RAL 9016	Black RAL 9005 White RAL 9016	Black RAL 9017 White RAL 9016	Black RAL 9017 White RAL 9016
Dimensions H x Dia.	8.8″ x 9.2″ (223 x 233 mm)	10.4″ x 10.9″ (265 x 276 mm)	14.7″ x 11.2″ (374 x 285 mm)	17.7″ x 13.4″ (450 x 340 mm)	15.6″ x 9.4″ (397 x 238 mm)	5.5″ x 11.5″ (139 x 292 mm)
Compliance	UL1480A, CSA C22.2#62368-1	UL1480A, CSA C22.2#62368-1	UL1480, CSA60065	UL1480, CSA60065	UL1480A, CSA C22.2#62368-1, CSA C22.2#60950-22, Magic Cable: UL13, Class 3	UL1480A, CSA C22.2#62368-1, CSA C22.2#60950-22, Magic Cable: UL13, Class 3

SURFACE MOUNT

Stylishly designed and compact in construction, our surface mount loudspeakers allow for easy integration within any interior space without compromising on sound quality.

KUBO Series

- High speech intelligibility coupled with full-range music reproduction
- Stylish yet subtle design; blends well in many environments
- Can be mounted to track lighting rails through innovative optional accessories
- Magnetically attached end caps hide audio connections and bracket hardware

MASK Series

- IP64-rated for outdoor applications like patios or concourses
- Waterproof connector sealing for outdoor applications
- Innovative ClickMount™ bracket allows all audio connections to be made at the bracket
- Integrated spirit level for fast, hassle-free positioning and mounting
- Loudspeaker overload protection for 24/7 failsafe operation

DS Series

- Modern architectural design
- Same components and voicing as the D Series ceiling loudspeakers
- High-efficiency, high-output, high-intelligibility, low-distortion
- Paintable enclosure constructed of high-impact ABS plastic to reduce resonances
- Front-accessible power tap switch for selectable 8-ohm or 70V/100V operation
- Infin-A-Ball™ low-profile mounting bracket included
- Weather-resistant construction with treated drivers, two-layer powder coated grilles, and protected wiring ingress

EX Series

- Exceptional audio clarity with small footprint and attractive styling
- Uniform coverage from coaxially mounted HF/LF drivers
- 5-position switch selects 70V/100V taps or low impedance bypass
- The ClickMount pan-tilt bracket provides indexed aiming control and allows for mounting EX Series quickly in either vertical or horizontal position without moving the bracket position
- The ClickMount U-Bracket is also available for low-profile mounting or exterior use and includes the ClickPlug with integrated gland nut for weather-resistant applications
- Both brackets are theft and tamper resistant

BUSINESS AUDIO: SURFACE MOUNT

	KUBO3	KUBO3T	KUBO5	KUBO5T	MASK2	MASK4C	MASK4CT	MASK6C
Loudspeaker Type	3-inch surface mount loudspeaker	3-inch surface mount loudspeaker	Two-way 5.25-inch surface mount loudspeaker	Two-way 5.25-inch surface mount loudspeaker	2.5-inch surface mount loudspeaker	Two-way 4.25-inch surface mount loudspeaker	Two-way 4.25-inch surface mount loudspeaker	Two-way 6.5-inch surface mount loudspeaker
Drivers	1 x 3"	1 x 3"	LF 1 x 5.25" HF 1 x 1"	LF 1 x 5.25" HF 1 x 1"	1 x 2.5" paper cone	LF 1 x 4.25" HF 1 x 1"	LF 1 x 4.25" HF 1 x 1"	LF 1 x 6.5" HF 1 x 1"
Operating Range	115 Hz - 20 kHz	115 Hz - 20 kHz	115 Hz - 20 kHz	94 Hz - 20 kHz	125 Hz - 22 kHz	70 Hz - 22 kHz	70 Hz - 22 kHz	65 Hz - 22 kHz
Sensitivity (1W/1m)	84 dB	86 dB	84 dB	87 dB	84 dB	89 dB	88 dB	89 dB
Power Rating	25W Cont. 100W Peak	25W Cont. 100W Peak	50W Cont. 200W Peak	50W Cont. 200W Peak	35W Cont. 140W Peak	50W Cont. 200W Peak	50W Cont. 200W Peak	150W Cont. 600W Peak
Max Output @1m	98 dB 104 dB Peak	100 dB 106 dB Peak	101 dB 197 dB Peak	104 dB 110 dB Peak	99 dB 105 dB Peak	106 dB 112 dB Peak	105 dB 111 dB Peak	111 dB 117 dB Peak
Nominal Impedance	8Ω	16Ω	8Ω	16Ω	8Ω	8Ω	16Ω	8Ω
Dispersion (H x V)	100° conical	100° conical	70° conical	80° conical	110° conical	100° x 80°	100° x 70°	100° x 50°
Transformer Taps	n/a	70V: 10W, 5W, 2.5W, 1.25W 100V: 10W, 5W, 2.5W	n/a	70V: 30W, 15W, 7.5W, 3W, 1.5W 100V: 30W, 15W, 6W, 3W	n/a	n/a	70V: 20W, 10W, 5W, 2.5W, 1.25W 100V: 20W, 10W, 5W, 2.5W	n/a
Environmental	IP40 per IEC 60529	IP40 per IEC 60529	IP40 per IEC 60529	IP40 per IEC 60529	IP60 per IEC 60529	IP64 per IEC 60529	IP64 per IEC 60529	IP64 per IEC 60529
RAL Color	Black RAL9011 White RAL9016	Black RAL9011 White RAL9016	Black RAL9011 White RAL9016	Black RAL9011 White RAL9016	Black RAL9011 White RAL9016	Black RAL9011 White RAL9016	Black RAL9011 White RAL9016	Black RAL9011 White RAL9016
Dimensions H x W x D	4.9" x 5.2" x 4.3" (125 x 131 x 109 mm)	4.9" x 5.2" x 4.3" (125 x 131 x 109 mm)	6.1" x 6.4" x 5.3" (155 x 164 x 136 mm)	6.1" x 6.4" x 5.3" (155 x 164 x 136 mm)	3.7" x 3.2" x 4.3" (94 x 82 x 108 mm)	9.4" x 5.7" x 5.7" (238 x 144 x 144 mm)	9.4" x 5.7" x 5.7" (238 x 144 x 144 mm)	12.9" x 7.8" x 7.5" (328 x 198 x 190 mm)
Compliance	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

*Not Available in US & Canada

**Preliminary specifications

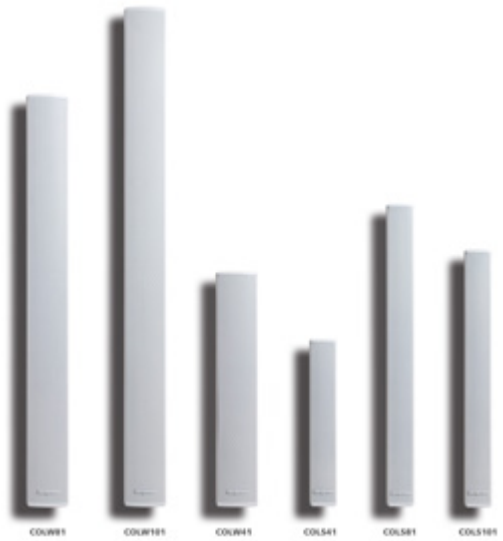
MASK6CT	MASK8F*	DS5	DS8	EX-S6	EX-S8**	EX-S10**	EX-S10SUB**
Two-way 6.5-inch surface mount loudspeaker	Two-way 8-inch surface mount loudspeaker	Two-way, 5-inch surface mount loudspeaker	Two-way 8-inch surface mount loudspeaker	Two-way 6.5-inch surface mount loudspeaker	Two-way 8-inch surface mount loudspeaker	Two-way 10-inch surface mount loudspeaker	10-inch surface mount subwoofer
LF 1 x 6.5″ HF 1 x 1″	LF 1 x 8″ HF 1 x 1”	LF 1 x 5″ HF 1 x 1″	LF 1 x 8″ HF 1 x 1.25″	LF 1 x 6.5” HF 1 x 1”	LF 1 x 8” HF 1 x 1.4”	LF 1 x 10” HF 1 x 1.4”	LF 1 x 10″
65 Hz - 22 kHz	53 Hz - 22 kHz	65 Hz - 22 kHz	60 Hz - 22 kHz	58 Hz - 20 kHz	56 Hz - 20 kHz	50 Hz - 18 kHz	45 Hz - 200 Hz
90 dB	87 dB	93 dB	95 dB	89 dB	91 dB	92 dB	92 dB (half space)
150W Cont. 600W Peak	200W Cont. 800W Peak	100W Cont. 400W Peak	150W Cont. 600W Peak	200W Cont. 800W Peak	250W Cont. 1000W Peak	300W Cont. 1200W Peak	300W Cont. 1200W Peak
112 dB 118 dB Peak	110 dB 116 dB Peak	113 dB 119 dB Peak	117 dB 123 dB Peak	112 dB 118 dB Peak	115 dB 121 dB Peak	117 dB 123 dB Peak	117 dB/123 dB Peak (half space)
16Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
100° x 50°	100° x 80°	130° conical	115° conical	110° conical	100° conical	90° conical	omnidirectional
70V: 60W, 30W, 15W, 7.5W, 3W 100V: 60W, 30W, 15W, 6W	n/a	70V: 60W, 30W, 15W, 7.5W 100V: 60W, 30W, 15W	70V: 120W, 60W, 30W, 15W 100V: 120W, 60W, 30W	70V: 80W, 40W, 20W, 10W 100V: 80W, 40W, 20W	70V: 80W, 40W, 20W, 10W 100V: 80W, 40W, 20W	70V: 120W, 60W, 30W, 15W 100V: 120W, 60W, 30W	n/a
IP64 per IEC 60529	Indoor	IP55 rated, IP56 rated connector cover, designed to Mil Spec 810	IP55 rated, IP56 rated connector cover, designed to Mil Spec 810	IP54 per IEC 60529, IEC 60068-2-5 (Solar Radiation), IEC 60068-2-11 (Salt Mist), IEC 60068-2-42 (SO2), IEC 60068-2-60 (Chlorine)	IP54 per IEC 60529, IEC 60068-2-5 (Solar Radiation), IEC 60068-2-11 (Salt Mist), IEC 60068-2-42 (SO2), IEC 60068-2-60 (Chlorine)	IP54 per IEC 60529, IEC 60068-2-5 (Solar Radiation), IEC 60068-2-11 (Salt Mist), IEC 60068-2-42 (SO2), IEC 60068-2-60 (Chlorine)	IP54 per IEC 60529, IEC 60068-2-5 (Solar Radiation), IEC 60068-2-11 (Salt Mist), IEC 60068-2-42 (SO2), IEC 60068-2-60 (Chlorine)
Black RAL9011 White RAL9016	Black RAL9011 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9017 White RAL9016	Black RAL9017 White RAL9016	Black RAL9017 White RAL9016	Black RAL9017 White RAL9016
12.9″ x 7.8″ x 7.5″ (328 x 198 x 190 mm)	16.2″ x 9.8″ x 9.8″ (411 x 250 x 250 mm)	12.9″ x 6.3″ x 7.5″ (328 x 160 x 191 mm)	18.5″ x 9″ x 10.1″ (470 x 230 x 257 mm)	13.8″ x 8.5″ x 8.7″ (350 x 217 x 220mm)	17.4″ x 10.3″ x 10.2″ (443 x 262 x 260mm)	20.7″ x 12.1″ x 12.3″ (527 x 308 x 313mm)	20.7″ x 12.1″ x 12.3″ (527mm x 308mm x 313mm)
n/a	n/a	n/a	n/a	UL1480A, CSA STD C22.2# 62368-1, EN54-24 (pending), ISO 7240-24, IEC 62368-1 (pending)	UL1480A, CSA STD C22.2# 62368-1, EN54-24 (pending), ISO 7240-24, IEC 62368-1 (pending)	UL1480A, CSA STD C22.2# 62368-1, EN54-24 (pending), ISO 7240-24, IEC 62368-1 (pending)	UL1480A, CSA STD C22.2# 62368-1, EN54-24 (pending), ISO 7240-24, IEC 62368-1 (pending)

COLUMN LOUDSPEAKERS

Engineered to provide extraordinary sound reproduction within difficult acoustic environments, our column loudspeakers enable music and speech reproduction of unparalleled clarity.

COL Series

- Extra slim design
- Advanced technology guarantees optimized sound dispersion
- Standard installation tools and wall bracket included



E Series ENT200 Point Source

- Advanced passive crossover technology and dynamic protection circuitry
- Compact Ribbon Emulator high frequency technology for narrow, well-behaved vertical directivity control
- All-weather construction for indoor/outdoor usage
- Simple installation using the included pan-tilt mounting bracket
- Selectable low impedance or 70V/100V operation

E Series ENT-FR/LF Line Source

- Modular design for versatile coverage, free of unwanted lobes
- Wide-frequency range and high-output level
- Highly intelligible voice reproduction and excellent musical sound quality
- Stylish, unobtrusive appearance
- Weather-resistant for outdoor installation
- Simple installation using a variety of versatile mounting accessories
- Integrated T-Bar mounting bracket included with each column

Guardian Angel Cathedral
Las Vegas, Nevada

BUSINESS AUDIO: COLUMN LOUDSPEAKERS

	COLS41*	COLS81*	COLS101*	COLW41*	COLW81*	COLW101*
Loudspeaker Type	Two-way 4 x 2-inch column loudspeaker	Two-way 8 x 2-inch column loudspeaker	Two-way 10 x 2-inch column loudspeaker	Two-way 4 x 3.3-inch column loudspeaker	Two-way 8 x 3.3-inch column loudspeaker	Two-way 10 x 3.3-inch column loudspeaker
Drivers	LF 4 x 2″ HF 1 x 1″	LF 8 x 2” HF 1 x 1”	LF 10 x 2” HF 1 x 1”	LF 4 x 3.3″ HF 1 x 1”	LF 8 x 3.3″ 1 x 1”	LF 10 x 3.3″ 1 x 1”
Operating Range	175 Hz - 22 kHz	185 Hz - 22 kHz	195 Hz - 22 kHz	155 Hz - 16 kHz	165 Hz - 17 kHz	165 Hz - 18 kHz
Sensitivity (1W/1m)	87 dB	89 dB	91 dB	94 dB	97 dB	99 dB
Power Rating	20W Cont. 80W Peak	30W Cont. 120W Peak	30W Cont. 120W Peak	40W Cont. 160W Peak	80W Cont. 320W Peak	100W Cont. 400W Peak
Max Output @1m	100 dB 106 dB Peak	104 dB 110 dB Peak	106 dB 112 dB Peak	110 dB 116 dB Peak	116 dB 122 dB Peak	119 dB 125 dB Peak
Nominal Impedance	8Ω	16Ω	8Ω	16Ω	8Ω	8Ω
Dispersion (H x V)	150° x 20°	120° x 15°	120° x 10°	100° x 15°	100° x 10°	100° x 8°
Transformer Taps	70V: 20W, 10W, 5W, 2.5W 100W: 20W, 10W, 5W	70V: 30W, 15W, 7.5W, 3W 100V: 30W, 15W, 7.5W	70V: 40W, 20W, 10W, 5W 100V: 40W, 20W, 10W	70V: 40W, 30W, 15W, 7.5W 100V: 40W, 30W, 15W	70V: 80W, 40W, 20W, 15W 100V: 80W, 40W, 30W	70V: 100W, 60W, 40W, 20W 100V: 100W, 60W, 40W
Environmental	IP66 per IEC 60529	IP66 per IEC 60529	IP66 per IEC 60529	IP66 per IEC 60529	IP66 per IEC 60529	IP66 per IEC 60529
RAL Color	White RAL9016	White RAL9016	White RAL9016	White RAL9016	White RAL9016	White RAL9016
Dimensions H x W x D	15.7″ x 2.6″ x 2.6″ (400 x 66 x 66 mm)	24.2” x 2.6” x 2.6” (614 x 66 x 66 mm)	28.4” x 2.6” x 2.6” (721 x 66 x 66 mm)	21.9” x 3.9” x 3.3” (555 x 100 x 83 mm)	38.3” x 3.9 x 3.3” (974 x 100 x 83 mm)	46.5” x 3.9” x 3.3” (1180 x 100 x 83 mm)

*Not Available in US & Canada

ENT203	ENT206	ENT212	ENT220	ENT-FR	ENT-LF
Two-way 3 x 3.15-inch column point source loudspeaker	Two-way 6 x 3.15-inch column point source loudspeaker	Two-way 12 x 3.15-inch column point source loudspeaker	Two-way 20 x 3.15-inch column point source loudspeaker	Three-way 6 x 3.5-inch column line source loudspeaker	Low frequency column
LF 3 x 3.15″ HF 1 x 3-element CRE	LF 6 x 3.15″ HF 2 x 3-element CRE	LF 12 x 3.15″ HF 4 x 3-element CRE	LF 20 x 3.15″ HF 4 x 3-element CRE	LF 6 x 3.5” MF 18 x 2.35” HF 6 x 7” CRE	LF 6 x 3.5″
150 Hz - 22 kHz	120 Hz - 22 kHz	100 Hz - 22 kHz	80 Hz - 22 kHz	200 Hz - 20 kHz	200 Hz - 1.6 kHz
92 dB	94 dB	97 dB	99 dB	Curved (12°V): 93 dB Straight (6°V): 95 dB	90 dB
75W Cont. 300W Peak	150W Cont. 600W Peak	325W Cont. 1300W Peak	500W Cont. 2000W Peak	600W Cont. 2400W Peak	600W Cont. 2400W Peak
111 dB 117 dB Peak	116 dB 122 dB Peak	122 dB 128 dB Peak	126 dB 132 dB Peak	Curved (12°V): 120 dB Straight (6°V): 122 dB	116 dB
16Ω	8Ω	8Ω	8Ω	12Ω	12Ω
140° x 40°	140° x 20°	140° x 15°	140° x 15°	Horizontal: 120° Vertical: 12° or 6° (user configurable)	Using ENT-LF columns with ENT-FR enhances vertical pattern control at lower frequencies
70V: 30W, 15W, 7.5W, 3.75W, 1.88W 100V: 30W, 15W, 7.5W, 3.75W	70V: 60W, 30W, 15W, 7.5W, 3.75W 100V: 60W, 30W, 15W, 7.5W	70V: 120W, 60W, 30W, 15W, 7.5W 100V: 120W, 60W, 30W, 15W	70V: 120W, 60W, 30W, 15W, 7.5W 100V: 120W, 60W, 30W, 15W	n/a	n/a
IP54 per IEC 60529, Designed to MIL-STD-810G	IP54 per IEC 60529, Designed to MIL-STD-810G	IP54 per IEC 60529, Designed to MIL-STD-810G	IP54 per IEC 60529, Designed to MIL-STD-810G	IP54 per IEC 60529, Designed to MIL-STD-810G	IP54 per IEC 60529, Designed to MIL-STD-810G
Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003	Black RAL9005 White RAL9003
10.34″ x 4.63″ x 7.48″ (263 x 118 x 190 mm)	19.93″ x 4.63″ x 7.48″ (506 x 118 x 190 mm)	39.11″ x 4.63″ x 7.48″ (993 x 118 x 190 mm)	64.69″ x 4.63″ x 7.48″ (1643 x 118 x 190 mm)	44.5″ x 5.5″ x 7.4″ (1129 x 140 x 187 mm)	44.5” x 5.5” x 7.4” (1129 x 140 x 187 mm)

SUBWOOFERS

A critical component for achieving truly full sound, our subwoofers deliver deep bass in low-profile packages.

SUBLIME

- Ultra-compact passive 6.5” dual coil subwoofer
- The thinnest subwoofer on the market allows for easy integration into any interior
- Ideal partner for the MASK2, KUBO3, OVO3, CM3T, or CM
- Wall mounting brackets and installation template included

SUB2201

- Compact passive 10” subwoofer
- A smooth and punchy bass makes your music experience complete
- Fill your bar, restaurant, shop, or multipurpose room with full spectrum sound
- Ideal in combination with MASK, and OVO

SUB2400

- Powerful passive dual 10” subwoofer
- Fill your bar, club, pool house, or restaurant with incredibly punchy bass
- Ideal in combination with MASK6 or MASK8
- Dual 10” woofers allow for faster, stronger responses than single 15” subwoofers

BUSINESS AUDIO: SUBWOOFERS

	SUBLIME	SUB2201*	SUB2400*
Loudspeaker Type	6.5-inch dual-coil, ultra-compact subwoofer	10-inch compact subwoofer	Dual 10-inch subwoofer
Drivers	LF 1 x 6.5”	LF 1 x 10”	LF 2 x 10”
Operating Range	50 Hz - 200 Hz	45 Hz - 150 Hz	45 Hz - 150 Hz
Sensitivity (1W/1m)	85 dB	96 dB	99 dB
Power Rating	2 x 40W Cont. 160W Peak	125W Cont. 500W Peak	600W Cont. 2400W Peak
Max Output @1m	101 dB 107 dB Peak	114 dB 120 dB Peak	127 dB 133 dB Peak
Nominal Impedance	8Ω	4Ω	4Ω
Dispersion	Omnidirectional	Omnidirectional	Omnidirectional
Transformer Taps	n/a	n/a	n/a
Environmental	IP20 per IEC 60529	Indoor	IP20 per IEC 60529
RAL Color	Black RAL9011 White RAL9003	Black RAL9011	Black RAL9011 White RAL9003
Dimensions H x W x D	16.5″ x 4.7″ x 18.5″ (420 x 120 x 470 mm)	23.6” x 11.8” x 15” (600 x 300 x 380 mm)	27.6” x 13.9” x 17.7” (700 x 352 x 450 mm)

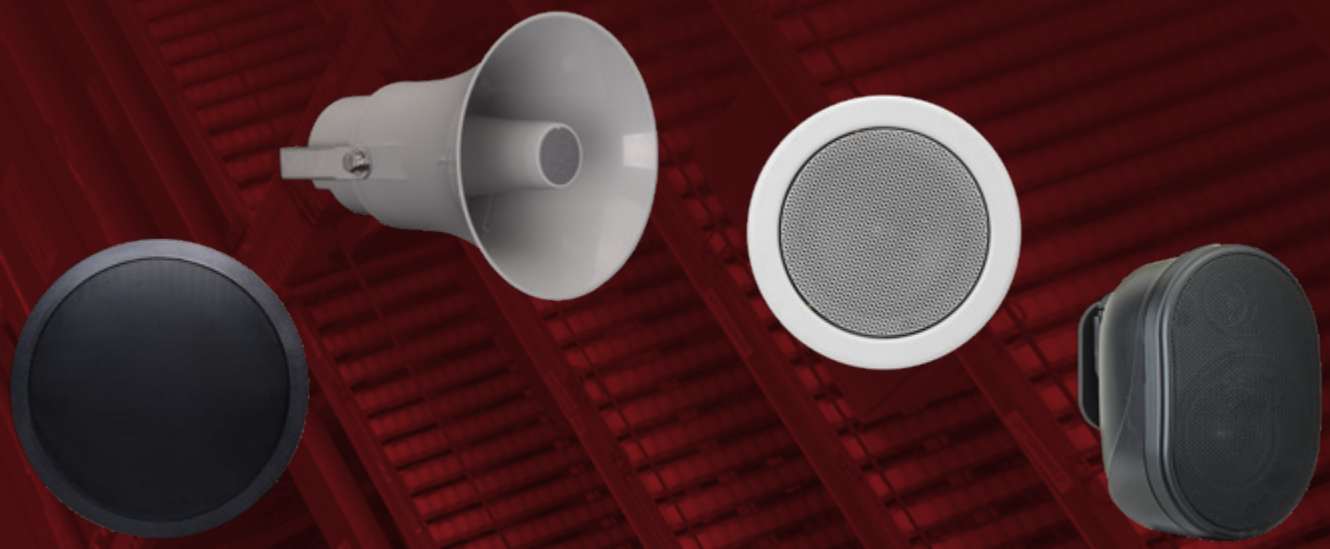
*Not Available in US & Canada

COMMERCIAL LOUDSPEAKERS

Installer-friendly loudspeakers intended for large-scale distributed deployments

Our commercial loudspeakers are designed for easy installation in a variety of establishments including retail stores, restaurants, bars and clubs, and hospitality venues. With a wide array of loudspeaker solutions, our products allow you to design a system to meet your specifications, no matter the application.

- In-ceiling, surface mount, column, and pendant form factors
- Built-in transformers for low impedance and constant voltage applications
- Installer-friendly features to speed up installation time



CEILING MOUNT

Our Commercial ceiling loudspeaker systems deliver excellent sound performance in an elegant design that enables streamlined installation every time.

Round CM Economy Series

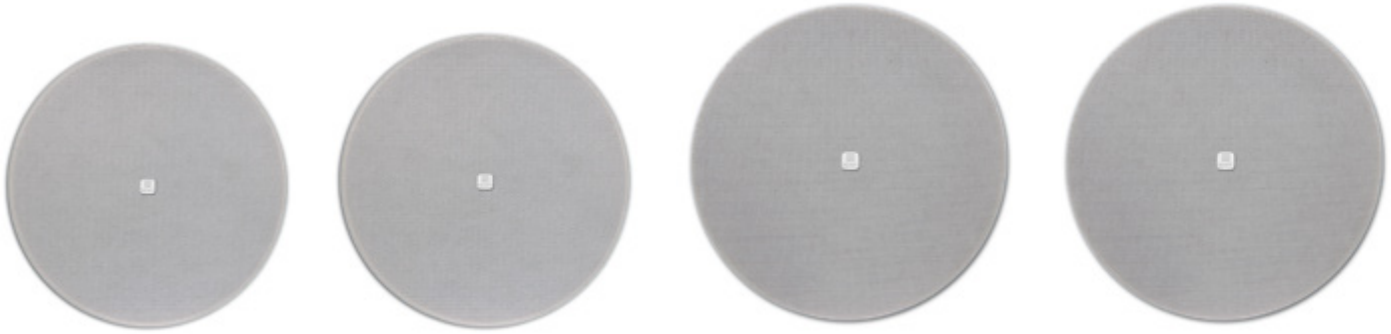
- Ideal for quality speech, discrete background music, safety messaging and paging
- Extremely fast and easy to install
- 100V only

Round CM Classic Series

- Excellent sound performance in an elegant design
- Ideal for background music and speech
- Wide range of 70V/100V and low impedance built-in loudspeakers for various applications

Round CM Design Series

- Shares the technical and acoustic specifications of the Classic Series
- The thin edge grille and integrated neodymium grille fixed magnets guarantee an easy, smooth and elegant integration in every environment
- 70V/100V and low impedance models



Ceiling Subwoofer

- Inconspicuous integration allows flat and deep bass without compromising space on the wall or floor
- Ideal partner for Commercial Round CM Classic Series: and OVO Series

MARINE Series

- Chlorine and saltwater proof marine ceiling loudspeakers
- Suitable for use in humid and hot conditions; yachts, cruise ships, swimming pools, and saunas
- 100V and low impedance models

COMMERCIAL LOUDSPEAKERS: CEILING MOUNT*

	CM3T	CM4	CM4T	CM6E	CM6T
Loudspeaker Type	3-inch 70V/100V ceiling loudspeaker	4-inch ceiling loudspeaker	4-inch 70V/100V ceiling loudspeaker	6.5-inch dual cone ceiling loudspeaker	Two-way 6.5-inch 70V/100V ceiling loudspeaker
Drivers	1 x 3″ coated paper dual cone	1 x 4″ coated paper dual cone	1 x 4″ coated paper dual cone	1 x 6.5″ paper dual cone	LF 1 x 6.5″ enforced polypropylene HF 1 x 1″
Operating Range	120 Hz - 18 kHz	100 Hz - 20 kHz	90 Hz - 19 kHz	70 Hz - 20 kHz	60 Hz - 20 kHz
Sensitivity (1W/1m)	87 dB	88 dB	88 dB	91 dB	87 dB
Power Rating	10W Cont. 40W Peak	15W Cont. 60W Peak	15W Cont. 60W Peak	15W Cont. 60W Peak	30W Cont. 120W Peak
Max Output @1m	99 dB 105 dB Peak	103 dB 109 dB Peak	103 dB 109 dB Peak	99 dB 105 dB Peak	105 dB 111 dB Peak
Nominal Impedance	16Ω	16Ω	16Ω	4Ω	16Ω
Dispersion	180° conical	180° conical	180° conical	180° conical	180° conical
Transformer Taps	70V: 6W, 3W, 1.5W, 0.75W 100V: 6W, 3W, 1.5W	n/a	70V: 6W, 3W, 1.5W, 0.75W 100V: 6W, 3W, 1.5W	100V: 6W, 3W, 1.5W	70V: 6W, 3W, 1.5W, 0.75W 100V: 6W, 3W, 1.5W
Environmental	IP50	IP60	IP50	IP50	IP54
RAL Color	Black RAL9011 White RAL9010	Black RAL9011 White RAL9003	Black RAL9011 White RAL9010	White RAL9010	Black RAL9011 White RAL9010
Dimensions - Bezel Dia. x Total Depth	4.1″ x 2.9″ (105 x 74 mm)	5.3″ x 4.2″ (135 x 107 mm)	5.3″ x 2.9″ (135 x 74 mm)	8″ x 2.8″ (205 x 70 mm)	8″ x 2.8″ (205 x 75 mm)
Cutout Diameter	3.3″ (85 mm)	4.3″ (108 mm)	4.3″ (108 mm)	7.3″ (186 mm)	7.3″ (186 mm)

*Not designed for use in US and Canada. Call for details.

CM608	**CM608D**	**CM20T**	**CM20DT**	**CMX20T**	**CMX20DT**
Two-way 6.5-inch ceiling loudspeaker	Two-way 6.5-inch thin edge ceiling loudspeaker	Two-way 6.5-inch 70V/100V ceiling loudspeaker	Two-way 6.5-inch thin edge 70V/100V ceiling loudspeaker	Two-way 8-inch 70V/100V ceiling loudspeaker	Two-way 8-inch thin edge 70V/100V ceiling loudspeaker
LF 1 x 6.5″ enforced polypropylene HF 1 x 1″	LF 1 x 6.5″ enforced polypropylene HF 1 x 1″	LF 1 x 6.5″ enforced polypropylene HF 1 x 1″	LF 1 x 6.5″ enforced polypropylene HF 1 x 1″	LF 1 x 8″ enforced polypropylene HF 1 x 1″	LF 1 x 8″ enforced polypropylene HF 1 x 1″
60 Hz - 20 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz	50 Hz - 20 kHz	50 Hz - 20 kHz
92 dB	92 dB	86 dB	86 dB	88 dB	88 dB
40W Cont. 160W Peak	40W Cont. 160W Peak	30W Cont. 120W Peak	30W Cont. 120W Peak	50W Cont. 200W Peak	50W Cont. 200W Peak
104 dB 110 dB Peak	104 dB 110 dB Peak	104 dB 110 dB Peak	104 dB 110 dB Peak	108 dB 114 dB Peak	108 dB 114 dB Peak
8Ω	8Ω	16Ω	16Ω	16Ω	16Ω
180° conical	180° conical	180° conical	180° conical	180° conical	180° conical
n/a	n/a	70V: 20W, 10W, 5W, 2.5W 100V: 20W, 10W, 5W	70V: 20W, 10W, 5W, 2.5W 100V: 20W, 10W, 5W	70V: 20W, 10W, 5W, 2.5W 100V: 20W, 10W, 5W	70V: 20W, 10W, 5W, 2.5W 100V: 20W, 10W, 5W
IP54	IP50	IP54	IP50	IP54	IP50
Black RAL9011 White RAL9010	White RAL9010	Black RAL9011 White RAL9010	White RAL9010	Black RAL9011 White RAL9010	White RAL9010
8″ x 3″ (205 x 75 mm)	8.3″ x 3″ (210 x 75 mm)	8″ x 3.1″ (205 x 80 mm)	8.3″ x 3.1″ (210 x 80 mm)	9.6″ x 3.4″ (244 x 87 mm)	9.8″ x 3.4″ (250 x 87 mm)
7.3″ (186 mm)	7.3″ (186 mm)	7.3″ (186 mm)	7.3″ (186 mm)	8.8″ (223 mm)	8.8″ (223 mm)

COMMERCIAL LOUDSPEAKERS: CEILING MOUNT*

	CM1008	CM1008D	CMAR5-W	CMAR5T-W
Loudspeaker Type	Two-way 8-inch ceiling loudspeaker	Two-way 8-inch thin edge ceiling loudspeaker	Two-way 5.25-inch marine ceiling loudspeaker	Two-way 5.25-inch 70V/100V marine ceiling loudspeaker
Drivers	LF 1 x 8″ enforced polypropylene HF 1 x 1″ tweeter	LF 1 x 8″ enforced polypropylene HF 1 x 1″ tweeter	LF 1 x 5.25″ HF 1 x 1″	LF 1 x 5.25” HF 1 x 1”
Operating Range	50 Hz - 20 kHz	50 Hz - 20 kHz	85 Hz - 20 kHz	85 Hz - 20 kHz
Sensitivity (1W/1m)	90 dB	90 dB	88 dB	88 dB
Power Rating	60W cont. 240W Peak	60W cont. 240W Peak	25W cont. 100W Peak	25W cont. 100W Peak
Max Output @1m	107 dB 113 dB Peak	107 dB 113 dB Peak	100 dB 106 dB Peak	100 dB 106 dB Peak
Nominal Impedance	8Ω	8Ω	8Ω	8Ω
Dispersion	180° conical	180° conical	180° conical	180° conical
Transformer Taps	n/a	n/a	n/a	100V: 20W, 10W, 5W, 2.5W
Environmental	IP54	IP50	IP65	IP65
RAL Color	Black RAL9011 White RAL9010	White RAL9010	White RAL9003	White RAL9003
Dimensions - Bezel Dia. x Total Depth	9.6″ x 3.5″ (244 x 90 mm)	9.8″ x 3.5” (250 x 90 mm)	6″ x 2.2″ (152 x 55 mm)	6″ x 2.2″ (152 x 55 mm)
Cutout Diameter	8.8″ (223 mm)	8.8″ (223 mm)	4.4″ (113 mm)	4.4″ (113 mm)

*Not designed for use in US and Canada. Call for details.

CMAR6-W	**CMAR6T-W**	**CMAR8-W**	**CMAR8T-W**	**CMSUB8**
Two-way 6.5-inch marine ceiling loudspeaker	Two-way 6.5-inch 70V/100V marine ceiling loudspeaker	Two-way 8-inch marine ceiling loudspeaker	Two-way 8-inch 70V/100V marine ceiling loudspeaker	8-inch dual coil ceiling subwoofer
LF 1 x 6.5″ HF 1 x 1″	LF 1 x 6.5” HF 1 x 1”	LF 1 x 8″ HF 1 x 1″	LF 1 x 8” HF 1 x 1”	LF 1 x 8″ dual coil coated paper
78 Hz - 20 kHz	78 Hz - 20 kHz	55 Hz - 20 kHz	55 Hz - 20 kHz	50 Hz - 200 Hz
89 dB	89 dB	88 dB	88 dB	88 dB
30W cont. 120W Peak	30W cont. 120W Peak	50W cont. 200W Peak	50W cont. 200W Peak	2 x 40W cont. 160W Peak
104 dB 110 dB Peak	104 dB 110 dB Peak	107 dB 113 dB Peak	107 dB 113 dB Peak	107 dB 113 dB Peak
8Ω	8Ω	8Ω	8Ω	2 x 8Ω
180° conical	180° conical	180° conical	180° conical	Omnidirectional
n/a	100V: 20W, 10W, 5W, 2.5W	n/a	100V: 20W, 10W, 5W, 2.5W	n/a
IP65	IP65	IP65	IP65	IP54
White RAL9003	White RAL9003	White RAL9003	White RAL9003	White RAL9003
7.5″ x 2.4″ (190 x 61 mm)	7.5″ x 2.4″ (190 x 61 mm)	8.7″ x 3″ (220 x 76 mm)	8.7″ x 3″ (220 x 76 mm)	9.7″ x 3.8″ (246 x 97 mm)
5.9″ (151 mm)	5.9″ (151 mm)	7.2″ (184 mm)	7.2″ (184 mm)	8.8” (223 mm)

SURFACE MOUNT LOUDSPEAKERS

Designed for a wide variety of applications, our family of Commercial surface mount loudspeakers ensure high quality sound at an affordable price.

OVO Series

- Ideal for background music and paging
- 70V/100V and low impedance models

OVO Active Speaker Series

- Known for excellent musical quality and crystal-clear voice reproduction
- Back panels feature volume control and separate bass and treble control

SDQ Series

- Ideal and cost-effective solution for boardroom, meeting room, or classroom
- Reliable and affordable models for dynamic music and detailed voice reproduction

SM6 Series

- Suited for both background music and paging
- Quick-fit cable clamps for quick and easy installation

ROCK Series

- The weatherproof and inconspicuous design allow them to disappear into a natural environment
- Perfect for theme parks, outdoor pools or garden areas

Eastern Plaza Restaurant
Bentelo, The Netherlands

COMMERCIAL LOUDSPEAKERS: SURFACE MOUNT*

	OV03	OV03T	OV05
Loudspeaker Type	Two-way 3-inch surface mount loudspeaker	Two-way 3-inch 100V surface mount loudspeaker	Two-way 5.25-inch surface mount loudspeaker
Drivers	LF 1 x 3" coated paper cone HF 1 x 1" silk dome	LF 1 x 3" coated paper cone HF 1 x 1" silk dome	LF 1 x 5.25" coated paper cone HF 1 x 1" silk dome
Operating Range	90 Hz - 20 kHz	90 Hz - 20 kHz	70 Hz - 20 kHz
Sensitivity (1W/1m)	82 dB	82 dB	89 dB
Power Rating	20W cont. 80W Peak	20W cont. 80W Peak	50W cont. 200W Peak
Max Output @1m	97 dB 103 dB Peak	97 dB 103 dB Peak	105 dB 111 dB Peak
Nominal Impedance	8Ω	16Ω	8Ω
Dispersion	180° x 180°	180° x 180°	180° x 180°
Transformer Taps	n/a	100V: 6W, 3W, 1.5W	n/a
Environmental	IP40	IP40	IP40
RAL Color	Black RAL9011 White RAL9003	Black RAL9011 White RAL9003	Black RAL9011 White RAL9003
Dimensions - H x W x D	6.3" x 4.3" x 4.6" (160 x 110 x 117 mm)	6.3" x 4.3" x 4.6" (160 x 110 x 117 mm)	10.2" x 6.7" x 7" (260 x 170 x 180 mm)

*Not designed for use in US and Canada. Call for details.

OVO5P	**OVO5T**	**OVO8**	**OVO8P**	**OVO8T**
Stereo loudspeaker set with 1 active and 1 passive loudspeaker	Two-way 5.25-inch 100V surface mount loudspeaker	Two-way 8-inch surface mount loudspeaker	Two-way 8-inch active surface mount loudspeaker	Two-way 8-inch 100V surface mount loudspeaker
LF 1 x 5.25″ coated paper cone HF 1 x 1″ soft dome	LF 1 x 5.25″ coated paper cone HF 1 x 1″ silk dome	LF 1 x 8″ coated paper cone HF 1 x 1″ silk dome	LF 1 x 8″ coated paper cone HF 1 x 1″ soft dome	LF 1 x 8″ coated paper cone HF 1 x 1″ silk dome
50 Hz - 20 kHz	70 Hz - 20 kHz	45 Hz - 20 kHz	40 Hz - 20 kHz	45 Hz - 20 kHz
88 dB	88 dB	87 dB	87 dB	84 dB
Internal 2 x 15W amplifiers	50W cont. 200W Peak	80W cont. 320W Peak	Internal 60W amplifier	80W cont. 320W Peak
101 dB 107 dB Peak	107 dB 113 dB Peak	109 dB 115 dB Peak	105 dB 111 dB Peak	110 dB 116 dB Peak
n/a	16Ω	8Ω	n/a	16Ω
180° x 180°	180° x 180°	180° x 170°	180° x 170°	180° x 165°
n/a	100V: 30W, 15W, 6W, 3W	n/a	n/a	100V: 60W, 30W, 15W, 6W
IP40	IP40	IP40	IP40	IP40
Black RAL9011 White RAL9003	Black RAL9011 White RAL9003	Black RAL9011 White RAL9003	Black RAL9011 White RAL9003	Black RAL9011 White RAL9003
10.2″ x 6.7″ x 7″ (260 x 170 x 180 mm)	10.2″ x 6.7″ x 7″ (260 x 170 x 180 mm)	14″ x 9.6″ x 9.8″ (358 x 245 x 250 mm)	14″ x 9.6″ x 9.8″ (358 x 245 x 250 mm)	14″ x 9.6″ x 9.8″ (358 x 245 x 250 mm)

COMMERCIAL LOUDSPEAKERS: SURFACE MOUNT*

	SDQ5P/PIR	SM6	SM6V
Loudspeaker Type	Stereo loudspeaker set with 1 active and 1 passive loudspeaker	5.25-inch 100V surface mount loudspeaker	5.25-inch 100V surface mount loudspeaker with volume control
Drivers	LF 1 x 5.25″ HF 1 x 1″	1 x 5.25″ paper cone	1 x 5.25” paper cone
Operating Range	45 Hz - 20 kHz	200 Hz - 20 kHz	200 Hz - 20 kHz
Sensitivity (1W/1m)	86 dB	92 dB	92 dB
Power Rating	Internal 2 x 15W amplifiers	Refer to tap setting	Refer to tap setting
Max Output @1m	101 dB 107 dB Peak	98 dB 104 dB Peak	98 dB 104 dB Peak
Nominal Impedance	n/a	n/a	n/a
Dispersion (H x V)	180° x 180°	180° x 180°	180° x 180°
Transformer Taps	n/a	100V: 6W, 3W, 1.5W	100V: 6W, 3W, 1.5W
Environmental	IP40	IP50	IP50
RAL Color	Black RAL9011 White RAL9016	White RAL 9003	White RAL 9003
Dimensions - H x W x D	10″ x 7″ x 6.4″ (253 x 180 x 162 mm)	5.5″ x 8″ x 2.8″ (140 x 202 x 72 mm)	5.5″ x 8″ x 2.8″ (140 x 202 x 72 mm)

*Not designed for use in US and Canada. Call for details.

SMB6	SMB6V	ROCK20	ROCK608
5.25-inch 100V surface mount loudspeaker with bracket	5.25-inch 100V surface mount loudspeaker with bracket and volume control	Two-way 6.5-inch outdoor loudspeaker	Two-way 6.5-inch outdoor loudspeaker
1 x 5.25” paper cone	1 x 5.25” paper cone	LF 1 x 6.5″ polypropylene HF 1 x 1″	LF 1 x 6.5” polypropylene HF 1 x 1”
200 Hz - 20 kHz	200 Hz - 20 kHz	60 Hz - 20 kHz	60 Hz - 20 kHz
92 dB	92 dB	98 dB	92 dB
Refer to tap setting	Refer to tap setting	25W cont. 100W Peak	25W cont. 100W Peak
98 dB 104 dB Peak	98 dB 104 dB Peak	113 dB 119 dB Peak	105 dB 111 dB Peak
n/a	n/a	8Ω	8Ω
180° x 180°	180° x 180°	180° x 55°	180° x 55°
100V: 6W, 3W, 1.5W	100V: 6W, 3W, 1.5W	100V: 20W, 10W, 5W, 2.5W	n/a
IP50	IP50	IP64	IP64
Grey RAL 7038	Grey RAL 7038	Grey RAL7046	Grey RAL7046
5.5″ x 8″ x 2.8″ (140 x 202 x 72 mm)	5.5″ x 8″ x 2.8″ (140 x 202 x 72 mm)	10.2″ x 7.9″ x 11″ (260 x 200 x 280 mm)	10.2″ x 7.9″ x 11″ (260 x 200 x 280 mm)

PENDANT LOUDSPEAKERS

Installations with high ceilings or large open spaces need loudspeakers capable of covering an expansive area. Our Commercial pendant loudspeakers allow a loud and wide sound dispersion to be produced with a minimal number of loudspeakers.

- Cost-effective solutions for installations with high ceilings
- Natural music and speech intelligibility for announcements

Pendant Series

- Suited for announcements and background music
- Best solution for background music or speech in industrial buildings or supermarkets with high ceilings

	SPH16	SPH20
Loudspeaker Type	Two-way 100V spherical loudspeaker	Spherical loudspeaker with 360° dispersion cone
Drivers	LF 1 x 5.25” paper cone HF 1 x 1”	1 x 8” paper, dual cone
Operating Range	80 Hz - 20 kHz	80 Hz - 18 kHz
Sensitivity (1W/1m)	88 dB	95 dB
Power Rating	16W cont. 64W Peak	20W cont. 80W Peak
Max Output @1m	102 dB 108 dB Peak	111 dB 117 dB Peak
Nominal Impedance	8Ω	8Ω
Dispersion (H x V)	180° x 180°	110° x 110°
Transformer Taps	100V: 16W, 8W, 4W	100V: 20W, 10W, 5W
Environmental	IP53	IP63
RAL Color	White RAL9003	White RAL9003
Dimensions (Dia.)	7″ (180 mm)	10″ (255 mm)

HORNS & MUSIC PROJECTORS

Ideally suited for speech clarity and superior alarm signal reproduction, our Commercial projectors and horns feature indoor and outdoor options that provide unmatched flexibility.

- Ideal for speech, music and alarm signals
- Excellent voice quality to cover long and wide distances
- Coated aluminum or stainless-steel bracket options for efficient installation

Horn Series

- Delivers excellent voice quality over long distances for both indoor and outdoor applications
- Ideal for speech and alarm signals in loud environments

Music Projector Series

- Designed for high quality music reproduction in industrial or professional applications
- Compact, bi-directional and horn loaded models available
- Coated aluminum grille for long-term, rust-free outdoor use

COMMERCIAL LOUDSPEAKERS: HORNS & MUSIC PRO

	H10	H20	H30LT	HM25	MP16
Loudspeakers	Compact compression horn loudspeaker	Compression horn loudspeaker	Long throw compression horn loudspeaker	Ultra-long throw compression horn loudspeaker	5.25-inch compact sound projector
Drivers	Compression driver	Compression driver	Compression driver	Aluminum inner compression driver	1 x 5.25″ coated paper dual cone
Operating Range	400 Hz - 10 kHz	280 Hz - 9.5 kHz	350 Hz - 9 kHz	300 Hz - 15 kHz	100 Hz - 18 kHz
Sensitivity (1W/1m)	101 dB	105 dB	106 dB	103 dB	91 dB
Power Rating	10W cont. 40W Peak	20W cont. 80W Peak	30W cont. 120W Peak	Refer to tap setting	Refer to tap setting
Max Output @1m	109 dB 115 dB Peak	116 dB 121 dB Peak	121 dB 127 dB Peak	117 dB 123 dB Peak	103 dB 109 dB Peak
Nominal Impedance	8Ω	8Ω	8Ω	n/a	n/a
Dispersion (H x V)	180° x 180°	180° x 180°	115° x 165°	180° x 180°	180° x 180°
Transformer Taps	100V: 10W, 5W, 2.5W, 1.25W	100V: 20W, 10W, 5W, 2.5W	100V: 30W, 15W, 7.5W, 3.75W	100V: 25W, 20W, 10W	100V: 16W, 10W, 5W
Environmental	IP66	IP66	IP66	IP66	IP56
RAL Color	Grey RAL9006	Grey RAL9006	Grey RAL9006	Grey RAL9006	Grey RAL9006
Dimensions (H x W x D)	5.5″ x 5.5″ x 7.5″ (140 x 140 x 190 mm)	7.9″ x 7.9″ x 9″ (200 x 200 x 230 mm)	8″ x 11″ x 11″ (207 x 285 x 283 mm)	8″ x 8″ x 10.5″ (206 x 206 x 266 mm)	5.4″ x 6.1″ x 9″ (138 x 156 x 228 mm)

*Not designed for use in US and Canada. Call for details.

JECTORS*

MP26	MPBD20	MPH31	MPLT32	MPLT62
6.5-inch sound projector	2 x 5.25-inch bi-directional sound projector	5.25-inch long throw sound projector	Two-way 6.5-inch long throw music projector	Two-way 6.5-inch long throw music projector
1 x 6.5″ coated paper dual cone	2 x 5.25″ coated paper dual cone	1 x 5.25″ coated paper cone	LF 1 x 6.5″ coated HD HF 1 x 1″ horn driver	LF 1 x 6.5” coated HD HF 1 x 1” horn driver
90 Hz - 19 kHz	150 Hz - 20 kHz	120 Hz - 15 kHz	75 Hz - 18 kHz	75 Hz - 18 kHz
92 dB	91 dB	92 dB	98 dB	98 dB
Refer to tap setting	Refer to tap setting	30W cont. 120W Peak	Refer to tap setting	Refer to tap setting
107 dB 113 dB Peak	100 dB 106 dB Peak	107 dB 113 dB Peak	113 dB 119 dB Peak	115 dB 121 dB Peak
n/a	n/a	8Ω	n/a	n/a
180° x 180°	80° x 80°	180° x 180°	105° x 140°	105° x 140°
100V: 26W, 20W, 10W	100V: 20W, 10W, 5W	100V: 30W, 15W, 7.5W, 4W	100V: 32W, 16W, 8W, 4W	100V: 62W, 32W, 16W, 8W
IP56	IP64	IP54	IP66	IP66
Grey RAL9006	Grey RAL9006	Grey RAL9006	Grey RAL9006	Grey RAL9006
6.7″ x 7.4″ x 10.6″ (170 x 187 x 270 mm)	5.5″ x 5.7″ x 10.6″ (140 x 144 x 270 mm)	6.7″ x 8.9″ x 9.6″ (170 x 226 x 244 mm)	9.8″ x 14.1″ x 11.4″ (250 x 360 x 290 mm)	9.8″ x 14.2″ x 11.4″ (250 x 360 x 290 mm)

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