AUSTRALIAN MONITOR
INTEGRATION INTELLIGENCE

LRS LONG RANGE PROJECTION SPEAKERS

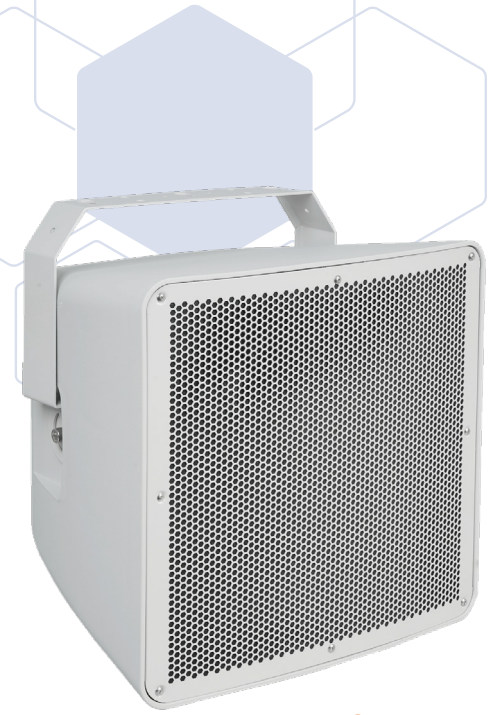
• LRS5 • LRS8 • LRS12 •



LRS5



LRS8



LRS12









MOUNTING ACCESSORIES

The Australian Monitor LRS Long Range Projection Speakers combine high-power, two-way drivers with an IP66-rated enclosure. Available in 5” (LRS5), 8” (LRS8) and 12” (LRS12) models, each supports 8Ω, 70V and 100V operation via a sealed connection panel with screw terminals. They are ideal for open-air locations, including transport hubs, sports facilities and outdoor precincts.

FEATURES

LRS Series Speaker

- 5” (LRS5), 8” (LRS8) or 12” (LRS12)
- 8Ω, 70V and 100V operation
- Multiple power tappings per model
- IP66-rated weatherproof housing
- CE and UKCA compliant
- Adjustable tilt/swivel wall mounting bracket with integrated safety wire point
- Locking handle for secure aiming
- Sealed connection panel, screw terminal
- LRS8 and LRS12 - Stainless steel bracket and grille
- LRS5 - Aluminium bracket and grille

IP66 RATED
Outdoor Use

100V
70V
8Ω
Input

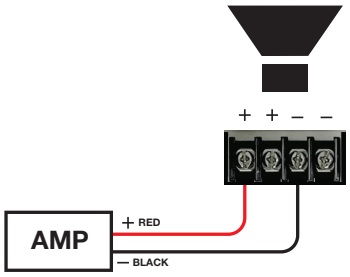
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SPECIFICATIONS

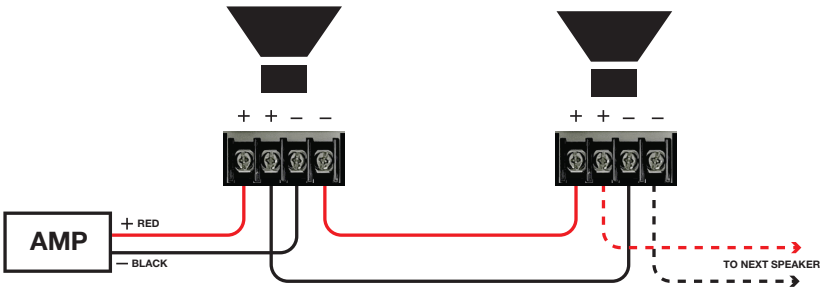
MODEL	LRS5	LRS8	LRS12
POWER (CONTINUOUS, PROGRAM, PEAK)	60W, 120W, 240W	150W, 300W, 600W	300W, 600W, 1200W
TAPPINGS	60W - 167Ω, 30W - 333Ω, 15W - 667Ω, 8Ω	150W - 67Ω 75W - 133Ω, 38W - 267Ω, 8Ω	300W - 33Ω, 150W - 67Ω, 75W - 133Ω, 8Ω
ACOUSTIC DATA			
FREQUENCY RESPONSE (-10dB)	100Hz - 20kHz	70Hz - 20kHz	50Hz - 18kHz
SENSITIVITY (1W/1M) Half Space	90dB	96dB	99dB
MAXIMUM SPL 1W/1M (Continuous/Program/Peak)	108dB/111dB/114dB	118dB/121dB/124dB	124dB/127dB/130dB
DISPERSION	90° horz; 90° vert	84° horz; 55° vert	90° horz; 80° vert
TRANSDUCER			
DRIVERS	1 x 5.25” / 1” voice coil LF 1 x 1” / 0.8” voicecoil HF	1 x 8” / 2” voice coil LF 1 x 1” / 1” voicecoil HF	1 x 12” / 2” voice coil LF 1 x 1.7” / 1.7” voicecoil HF
CROSSOVER	2.5kHz passive	3kHz passive	2kHz passive
PHYSICAL & ENVIRONMENTAL			
CONSTRUCTION	ABS + 0.5% UV	Housing - PP plus 30% fibreglass	
IP RATING	IP66		
FINISH & COLOUR	Aluminium grille and bracket; White (RAL9016)	Powder-coated SUS304 stainless steel; White (RAL9016)	
INPUT CONNECTOR	4 way Screw Terminal Block Cable up to 14-22AWG	4 way Screw Terminal Block Cable up to 12-22AWG	
OPERATING TEMP	-25 °C to +70 °C	-25 °C to +70 °C	
RELATIVE HUMIDITY	10% to 95%		
PRODUCT & SHIPPING DIMENSIONS			
PRODUCT DIMENSIONS (W X D X H) Excl bracket	180 x 194 x 180mm	315.5 x 350 x 307.5mm	425 x 390 x 418mm
PRODUCT WEIGHT	3.35kg	12.3kg	19.3kg
SHIPPING DIMENSIONS (W X D X H)	235 x 230 x 290mm	392 x 385 x 410mm	543 x 517 x 445mm
SHIPPING WEIGHT	3.7kg	14kg	23.8kg
APPROVALS			
IEC62368-1-2023 | EN 62368-1:2014 + A11:2024 | EN 60529:1991 + A1:2000 + A2:2013 + AC:2019			
ACCESSORIES			
Mounting Bracket with 4 screws | Sealed plate with PG11 gland and loopthrough knockout PG11 Gland for loopthrough | 3mm safety retention wire rope. 500mm length M8 Bracket Bolts x 2 | M5 Bolts x 3. (Bracket Tilt x2 and retention wire x 1)			

CONNECTION DIAGRAMS

Single Speaker



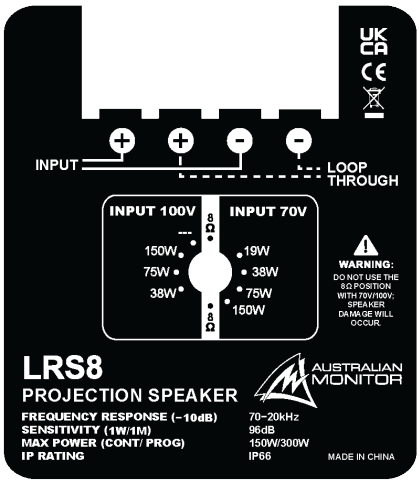
Loop-Through Connection

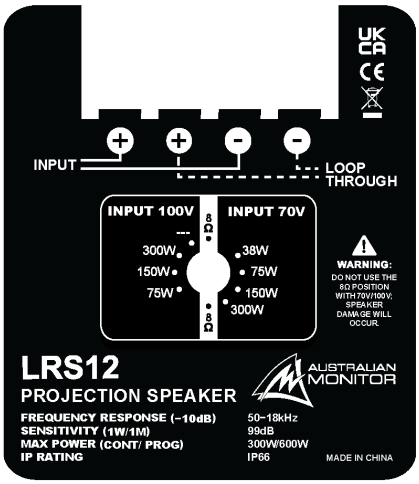


SELECTING OUTPUT POWER

Use the selector switch on the rear of the LRS5, LRS8 or LRS12 to select the required power tapping.
Each position corresponds to the power shown in the labels below.



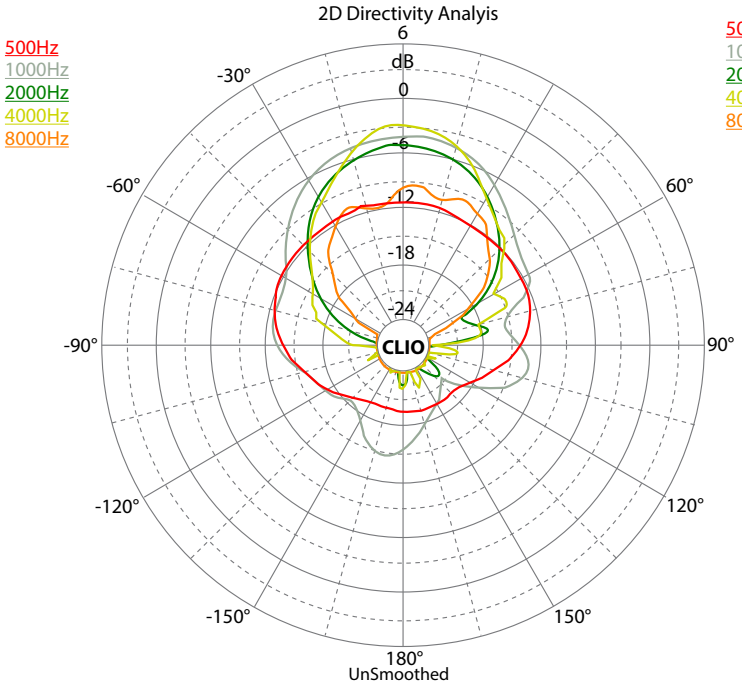




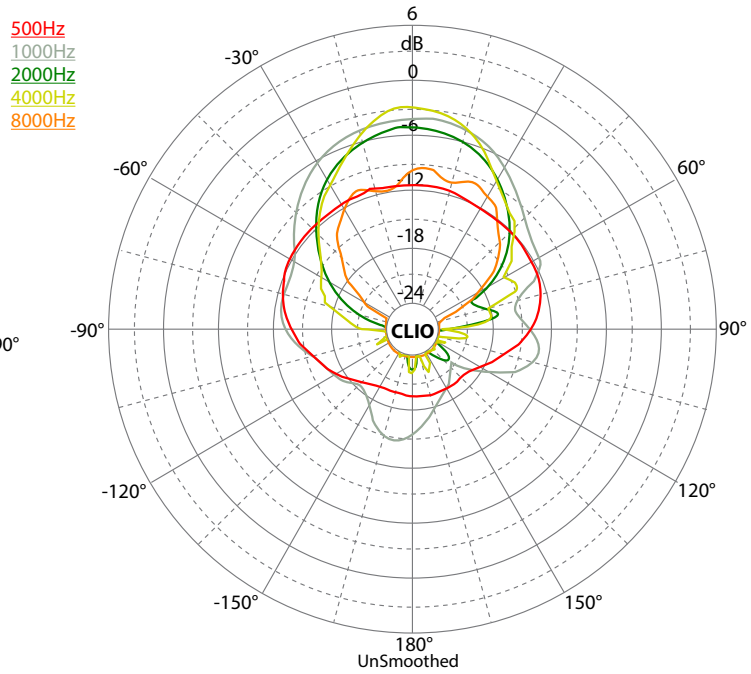
LRS5 POLAR AND FREQUENCY RESPONSES

Ratio vs Angle

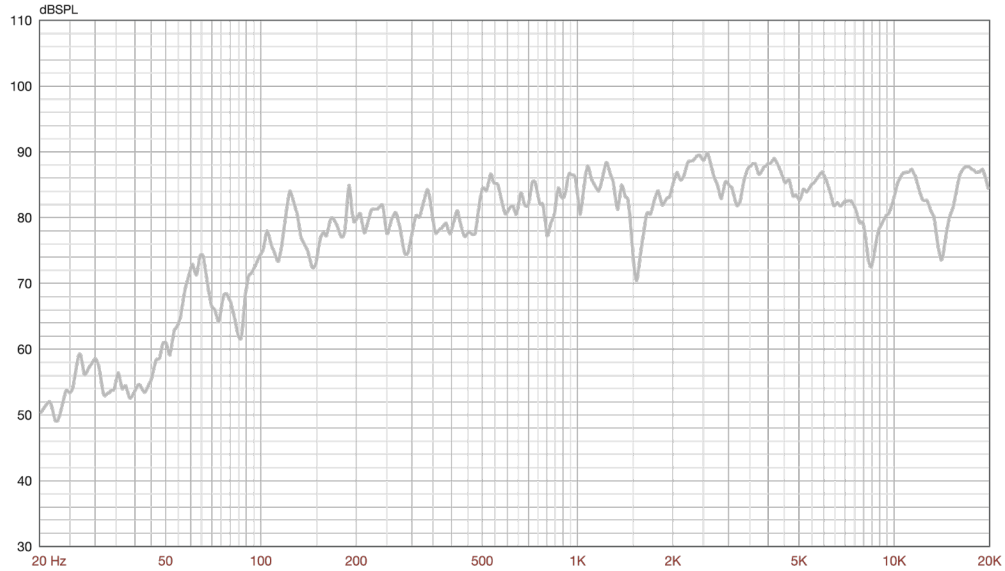
Vertical



Horizontal



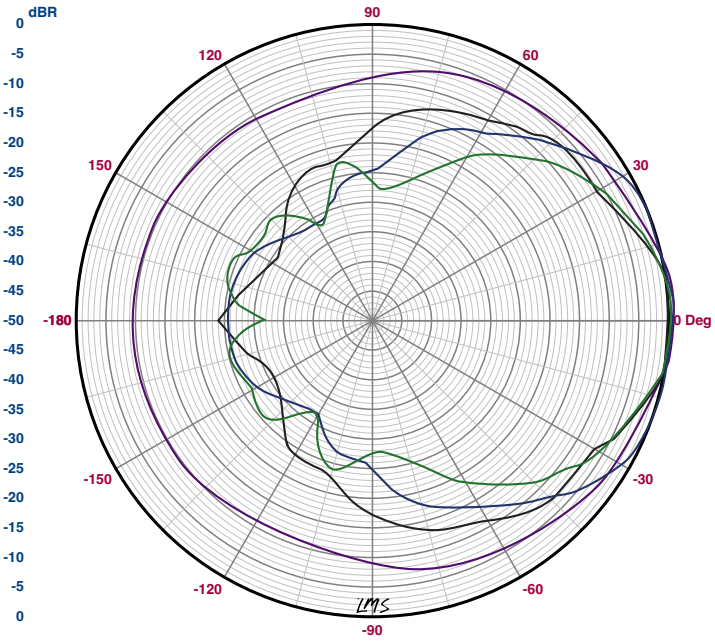
LRS5 Spl vs Freq



LRS8 POLAR AND FREQUENCY RESPONSES

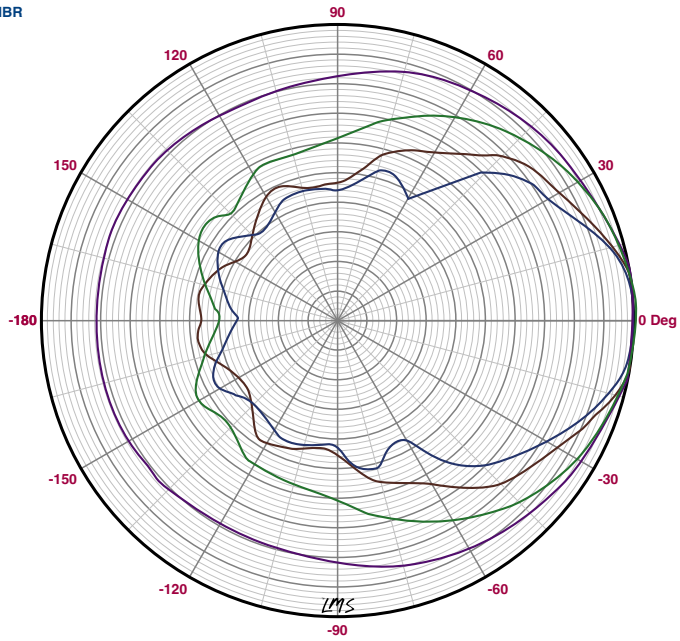
Ratio vs Angle

Vertical



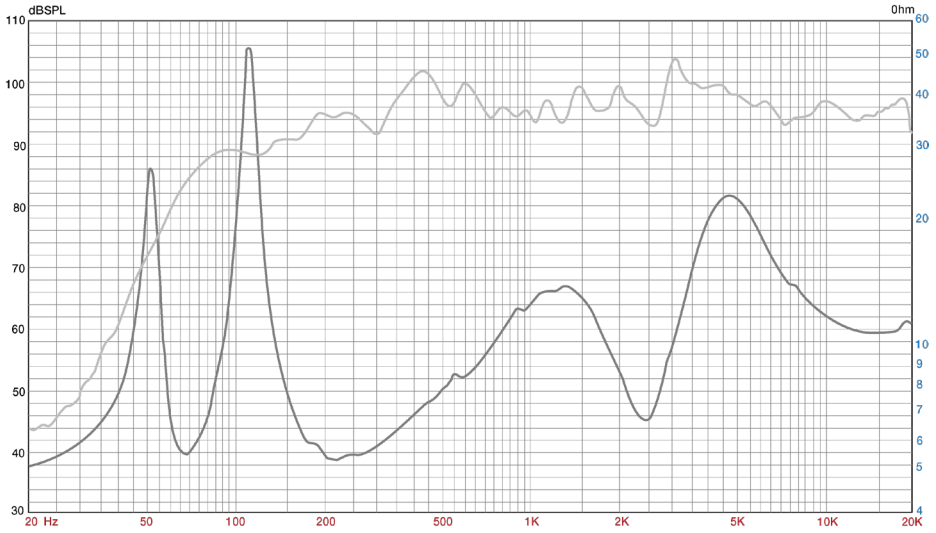
Curve	Freq	BW	Q	DI
	500.00	113	3.2	5.0
	1.00K1	55	6.8	8.2
	4.00K	51	7.1	8.5
	6.00K	75	4.7	6.7

Horizontal



Curve	Freq	BW	Q	DI
	500.00	127	2.8	4.5
	1.00K	84	4.3	6.3
	4.00K	47	7.6	8.8
	6.00K	40	9.0	9.5

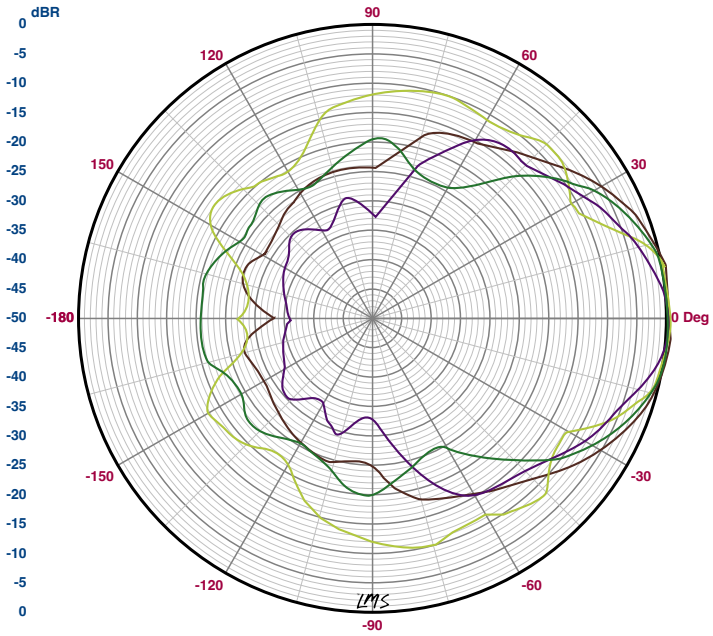
LRS8 Spl vs Freq



LRS12 POLAR AND FREQUENCY RESPONSES

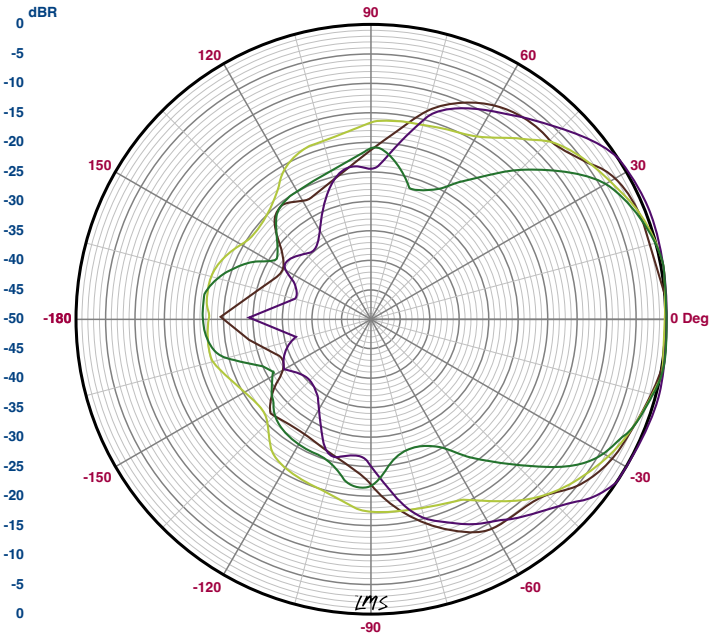
Ratio vs Angle

Vertical



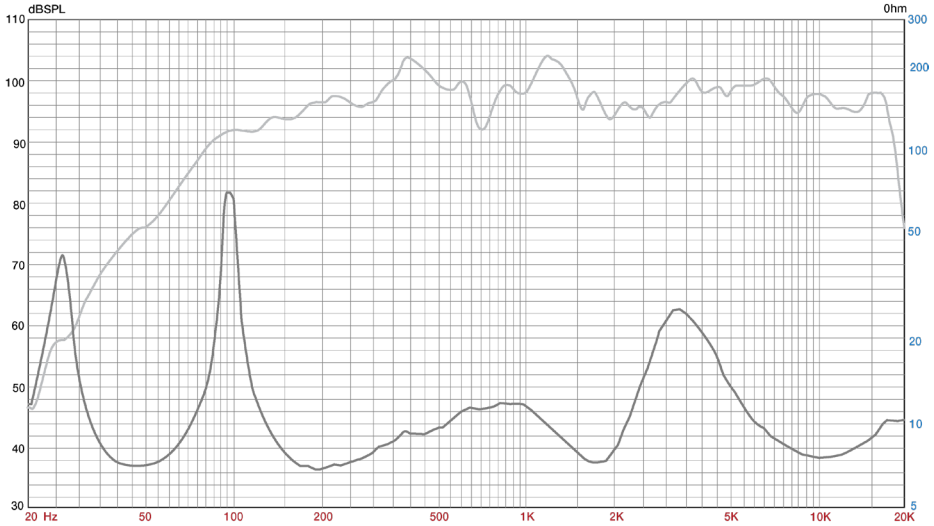
Curve	Freq	BW	Q	DI
	400.00	55	6.6	8.2
	2.00K	36	9.0	10.0
	4.00K	62	5.8	7.7
	8.00K	40	9.0	9.5

Horizontal



Curve	Freq	BW	Q	DI
	1.00K	62	5.8	7.7
	2.00K	63	5.2	7.2
	4.00K	62	4.9	6.9
	8.00K	91	4.0	6.0

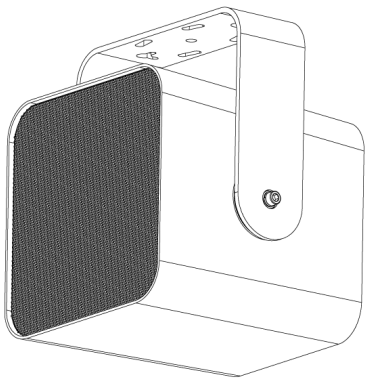
LRS12 Spl vs Freq

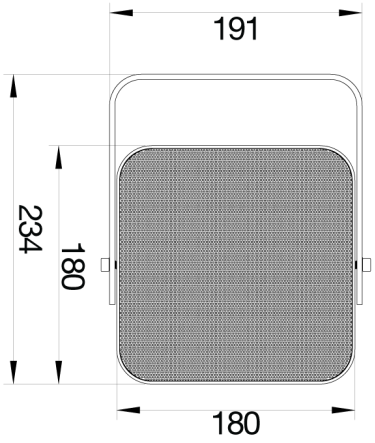


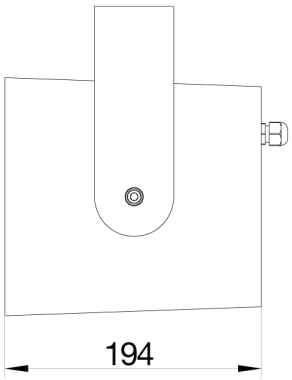
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LINE DRAWINGS

LRS5

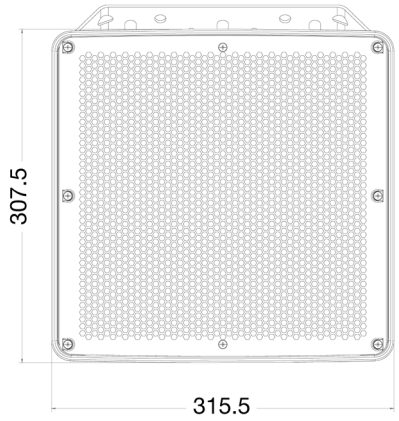


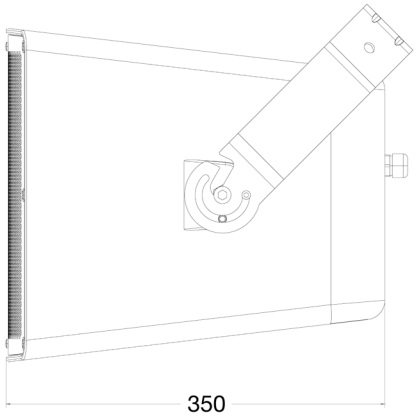




LRS8







LRS12

