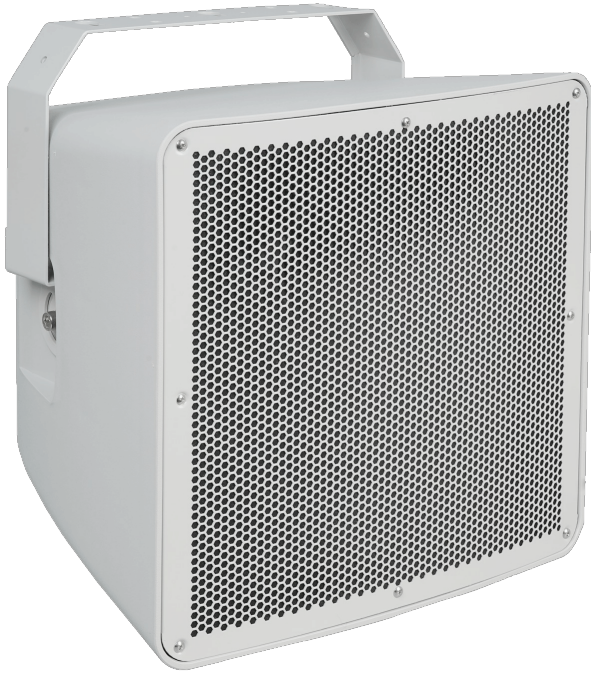




LRS HIGH-POWER PROJECTION SPEAKER

• LRS8 • LRS12 •



LRS12



LRS8



MOUNTING
ACCESSORIES

The Australian Monitor LRS range features high-power, all-weather projection speakers for outdoor paging and background audio. They are ideal for open-air locations, including transport hubs, sports facilities and outdoor precincts. The LRS8 and LRS12 use the same IP66-rated enclosure, Stainless steel mounting bracket and sealed connection panel. Both support 8Ω, 70V and 100V operation for installation flexibility.

The LRS12 steps up in power and reaches lower in frequency, for larger areas needing more output.

IP66
RATED

Outdoor Use

100V
70V
8Ω

Input

FEATURES

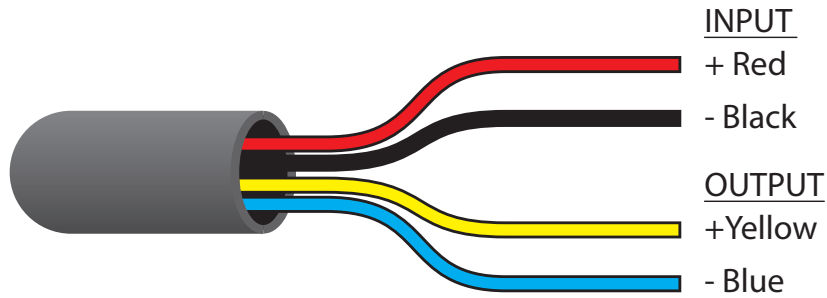
LRS Series Speaker

- Two-way design, 8" (LRS8) or 12" (LRS12) class
- 8Ω, 70V and 100V line switchable
- Multiple power tapings 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
- Stainless steel bracket and grill

SPECIFICATIONS

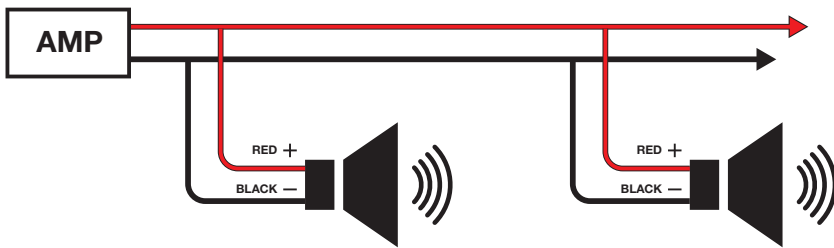
MODEL	LRS8	LRS12
POWER (CONTINUOUS, PROGRAM, PEAK)	150W, 300W, 600W	300W, 600W, 1200W
TAPPINGS	150W - 67Ω 75W - 133Ω, 38W - 267Ω, 8Ω	300W - 33Ω, 150W - 67Ω, 75W - 133Ω, 8Ω
ACOUSITC DATA		
FREQUENCY RESPONSE (-10dB)	70Hz - 20kHz	50Hz - 18kHz
SENSITIVITY (1W/1M) Half Space	96dB	99dB
MAXIMUM SPL 1W/1M (Continuous/Program/Peak)	118dB/121dB/124dB	124dB/127dB/130dB
DISPERSION	84° horz; 55° vert	90° horz; 80° vert
TRANSDUCER		
DRIVERS	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	3kHz passive	2kHz passive
PHYSICAL & ENVIRONMENTAL		
CONSTRUCTION	Housing - PP plus 30% fibreglass	
IP RATING	IP66	
FINISH & COLOUR	Powder-coated SUS306 stainless steel; White (RAL9016)	
INPUT CONNECTOR	4 way Screw Terminal Block Cable up to 12-22AWG	
OPERATING TEMPERATURE	-25 °C to +70 °C	
RELATIVE HUMIDITY	45% to 85 %	
PRODUCT & SHIPPING DIMENSIONS		
PRODUCT DIMENSIONS (W X D X H) Excl bracket	315.5 x 350 x 307.5mm	425 x 390 x 418mm
PRODUCT WEIGHT	11.5kg	19.6kg
SHIPPING DIMENSIONS (W X D X H)	392 x 385 x 410mm	543 x 517 x 445mm
SHIPPING WEIGHT	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 rention wire x 1		

WIRE DRAWING

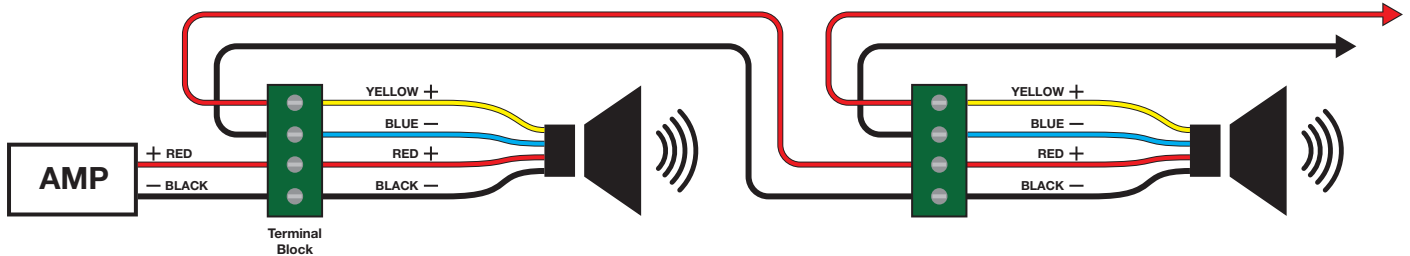


CONNECTION DIAGRAMS

Parallel Connection

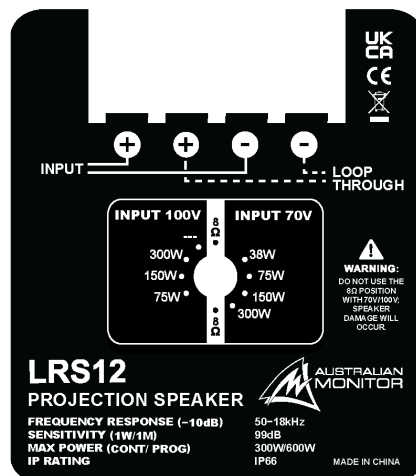
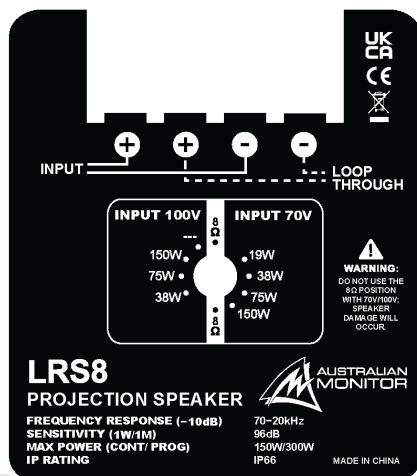


Loop-Through Connection



SELECTING OUTPUT POWER

Use the selector switch on the rear of the LHD35 or LHD60 to select the required power tapping. Each position corresponds to the power shown in the labels below.

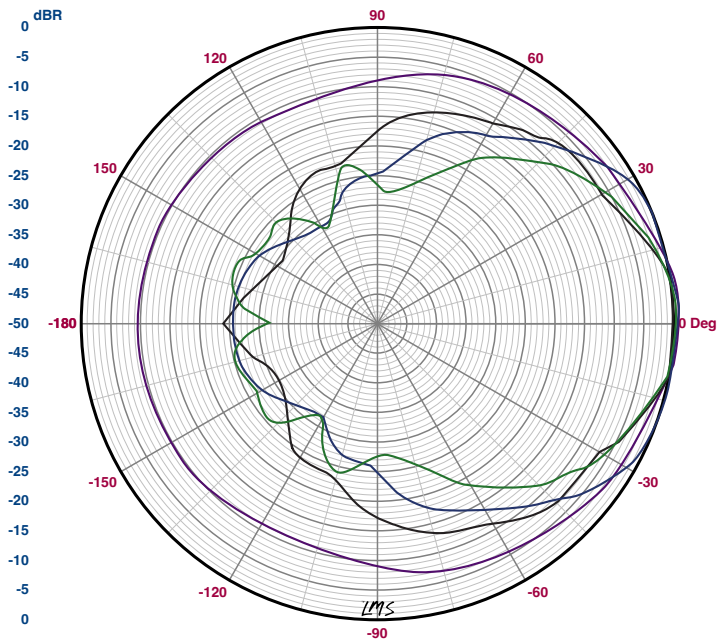




LRS8 POLAR AND FREQUENCY RESPONSES

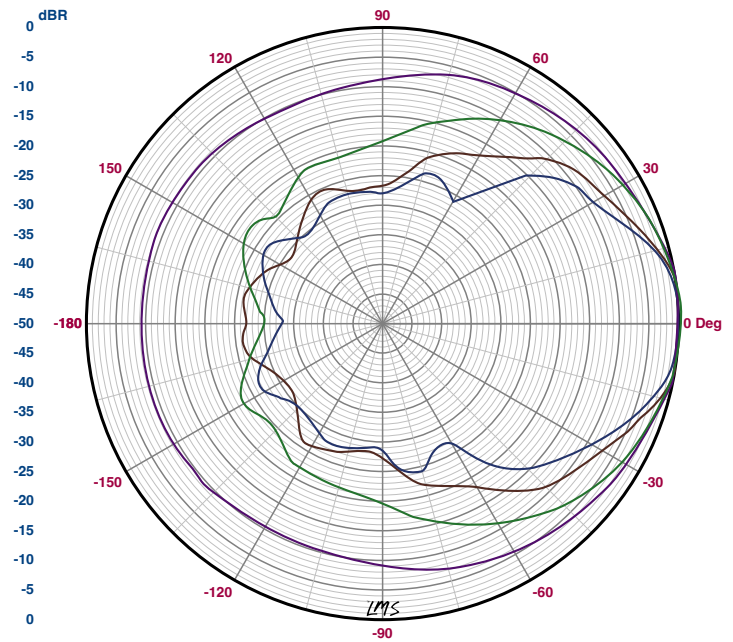
Ratio vs Angle

Vertical



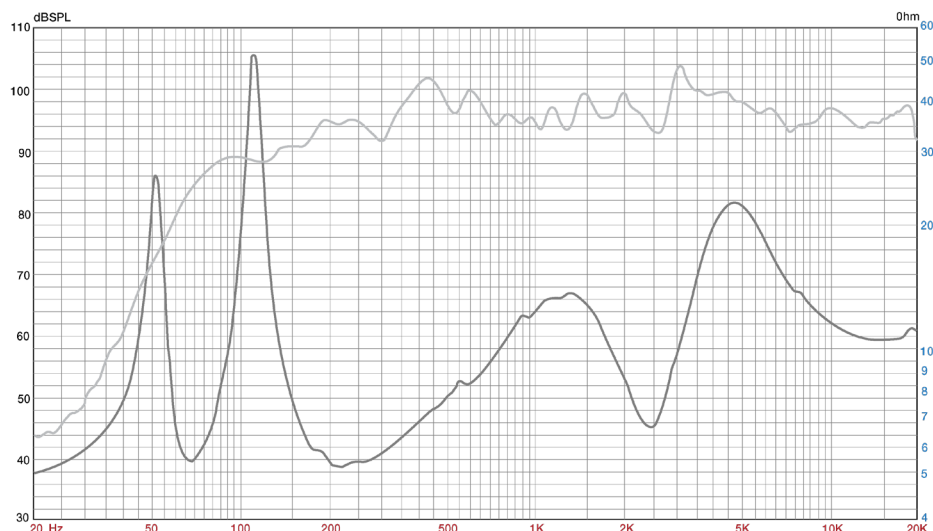
Curve	Freq	BW	Q	DI
—	500.00	113	3.2	5.0
—	1.00K1	55	6.8	8.2
—	4.00K	51	7.1	8.5
—	6.00K	75	4.7	6.7

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

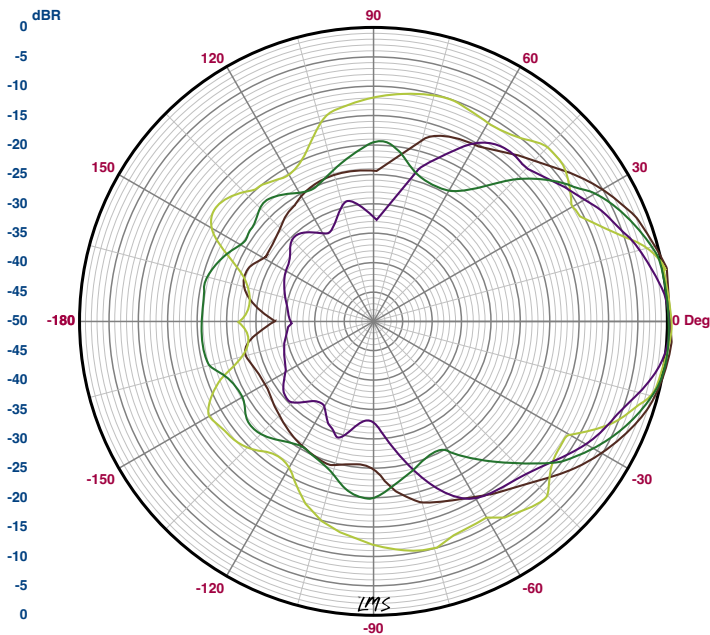




LRS12 POLAR AND FREQUENCY RESPONSES

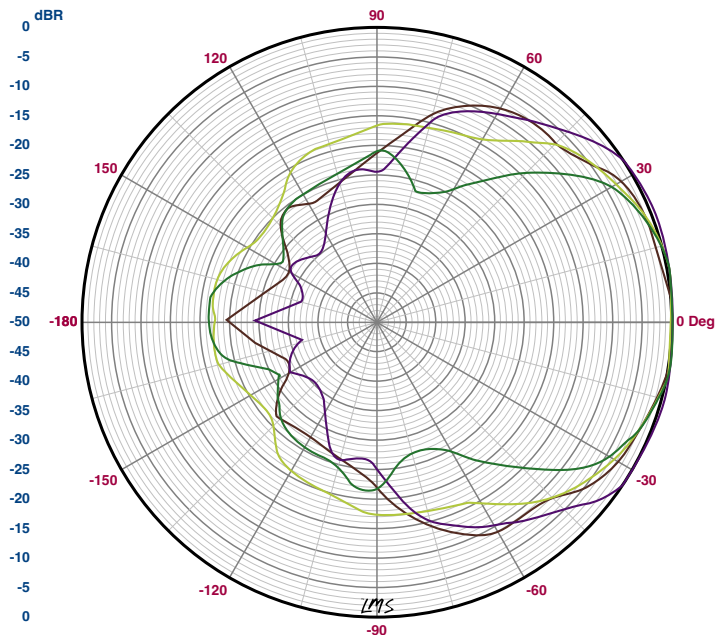
Ratio vs Angle

Vertical



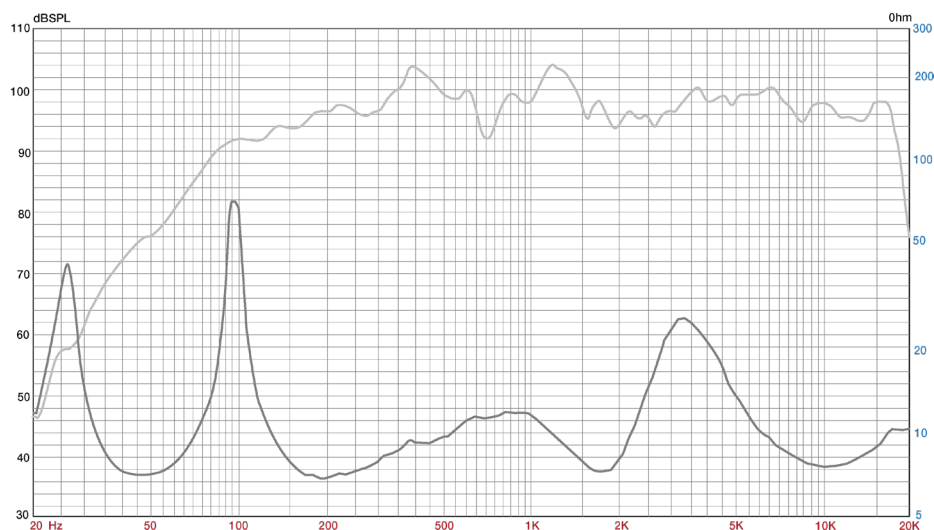
Curve	Freq	BW	Q	DI
—	400.00	55	6.6	8.2
—	2.00K	36	9.0	10.0
—	4.00K	62	5.8	7.7
—	8.00K	40	9.0	9.5

Horizontal

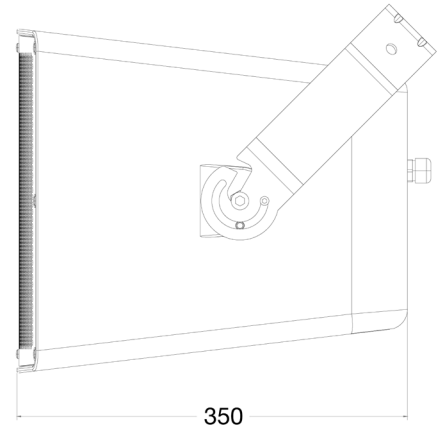
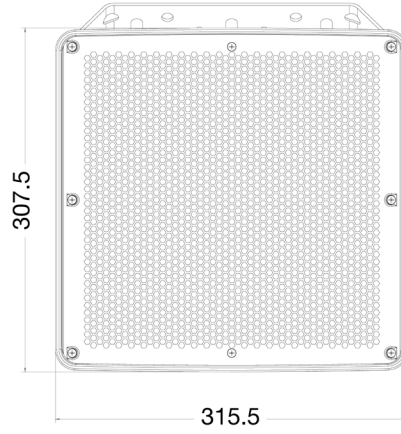


Curve	Freq	BW	Q	DI
—	1.00K	62	5.8	7.7
—	2.00K	63	5.2	7.2
—	4.00K	62	4.9	6.9
—	8.00K	91	4.0	6.0

LRS12 Spl vs Freq



LRS8



LRS12

