



CULTURE OF SOUND



HR SERIES CATALOGUE

LATEST EDITION



HR Series

PURE INSTALL SPEAKERS

The HR Series has been designed to offer the utmost sound quality for installations.

The range consists of 9 different two-way, full-range and 4 subwoofer options, all delivering high output whilst retaining exceptional clarity, efficiency and guaranteeing lower distortion whilst delivering superior reliability and sonic performance.

For greater flexibility, the 12" and 15" full range cabinets are available in 4 different options depending on the coverage pattern and power required for the installation and for sub-bass reinforcement two different dual 18" are also available. The HR-108, HR-206 and HR-208 have different options for coverage angle.

Some cabinets of this series also have the possibility to be manufactured in our Weather-resistant version, ideal for outdoor situations where the cabinets are exposed to the elements.

- ✔ Public address
- ✔ Sound reinforcement
- ✔ Multimedia spaces
- ✔ Club & bar installations
- ✔ Theatres
- ✔ Houses of worship

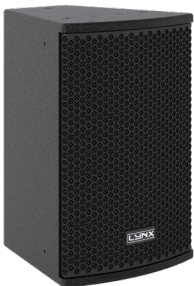
HR-6



Ultra compact, light and very versatile passive enclosure specially designed for all types of installation projects, both indoors and outdoors. It consists of a 6.5" transducer and a 1" high frequency Mylar tweeter. It offers 119 dB SPL (400 W program). It is an excellent solution for large installation projects or basic installations, with a wide range of accessories for easier installation. Weather-resistant version available.

Components	LF: 1 x 6.5", 2 voice coil HF: 1 x Tweeter 1 - 1.25" aluminium voice coil Mylar diaphragm
Max SPL	116 dB - 122 dB Peak
Frequency response	88 Hz - 18 KHz (± 3dB)
Coverage	90° H x 90° V
Crossover	Passive
Power	200 W (400 W program, 800 W peak)
Nominal impedance	16 Ω
Dimensions	300 x 236 x 220 mm (H x W x D)
Weight	7.5 Kg (17 lbs)

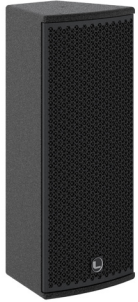
HR-108 (64/96/124)



Passive ultra compact, lightweight and very versatile enclosure especially designed for all types of installation projects. It consists of a 8" transducer and a 1" high frequency compression driver. It offers 125 dB SPL (400 W program). It is an excellent solution for all types of fixed installations and has a complete range of accessories to provide an easier installation. Weather-resistant version available. Different models available depending on the coverage angle: HR-108/64, HR-108/96 and HR-108/124.

Components	LF: 1 x 8" - 2" aluminium voice coil carbon fiber cone HF: 1" Exit compression Driver, 1.75" aluminium voice coil high temperature polymer
Max SPL	122 dB - 128 dB Peak
Frequency response	78 Hz - 20 KHz (± 3dB)
Coverage	60° H x 40° V / 90° H x 60° V / 120° H x 40° V rotatable horn
Crossover	Passive
Power	200 W (400 W program, 800 W peak)
Nominal impedance	8 Ω
Dimensions	420 x 279 x 298 mm (H x W x D)
Weight	10 Kg (22 lbs)

HR-204



The HR-204 enclosure is a high-performance passive full range, with an excellent power-size ratio. It consists of a dual 4" transducer with a 1" tweeter. It offers 121 dB SPL (400 W program).

Components	LF: 2 x 4" (1.3" voice coil) HF: 1 x 1" tweeter
Max SPL	118 dB - 124 dB Peak
Coverage	60° H x 60° V
Power	200 W AES, 400 W program, 800 W Peak
Nominal impedance	16 Ω
Dimensions	370 x 157 x 142 mm (H x W x D)
Weight	3.3 Kg (7.27 lbs)

HR-206 (64/96/124)



The HR-206 enclosure is a high-performance passive full range, with an excellent power-size ratio. It offers a selectable operation between bi-amp or passive mode and is ideal for a wide variety of applications and has several accessories that provide an easier installation. Different models available depending on the coverage angle: HR-206/64, HR-206/96 and HR-206/124.

Components	LF: 2 x 6.5" (2" voice coil) HF: 1" Exit compression Driver, 1.5" aluminium voice coil high temperature polymer
Max SPL	Passive Mode: 117 dB - 122 dB Peak Bi-Amp LF: 119 dB - 125 dB Peak Bi-Amp HF: 128.5 dB - 134.5 dB Peak
Coverage	60° H x 40° V / 90° H x 60° V / 120° H x 40° V rotatable horn
Crossover	Bi-Amp / Passive (Selectable)
Power	Passive mode: 400 W (800 W program, 1600 W Peak) Bi-Amp LF: 400 W (800 W program, 1600 W Peak) Bi-Amp HF: 70 W (140 W program, 280 W Peak)
Dimensions	249 x 568 x 252 mm (H x W x D)
Weight	15 Kg (33 lbs)

HR-208 (64/96/124)



The HR-208 enclosure is a high-performance passive full range, with an excellent power-size ratio. This enclosure offers a selectable operation between bi-amp or passive mode and is ideal for a wide variety of applications. Different models available depending on the coverage angle: HR-208/64,/96/124.

Components	LF: 2 x 8" (2" voice coil), carbon fiber cone HF: 1" Exit compression Driver, 1.75" aluminium voice coil
Max SPL	Passive Mode: 120 dB – 126 dB Peak Bi-Amp LF: 120 dB – 126 dB Peak Bi-Amp HF: 131.5 dB – 137.5 dB Peak
Coverage	60° H x 40° V / 90° H x 60° V / 120° H x 40° V rotatable horn
Crossover	Bi-Amp / Passive (Selectable)
Power	Passive mode: 400 W (800 W program, 1600 W Peak) Bi- Amp LF: 400 W (800 W program, 1600 W Peak) Bi-Amp HF: 70 W (140 W program, 280 W Peak)
Dimensions	666 x 279.5 x 298 mm (H x W x D)
Weight	17 Kg (37 lbs)

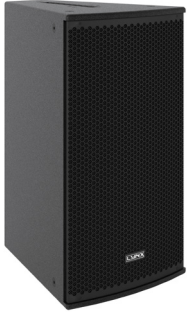
HR-1264/5 & 1296/5



High performance, ultra-compact, full range, two way bi-amp/passive cabinet. It consists of a 12" transducer and a 1.4" high frequency compression driver. They offer 2 dispersion options. The model HR-1264/7 provides a narrow dispersion of 60° x 40° (rotatable) and the model HR-1296/5 offers a wide dispersion of 90° x 60° (rotatable).

Components	LF: 12", 2.5" voice coil, Malt Cross Cooling System HF: 1.4" Exit compression Driver, 1.75" aluminium voice coil
Max SPL	Passive Mode: 121 dB – 127dB Peak Bi-Amp LF: 124 dB – 130 dB Peak Bi-Amp HF: 126 dB – 132 dB Peak
Coverage	90° x 60° (HR-1296/5) / 60° x 40° (HR-1264/5)
Crossover	Bi-amp / Passive (Selectable)
Power	Passive mode: 500 W (1000 W program, 2000 W Peak) Bi- Amp LF: 500 W (1000 W program, 2000 W Peak) Bi-Amp HF: 60 W (120 W program, 240 W Peak)
Dimensions	705 x 377 x 495 mm (H x W x D)
Weight	25 Kg (55 lbs)

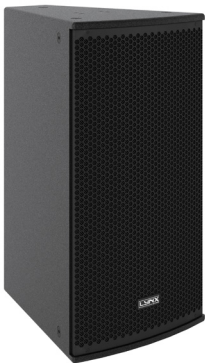
HR-1264/7 & 1296/7



High performance, ultra-compact, full range, two way bi-amp/passive cabinet. It consists of a 12" transducer and a 1.4" high frequency compression driver. They offer 2 dispersion options. The HR-1264/7 provides a narrow dispersion of 60° x 40° (rotatable) and the HR-1296/7 offers a wide dispersion of 90° x 60° (rotatable).

Components	LF: 12" (3.5" voice coil), neodymium magnet HF: 1.4" Exit compression Driver, (2.5" voice coil)
Max SPL	Passive Mode: 123 dB – 129 dB Peak Bi-Amp LF: 125 dB – 131 dB Peak Bi-Amp HF: 127 dB – 133 dB Peak
Coverage	90° x 60° (HR-1296/7) / 60° x 40° (HR-1264/7)
Crossover	Bi-Amp / Passive (Selectable)
Power	Passive mode: 700 W (1400 W program, 2800 W Peak) Bi- Amp LF: 700 W (1400 W program, 2800 W Peak) Bi-Amp HF: 80 W (160 W program, 320 W Peak)
Dimensions	705 x 377 x 495 mm (H x W x D)
Weight	26 Kg (57 lbs)

HR-1564/5 & 1596/5



High performance, ultra-compact, full range, two way bi-amp/passive cabinet. It consists of a 15" transducer and a 1" high frequency compression driver. They offer 2 dispersion options. The model HR-1564/5 provides a narrow dispersion of 60° x 40° (rotatable) and the model HR-1596/5 offers a wide dispersion of 90° x 60° (rotatable).

Components	LF: 15", 2.5" voice coil, Malt Cross Cooling System HF: 1.4" Exit compression Driver, 1.75" aluminium voice coil
Max SPL	Passive Mode: 123 dB – 129 dB Peak Bi-Amp LF: 125 dB – 131 dB Peak Bi-Amp HF: 126 dB – 132 dB Peak
Coverage	Constant directivity horn (Rotatable) 90° x 60° (HR-1596/5) / 60° x 40° (HR-1564/5)
Crossover	Bi-amp / Passive (Selectable)
Power	Passive mode: 500 W (1000 W program, 2000 W Peak) Bi- Amp LF: 500 W (1000 W program, 2000 W Peak) Bi-Amp HF: 60 W (120 W program, 240 W Peak)
Dimensions	790 x 444.5 x 541 mm (H x W x D)
Weight	30 Kg (66 lbs)

HR-1564/7 & 1596/7



High performance, ultra-compact, full range, two way bi-amp/passive cabinet. It consists of a 15" transducer and a 1.4" high frequency compression driver. They offer 2 dispersion options. The HR-1564/7 provides a narrow dispersion of 60° x 40° and the HR-1596/7 offers a wide dispersion of 90° x 60° both rotatable.

Components	LF: 15" (3,5" aluminium voice coil), neodymium magnet HF: 1.4" Exit compression Driver
Max SPL	Passive Mode: 123 dB – 129 dB Peak Bi-Amp LF: 126 dB – 132 dB Peak Bi-Amp HF: 127 dB – 133 dB Peak
Coverage	90° x 60° (HR-1596/7) / 60° x 40° (HR-1564/7)
Crossover	Bi-Amp / Passive (Selectable)
Power	Passive mode: 700 W (1400 W program, 2800 W Peak) Bi-Amp LF: 700 W (1400 W program, 2800 W Peak) Bi-Amp HF: 80 W (160 W program, 320 W Peak)
Dimensions	790 x 444,5 x 541 mm (H x W x D)
Weight	32 Kg (70.5 lbs)

HR-218/36



The HR218/36 is a high performance passive subwoofer with dual 18" low frequency transducers in bass reflex, direct radiation configuration. Designed to work in conjunction with the full range of the HR series, offering a powerful high power boost between 34 and 200 Hz. This enclosure offers an extraordinary power-volume-weight ratio, being a highly versatile sub-system in all types of installation projects.

Components	2 x 18", 4" tetracoil dual voice coil
Max SPL	139 dB – 145 dB Peak
Coverage	Omnidirectional
Crossover	Active
Power	3600 W (7200 W program, 14400 W Peak)
Nominal impedance	4 Ω
Dimensions	585 x 1080 x 781 mm (H x W x D)
Weight	82 Kg (180 lbs)

HR-218/20



The HR218/20 is a high performance passive subwoofer designed to work in conjunction with the full range of the HR series, offering a powerful reinforcement for low frequencies. Medium power, subwoofer cabinet with dual 18" low frequency transducers in bass reflex, direct radiation configuration. This enclosure offers an extraordinary power-volume-weight ratio, being a highly versatile sub-system in all types of installation projects.

Components	2 x 18", 3" copper voice coil
Max SPL	136 dB – 142 dB Peak
Coverage	Omnidirectional
Crossover	Active
Power	2000 W (4000 W program, 8000 W Peak)
Nominal impedance	4 Ω
Dimensions	585 x 1080 x 624 mm (H x W x D)
Weight	68 Kg (150 lbs)

HR-215S



The HR-215S is a high-performance compact subwoofer designed to work with the HR range full range cabinets, offering impressive low-frequency reinforcement with an excellent power-volume-to-weight ratio.

High power, ultra compact, sub-bass cabinet with two 15" low frequency transducers with rubber suspension in triple band-pass configuration.

Components	LF: 2 x 15" transducers
Max SPL	133 dB – 139 dB Peak
Coverage	QUASI Omnidirectional
Crossover	Active
Power	2000 W (4000 W program, 8000 W Peak)
Nominal impedance	4 Ω
Dimensions	644 x 463 x 600 mm (H x W x D)
Weight	59 Kg (130 lbs)

HR-18/10










































The HR-18/10 is a compact subwoofer with a great power-volume-weight ratio. This cabinet is designed to work together with the full range units of the HR series, offering significant reinforcement for the low frequencies.

Medium power, subwoofer cabinet with one 18" low frequency in bass reflex, direct radiation configuration.

Components	1 x 18", 3" copper voice coil
Max SPL	129 dB – 135 dB Peak
Coverage	Omnidirectional
Crossover	Active
Power	1000 W (2000 W program, 4000 W Peak)
Nominal impedance	8 Ω
Dimensions	511 x 505 x 681 mm (H x W x D)
Weight	32 Kg (70.5 lbs)

ACCESSORIES HR SERIES

HR-6	AGR-6 Eye bolt	WB-10/2 Wall bracket	UBR-HR6 U bracket	HR-108	AGR-6 Eye bolt	WB-20/2 Wall bracket	UBR-HR8 U bracket			
										
HR-204	AGR-6 Eye bolt	WB-10/2 Wall bracket	UBR-HR204 U bracket	HR-206	AGR-10 Eye bolt	WB-20/2 Wall bracket	UBR-HR204 U bracket			
										
HR-208	AGR-10 Eye bolt	WB-20/2 Wall bracket	UBR-HR204 U bracket	HR-1564/7 1596/7	CS-HR1215 Cluster support	UBR-HR15 U bracket	WB-30 Wall bracket			
										
HR-1264/7 1296/7	AGR-10 Eye bolt	SC-FC1 Lightweight install	SC-FC2 Heavyweight install	CS-HR1215 Cluster support	HR-1564/5 1596/5	AGR-10 Eye bolt	UBR-HR15 U bracket	WB-30 Wall bracket	CS-HR1215 Cluster support	
										
HR-1264/5 1296/5	AGR-10 Eye bolt	UBR-HR12 U bracket	WB-30 Wall bracket	CS-HR1215 Cluster support	HR-1264/5 1296/5	AGR-10 Eye bolt	UBR-HR12 U bracket	WB-30 Wall bracket	CS-HR1215 Cluster support	
										
HR-215S	TU-C01 35 mm connecting pole	TU-C02 M2 connecting pole	VSM-V1 35mm speaker mounting	VSM-V2 M20 connector plate						
										



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