HR Series

USER MANUAL

HR-6
HR-8
HR-1564/7 & HR-1596/7
HR-1264/7 & HR-1296/7
HR-1564/5 & HR-1596/5
HR-1264/5 & HR-1296/5
HR-28
HR-26
HR-218/36
HR-218/20
HR-215S
HR-18/10



Lynx Pro Audio S.L.
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V.23.09

INTRODUCTION

To facilitate the correct and reliable use of the HR cabinets we have designed this instruction manual, please read it before proceeding to install the cabinet.

Please observe the technical data carefully and do not ignore the instructions included within this manual.

Manufacturer

LYNX Pro Audio S.L.
Calle 1 - Pol. Ind. Picassent
E-46220 Picassent (Valencia)

CE CERTIFICACTION, EUROPEAN PRODUCT

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CONTENTS

Recommendations 10

Keep these instructions in the place where the equipment will be used and with easy access to them.



Heavy equipment



Hearing damage risk

you are going to be near them for extended amounts of time and do not get too close.



Hanging / Flying



Delicate Material



Overheating / Fire risk



Electromagnetic and interferente emissions

tops, magnetic strip cards etc.

IMPORTANT NOTE

humidity and or temperature values.



CABINET CONNECTIONS

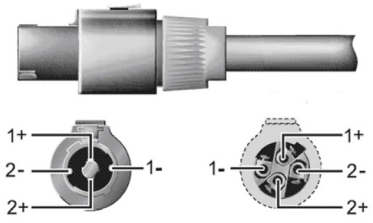
Normative

The HR cabinets meet the following standards:

Connectors

The HR cabinets have a connection panel at the rear of the cabinet. This consists

the signal.



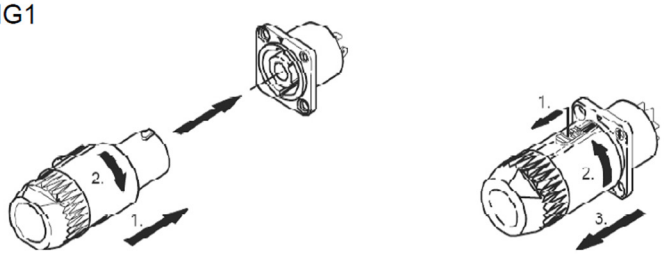
The following table indicates which pins are used for all the models, with passive

PASSIVE	Connector	Speakon connections	per box	Impedance	Rated power	Program power
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				
		±1				

BI-AMP	Connector	Speakon connections	per box	Impedance	Rated power	Program power

Connectors

FIG1



Recommendations

Maximum recommended cable length for low impedance systems						
Wire section	AWG number	Cable resistance in 100 meters	Maximum recommended lenght (in meters)			
			2 Ω	4 Ω	8 Ω	16 Ω
13.3 mm²						
	10		10			100
3.31 mm²					30	
1.31 mm²						
			1			10
0.33 mm²			1	1	3	

are not recommended due to the excessive power from the amp output.

calculated by dividing the impedance of 1 cabinet by the number connected.

Coverage change with the rotatable horn

Many HR cabinets enable the horn to be rotated offering further coverage options. The rotatable horn feature enables the installer to also set the cabinet up horizontally whilst maintaining the horn features such as horizontal and vertical coverage. This is helpful in installs with low ceilings or where esthetically the

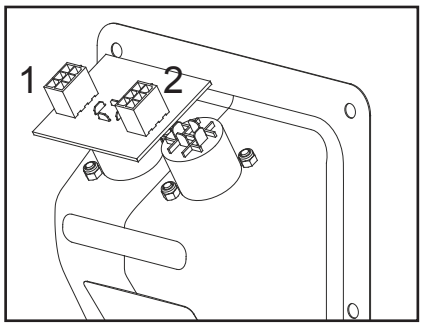
The following HR cabinets have rotatable horns:



in. Just be sure to maintain the connection and put the

Mode passive or bi-amp:

is very simple, you only have to unscrew the connector pannel located at the rear of the cabinet and change



CABINET INSTALATION

Mounting advices:

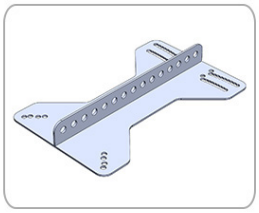
and free of excess weight, vibration, etc.

Installation accessories:

The HR cabinets are designed to be used in installations and the full range cabinets come with rigging points using some simple accessories:

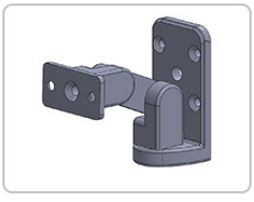


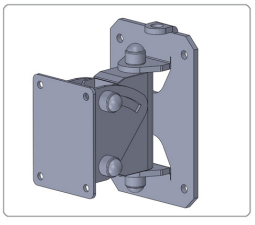




cabinets.







RAINBOW 3D Acoustic Prediction Software

Designed from scratch by professionals

that achieve an effective simulation with really low calculation time.

Multiple listening zones

Unlimited sound sources

Beam steering

point to different zones.

Accurate optimization thanks to FIR filters

Multiple measures and tools

HR-6 DATASHEET

HR-6

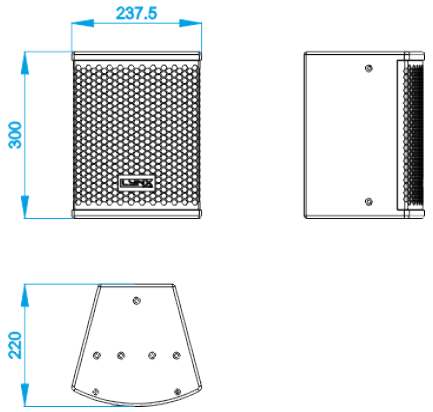
strongly recommend that the cabinet presets are applied for maximum optimization and performance.

Technical Data:

Key features

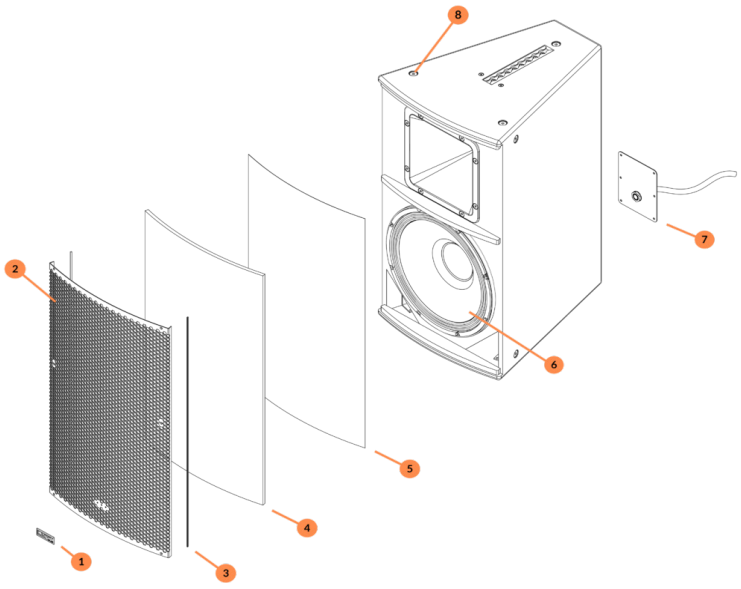
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-8 DATASHEET

HR-8

Passive ultra compact, lightweight and very versatile enclosure especially designed for all types of installation

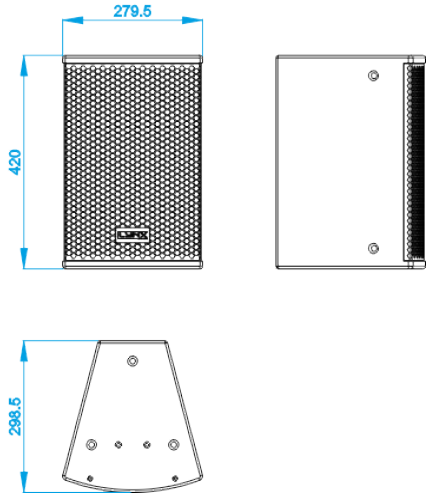
the cabinet presets are applied for maximum optimization and performance.

Technical Data:

Key features

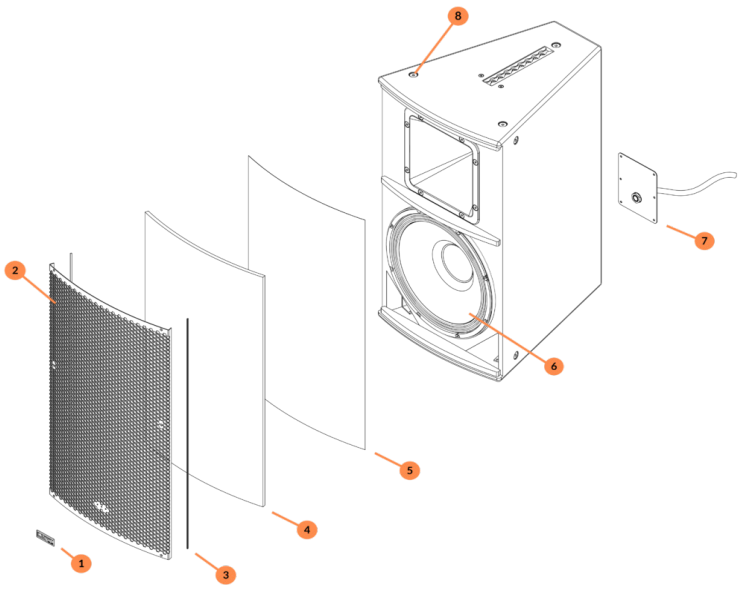
Perfectly suited for

Dimensions:



Weather-resistant version:

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aluminum with protective layer and micro textured paint.

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particles.

extra tight connection and easy installation.

HR-1564/7 & HR-1596/7 DATASHEET

HR-1564/7 & HR-1596/7

This cabinet is ideal for a wide variety of applications and has a range of accessories that provide an easier

presets are applied for maximum optimization and performance.

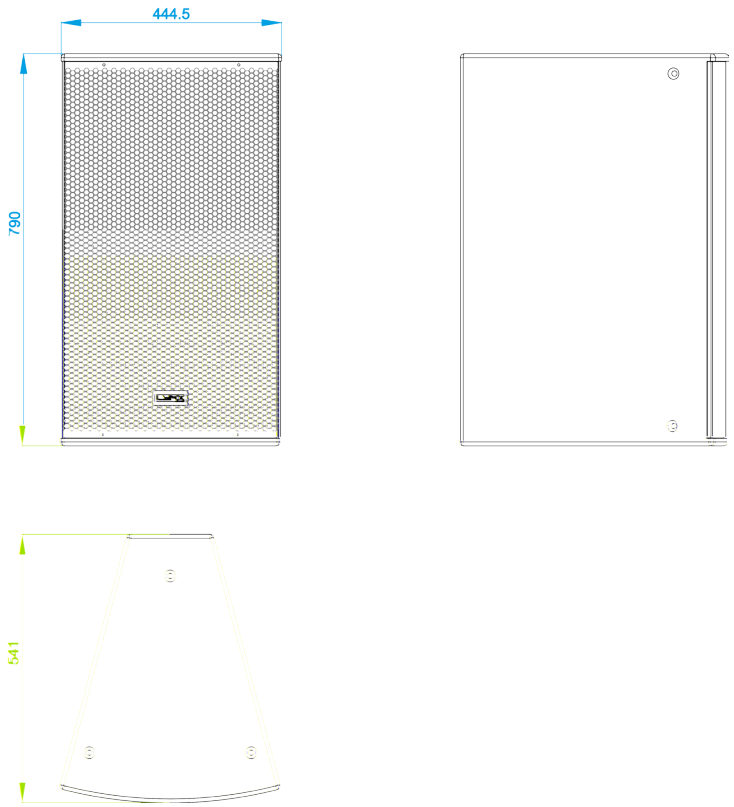
Technical Data:

neodymium magnet

Key features

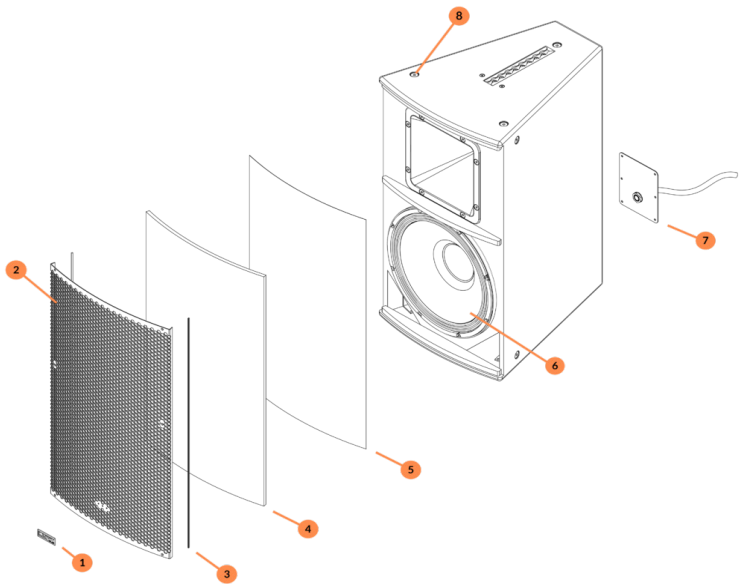
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

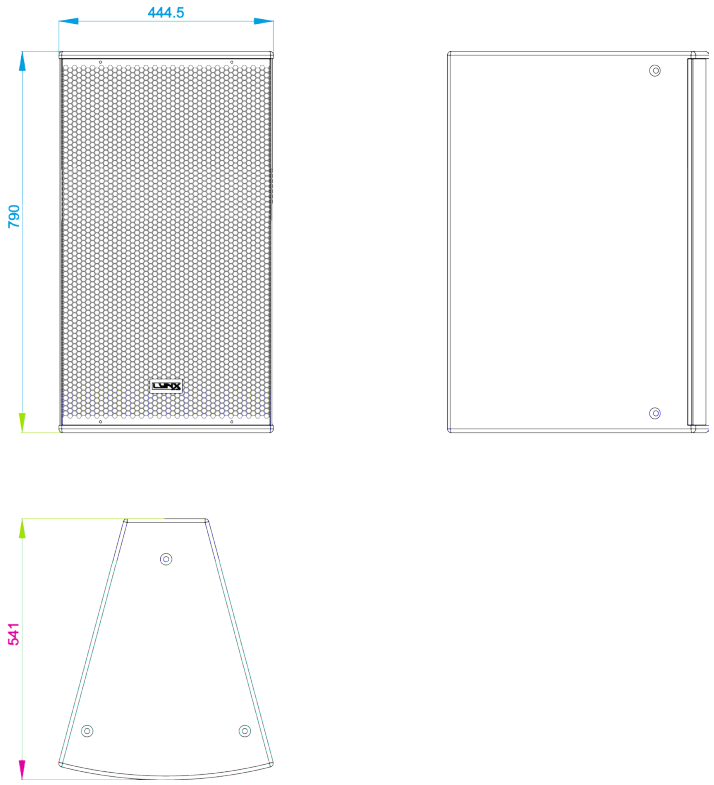
extra tight connection and easy installation.

HR-1564/5 & HR-1596/5

Technical Data:

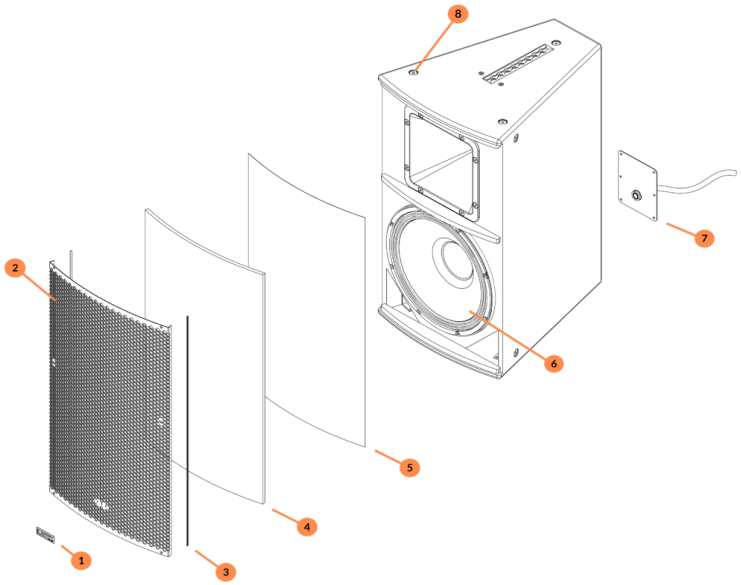
Key features

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-1264/7 & HR-1296/7 DATASHEET

HR-1264/7 & HR-1296/7

This cabinet is ideal for a wide variety of applications and has a range of accessories that facilitate its presets are applied for maximum optimization and performance.

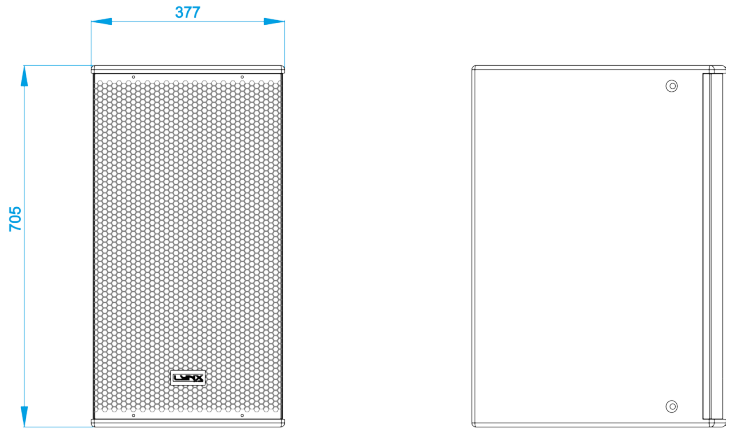
Technical Data:

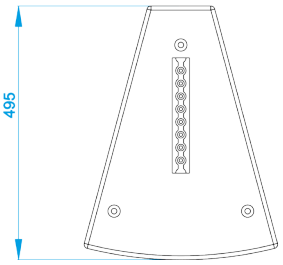
neodymium magnet

Key features

Perfectly suited for

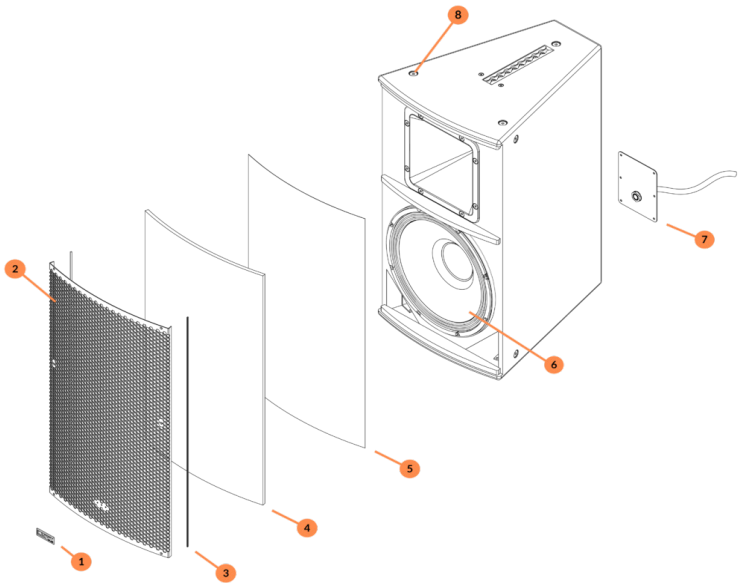
Dimensions:





Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-1264/5 & HR-1296/5 DATASHEET

HR-1264/5 & HR-1296/5

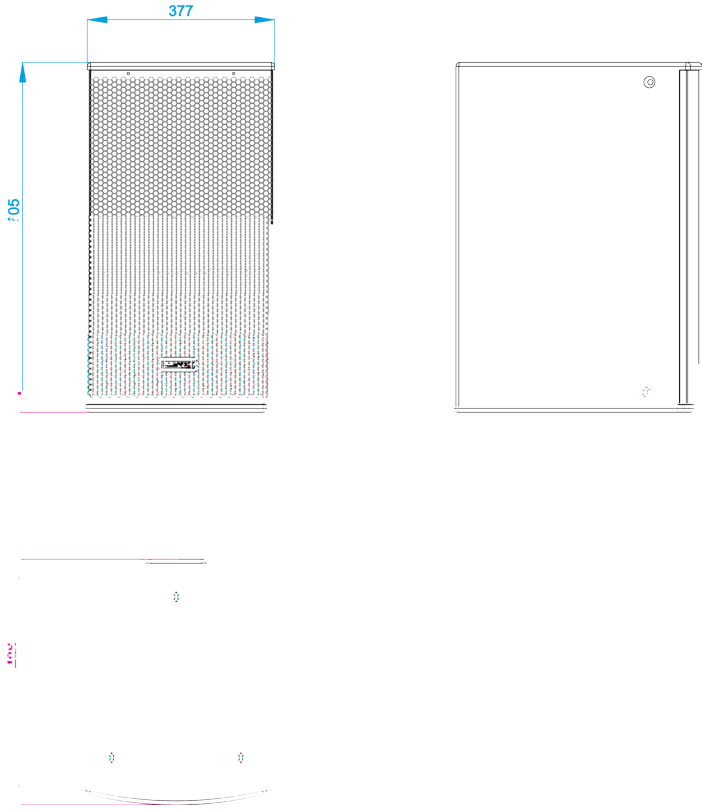
This enclosure is ideal for a wide variety of applications and has a range of accessories that provide an cabinet presets are applied for maximum optimization and performance.

Technical Data:

Key features

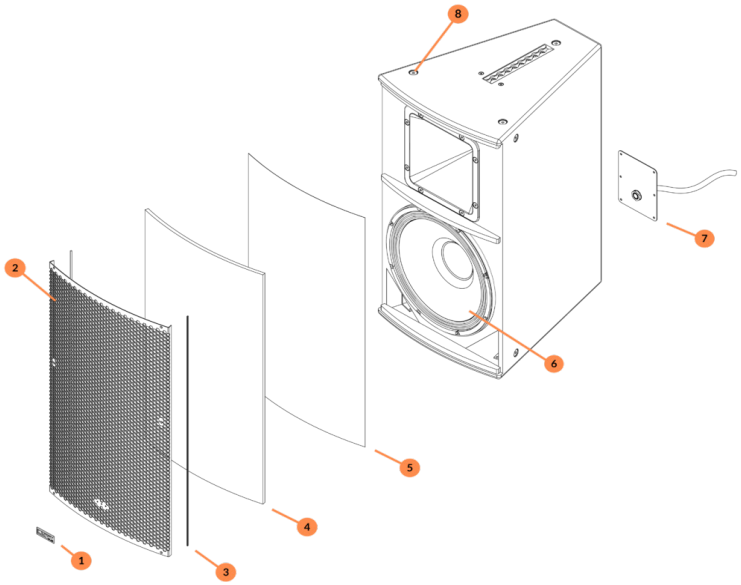
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-26 DATASHEET

HR-26

This enclosure offers a selectable operation between bi-amp or passive mode and is ideal for a wide variety

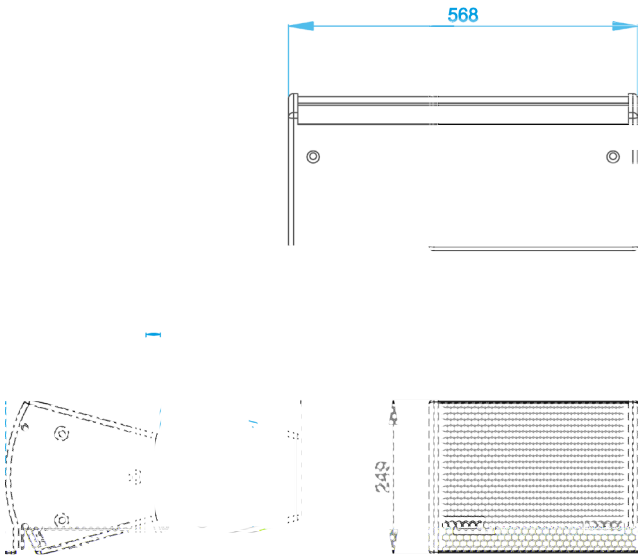
be used without a processor, we strongly recommend that the cabinet presets are applied for maximum optimization and performance.

Technical Data:

Key features

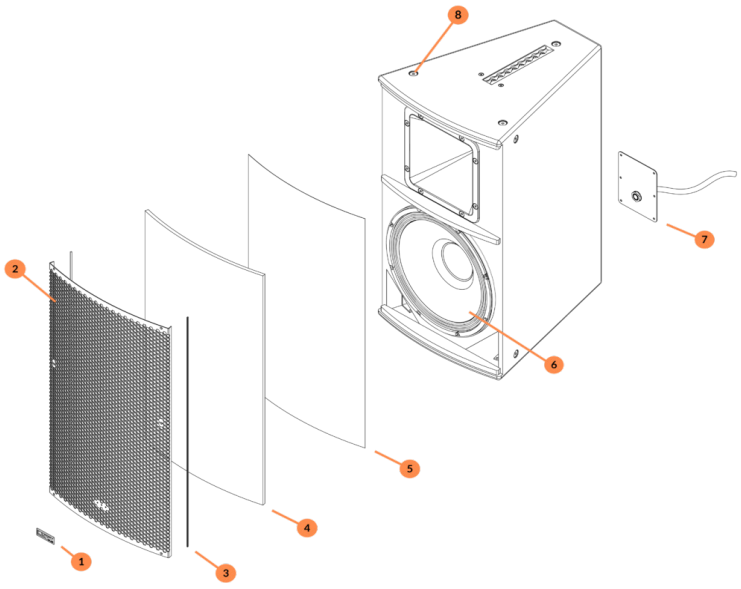
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-28 DATASHEET

HR-28

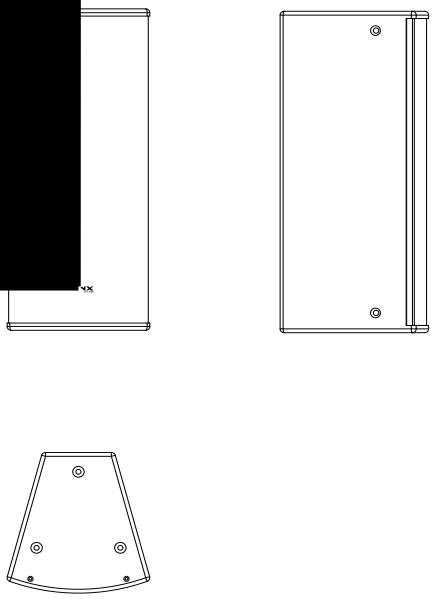
This enclosure offers a selectable operation between bi-amp or passive mode and is ideal for a wide variety

be used without a processor, we strongly recommend that the cabinet presets are applied for maximum optimization and performance.

Technical Data:

Key features

Perfectly suited for



HR-218/36 DATASHEET

HR-218/36

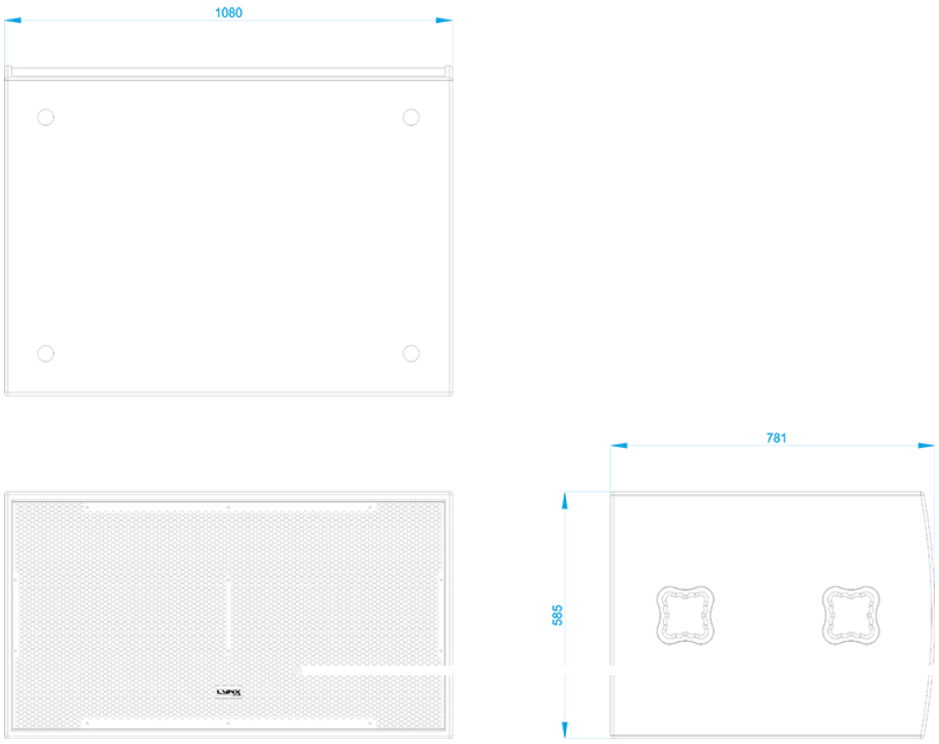
This enclosure offers an extraordinary power-volume-weight ratio, being a highly versatile sub-system in all types of installation projects.

Technical Data:

Key features

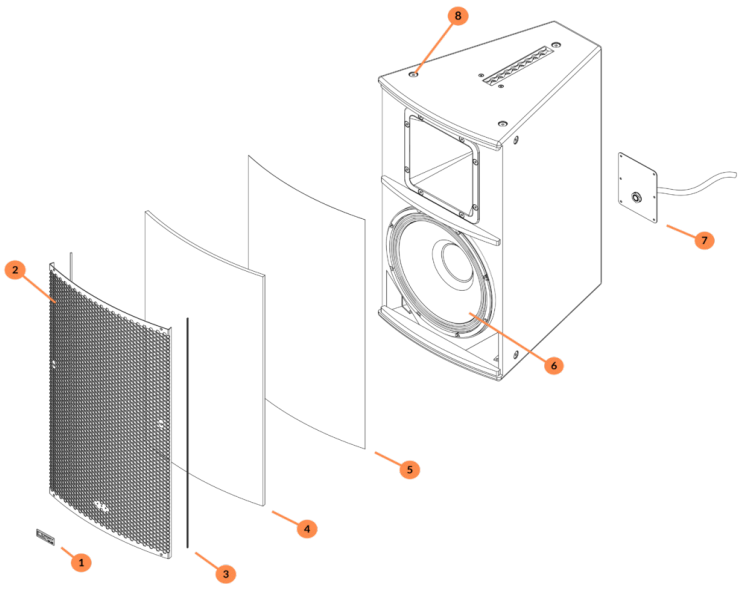
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-218/20 DATASHEET

HR-218/20

range of the HR series, offering a powerful reinforcement for low frequencies.

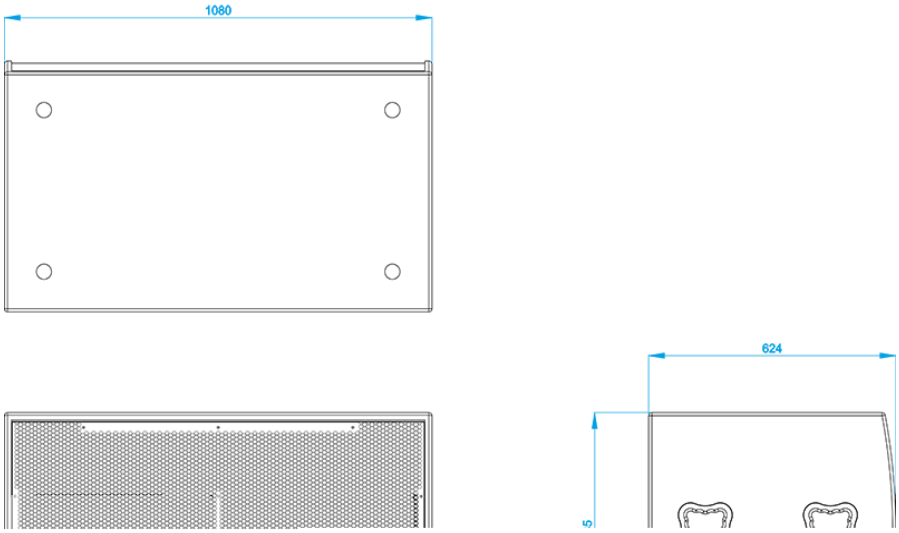
This enclosure offers an excellent power-volume-weight ratio, being a very versatile subwoofer in all types of installation projects.

Technical Data:

Key features

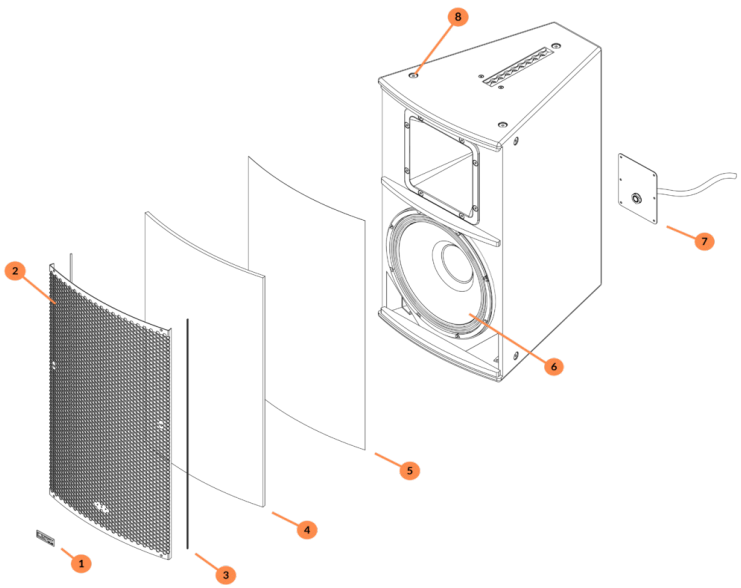
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-215S DATASHEET

HR-215S

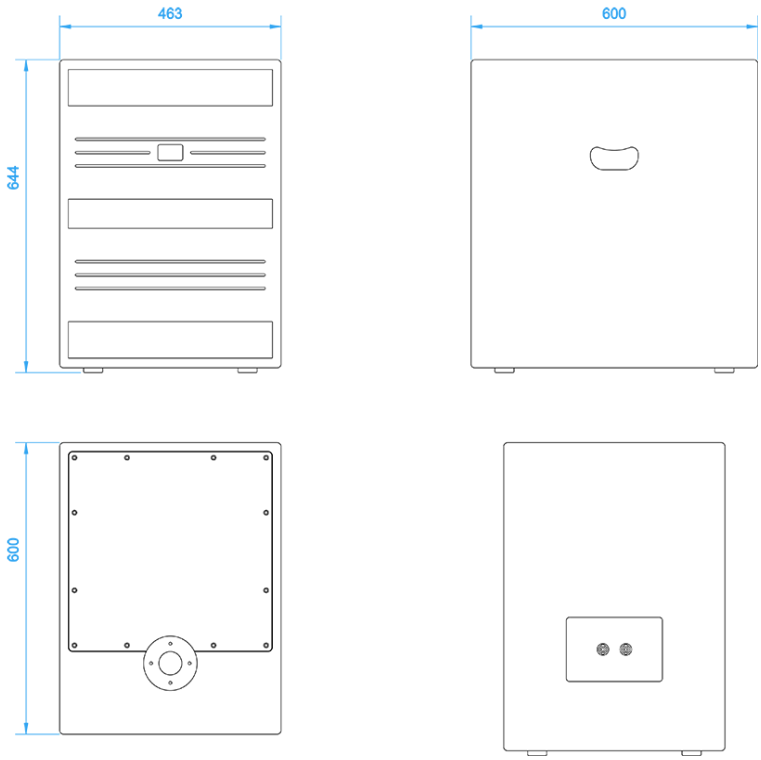
cabinets, offering impressive low-frequency reinforcement with an excellent power-volume-toweight ratio.

Technical Data:

Key features

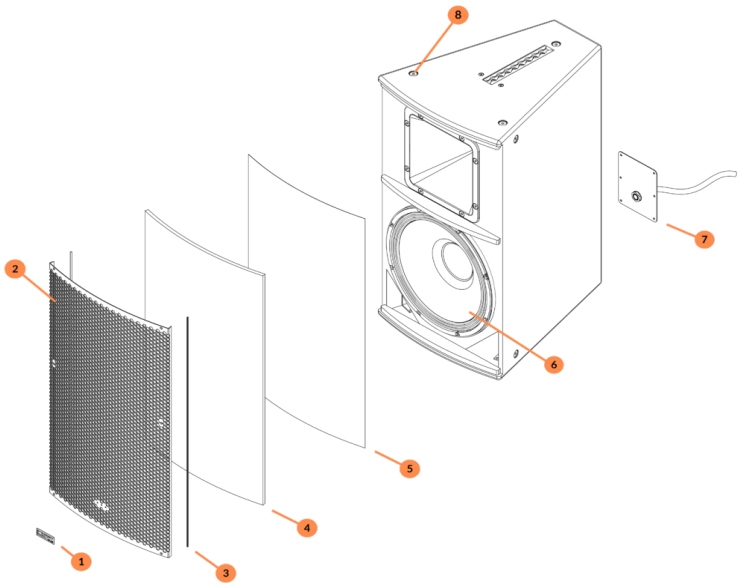
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

HR-18/10 DATASHEET

HR-18/10

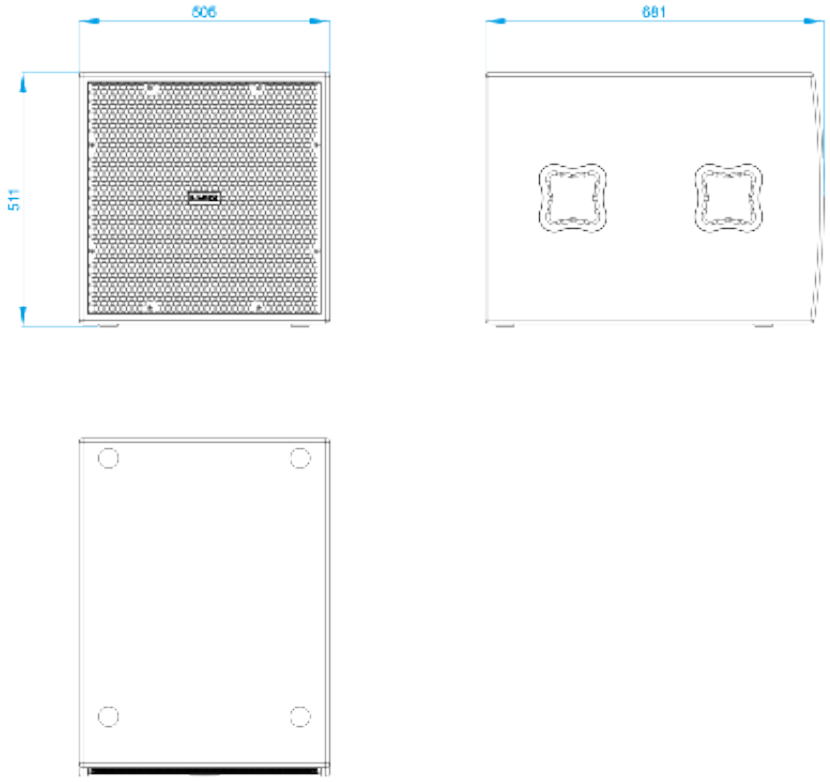
frequencies.

Technical Data:

Key features

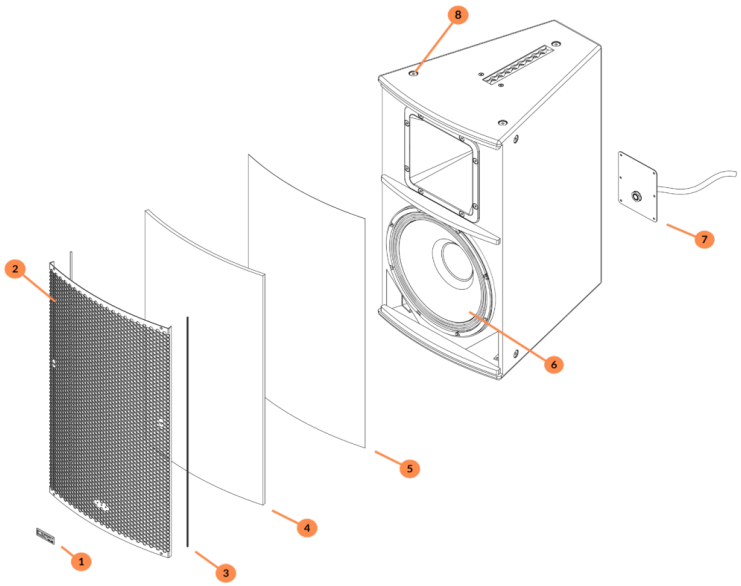
Perfectly suited for

Dimensions:



Weather-resistant version:

are exposed to the elements.



aluminum with protective layer and micro textured paint.

to prevent the penetration of water and external elements produced by extreme weather conditions.

particles.

extra tight connection and easy installation.

CE

DECLARATION OF CONFORMITY

Lynx Pro Audio S.L.
Calle 1 - Pol. Ind. Picassent
46220 Picassent (Valencia)
SPAIN - EU
Tel.: (+34) 961 10 96 01
www.lynxproaudio.com

with respect to the restrictions of hazardous substances.

HR models:	HR-6	HR-8	HR-26	HR-28	HR-1264/5
	HR-1296/5	HR-1264/7	HR-1296/7	HR-1564/5	HR-1596/5
	HR-1564/7	HR-1596/7	HR-215S	HR-18/10	HR-218/20
	HR-218/36				

LYNX PRO AUDIO GUARANTEE

improper handling y a non-authorized person during the life of this guarantee.

and their quality against any fabrication defect.

WEEE Declaration:
of its operational lifetime. Please dispose of this product according to the respective national regulations or contractual