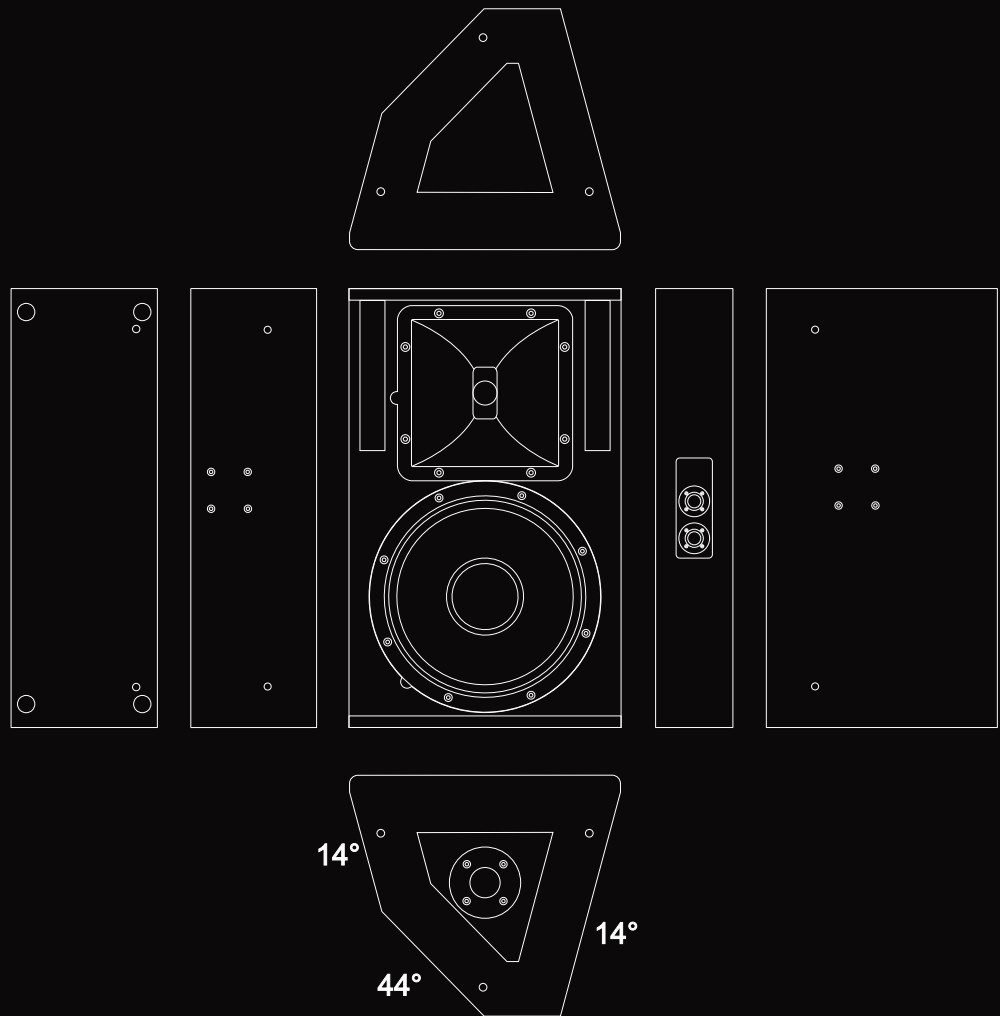


# User Manual



## MULTI FUNCTION COMPACT LOUDSPEAKERS

## Content

<b>Introduction</b> .....	3
<b>MAGMA SERIES overview</b> .....	4
<b>M5</b> .....	5
<b>M6</b> .....	6
<b>M8</b> .....	7
<b>M10</b> .....	8
<b>M12</b> .....	9
<b>M14</b> .....	10
<b>Accessories</b> .....	11
<b>Safety first</b> .....	12
<b>Amplification</b> .....	13
<b>Connections</b> .....	14
<b>Frequency Response</b> .....	15
<b>Warranty</b> .....	16

### General information

MAGMA SERIES Manual

Version: 1.0 Polistena February 21 2025

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Keep this document with the product or in a safe place so that it is available for future reference.

We recommend you to regularly check the [LSS.it](http://LSS.it) website for the latest version of this document.

If you require additional documents for this purpose, you can order them from LSS.

**LSS Advanced Speakers Systems, viale degli Artigiani Zona PIP 89024 Polistena (RC) Italy**

## Introduction

Thank you for purchasing an LSS multifunction loudspeaker system. The MAGMA SERIES is a high-performance loudspeaker system for fixed and mobile installation applications, especially when high SPL is required. MAGMA SERIES features a small to large format two-way system for short- and medium-range live monitoring and sound reinforcement applications. This user guide covers the M-Series models offered by LSS, designed for flexible operation with a special crossover network inside to optimize sound quality for various applications.

## Unpacking and Inspection

Before using your MAGMA speaker, please take a moment to inspect the package carefully upon delivery. At LSS, every unit is meticulously checked and tested in our facility to ensure it meets our high standards of quality. Once the product leaves our factory, however, it is packaged with the appropriate protective materials for transit.

Please note that any damage incurred during shipping is not the responsibility of LSS. We strongly recommend that you inspect all components of the package immediately after opening. If you find any damage or missing items, please contact your distributor right away to report the issue.

By checking the package contents at the time of receipt, you help ensure that your product has arrived in perfect condition and can perform at its best.

## Cabinet Option

Standard color of speaker is Black.

The custom color (CC) version of the cabinet is available in all colors of the RAL color table. The respective openings of the cabinet are covered by plates in cabinet color. The connector type is NL4.

## MAGMA SERIES overview

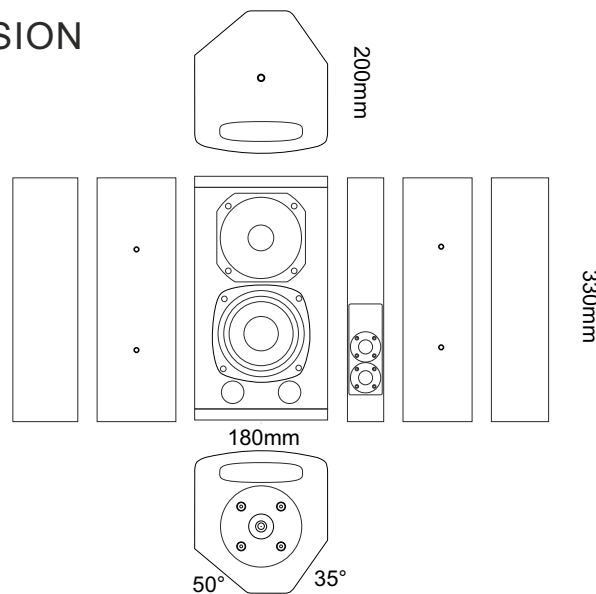
The MAGMA SERIES is a high-performance loudspeaker system for fixed and mobile installation applications, especially when high SPL is required

<b>M5</b>	<p>Component Low 5" woofer          Component High 1" diaphragm compression driver          Loading Low Bass-reflex          Loading High 1" Conical Horn 80°</p>
<b>M6</b>	<p>Component Low 6" woofer          Component High 1.4" diaphragm compression driver          Loading Low Bass-reflex          Loading High 1" Rotable Horn 90°X40°</p>
<b>M6</b>	<p>Component Low 8" woofer          Component High 1.4" diaphragm compression driver          Loading Low Bass-reflex          Loading High 1" Rotable Horn 90°X40°</p>
<b>M10</b>	<p>Component Low 10" woofer          Component High 1.7" diaphragm compression driver          Loading Low Bass-reflex          Loading High 1" Rotable Horn 90°X40°</p>
<b>M12</b>	<p>Component Low 12" woofer          Component High 1.7" diaphragm compression driver          Loading Low Bass-reflex          Loading High 1" Rotable Horn 90°X40°</p>
<b>M14</b>	<p>Component Low 14" woofer          Component High 3" diaphragm compression driver          Loading Low Bass-reflex          Loading High 1" Rotable Horn 80°X 60°</p>





**M5** DIMENSION



**DESCRIPTION**

The Magma 5 is a multi-function very small loudspeaker for mobile and fixed installation applications, especially where high SPLs needed. Magma 5 can be used as a mini floor monitor. A 5" LF transducer and a 1" conical horn-loaded compression driver produce a maximum output of 118 dB SPL, the unit exceed most performance comparable devices. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setup with very low distortion and power compression.

The pilotage need only one amplifier channel, the frequency splitting being accomplished by the low-loss passive filter passive crossover network inside the enclosure manufactured with top grade components, including coils with very low resistance and metalized polypropylene capacitors. It also features circuitry to protect the HF component against excessive current and voltage. Personalized setup available for Powersoft sytem amplifier. The cabinet is from Baltic birch features craftsmanship protected by an epoxy powder coated, resonance-free steel grill over acoustically transparent foam. Every cabinet is coated with a high-tech black textured polwater scratch free finish and custom RAL is possible on request. The system includes mounting hardware, compatible with various separately available mounting brackets.

**FACILITIES**

Auditorium, concert halls, houses of worship, shopping centers, conference rooms, sport facilities, retail stores, industrial, commercial and leisure projects, pubs, bars and cafes, small theatrical installations, schools malls hotels.

**APPLICATIONS**

Mini PA System, Under Balcony, Foreground Music Systems, Background Music Systems, Paging Systems, Delay and Stage front fill, Mini floor monitor system.

**PERFORMANCE**

Frequency Response -10 dB 70 Hz – 22 kHz  
 Nominal Dispersion 80° x 80° (H x V)  
 Impedance (Nom) 8 Ω  
 Watts AES Continuous 120 W/Peak 250 W  
 Maximum SPL Output calculated 118 dB SPL

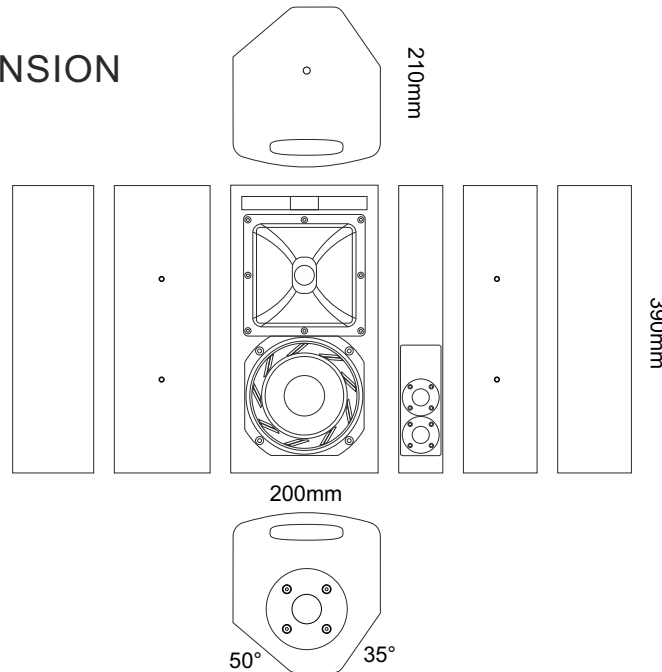
**PHYSICAL**

Component Low 5" woofer  
 Component High 1" diaphragm compression driver  
 Loading Low Bass-reflex  
 Loading High 1" Conical Horn  
 Connectors 4 x NL4 PAR Pins 1+/-1-  
 Cabinet Material Baltic birch plywood  
 Cabinet Finish Black polywater coating  
 Grill Epoxy powder coated  
 Installation Points 8 x M6  
 Pole Mount 35 mm socket  
 Height 330 mm  
 Width 180 mm  
 Depth 200 mm  
 Weight 5.9kg



**M6**

**DIMENSION**



**DESCRIPTION**

The Magma 6 is a multi-function very small loudspeaker for mobile and fixed installation applications, especially where high SPLs needed. Magma 6 can be used as a mini floor monitor. A 6.5" LF transducer and a 1.4" HF driver on rotatable horn produce a maximum output of 121 dB SPL, the unit exceed most performance comparable devices. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setup with very low distortion and power compression. The pilotage need only one amplifier channel the frequency splitting being accomplished by the low-loss passive filter passive crossover network inside the enclosure manufactured with top grade components, including coils with very low resistance and metalized polypropylene capacitors. It also features circuitry to protect the HF component against excessive current and voltage. Personalized setup available for Powersoft system amplifier. The cabinet is from Baltic birch features craftsmanship protected by an epoxy powder coated, resonance-free steel grill over acoustically transparent foam. Every cabinet is coated with a high-tech black textured polwater scratch free finish and custom RAL is possible on request. The system includes mounting hardware, compatible with various separately available mounting brackets.

**FACILITIES**

Auditorium, concert halls, houses of worship, shopping centers, conference rooms, sport facilities, retail stores, industrial, commercial and leisure projects, pubs, bars and cafes, small theatrical installations, schools malls hotels.

**APPLICATIONS**

Mini PA System, Under Balcony, Foreground Music Systems, Background Music Systems, Paging Systems, Delay and Stage front fill, Mini floor monitor system.

**PERFORMANCE**

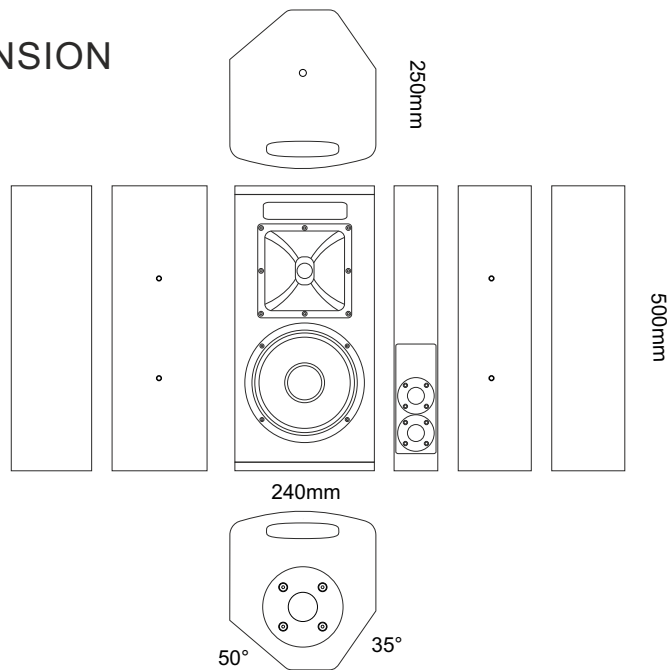
Frequency Response -10 dB 70 Hz – 22 kHz  
 Nominal Dispersion 90° x 40° (H x V)  
 Impedance (Nom) 16 Ω  
 Watts AES Continuous 250 W/Peak 575 W  
 Maximum SPL Output calculated 121 dB SPL

**PHYSICAL**

Component Low 6.5" woofer  
 Component High 1.4" diaphragm compression driver  
 Loading Low Bass-reflex  
 Loading High 1" Rotable Horn  
 Connectors 4 x NL4 PAR Pins 1+/-1-  
 Cabinet Material Baltic birch plywood  
 Cabinet Finish Black polywater coating  
 Grill Epoxy powder coated  
 Installation Points 8 x M6  
 Pole Mount 35 mm socket  
 Height 390 mm  
 Width 200 mm  
 Depth 210 mm  
 Weight 6.8kg



**M8** DIMENSION



**DESCRIPTION**

The Magma 8 is a multi-function very compact loudspeaker for mobile and fixed installation applications, especially where high SPLs needed. Magma 8 can be used as a mini monitor. A 8" LF transducer and a 1.4" HF driver on rotatable horn produce a maximum output of 123 dB SPL, the unit exceeds most performance comparable devices. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setups with very low distortion and power compression.

The pilotage needs only one amplifier channel, the frequency splitting being accomplished by the low-loss passive filter passive crossover network inside the enclosure manufactured with top grade components, including coils with very low resistance and metalized polypropylene capacitors. It also features circuitry to protect the HF component against excessive current and voltage. Personalized setups are available for Powersoft system amplifiers. The cabinet is from Baltic birch, featuring craftsmanship protected by an epoxy powder coating, resonance-free steel grill over acoustically transparent foam. Every cabinet is coated with a high-tech black textured powder scratch-free finish and custom RAL is possible on request. The system includes mounting hardware, compatible with various separately available mounting brackets.

**FACILITIES**

Auditorium, concert halls, houses of worship, shopping centers, conference rooms, sport facilities, retail stores, industrial, commercial and leisure projects, pubs, bars and cafes, small theatrical installations, schools, malls, hotels.

**APPLICATIONS**

Mini PA System, Under Balcony, Foreground Music Systems, Background Music Systems, Paging Systems, Delay and Stage front fill, Mini floor monitor system.

**PERFORMANCE**

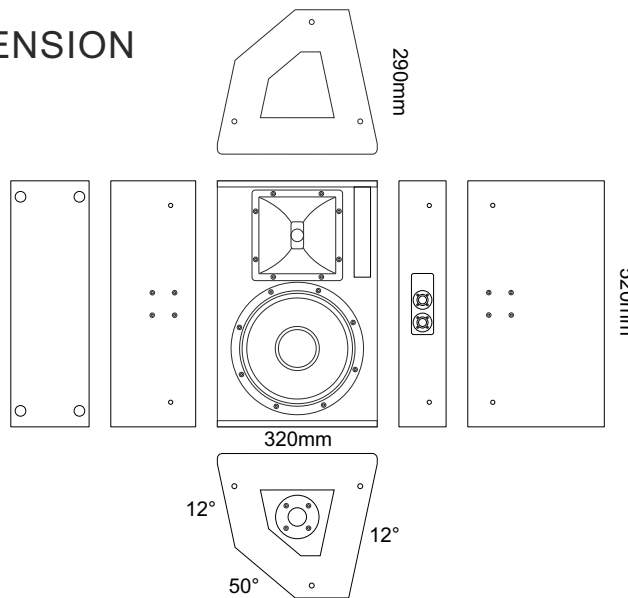
Frequency Response -10 dB 65 Hz – 22 kHz  
Nominal Dispersion 90° x 40° (H x V)  
Impedance (Nom) 8 Ω  
Watts AES Continuous 310 W/Peak 875 W  
Maximum SPL Output calculated 123 dB SPL

**PHYSICAL**

Component Low 8" woofer  
Component High 1.4" diaphragm compression driver  
Loading Low Bass-reflex  
Loading High 1" Rotatable Horn  
Connectors 2 x NL4 PAR Pins 1+/-  
Cabinet Material Baltic birch plywood  
Cabinet Finish Black powder coating  
Grill Epoxy powder coated  
Installation Points 8 x M6  
Pole Mount 35 mm socket  
Height 500 mm  
Width 240 mm  
Depth 250 mm  
Weight 10.2kg



**M10** DIMENSION



**DESCRIPTION**

The Magma 10 is a multi-function very compact loudspeaker for mobile and fixed installation applications, especially where high SPLs needed. Magma 10 can be used for mini PA system alone or copled with a LSS sub woofer. Possyble also to use as a floor monitor. A customized 10" LF transducer and a 1.7" HF driver on rotatable horn produce a maximum output of 126 dB SPL, the unit exceed most performance comparable devices. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setup with very low distortion and power compression. The pilotage need only one amplifier channel the frequency splitting being accomplished by the low-loss passive filter passive crossover network inside the enclosure engineered and manufactured with top grade components, including coils with very low resistance and metalized polypropylene capacitors. It also features circuitry to protect the HF component against excessive current and voltage, (Personalized setup available for Powersoft sytem amplifier). The cabinet is from Baltic birch features craftsmanship protected by an epoxy powder coated, resonance-free steel grill over acoustically transparent foam. Every capabinet is coated with a high-tech black textured polwater scratch free finish and custom RAL is possible on request. The system includes mounting hardware, compatible with various separately available mounting brackets.

**FACILITIES**

Auditorium, concert halls, houses of worship, shopping centers, conference rooms, sport facilities, retail stores, industrial, commercial and leisure projects, pubs, bars and cafes, small theatrical installations, schools malls hotels.

**APPLICATIONS**

Mini PA System, Under Balcony, Foreground Music Systems, Background Music Systems, Paging Systems, Delay and Stage front fill, Floor monitor system.

**PERFORMANCE**

Frequency Response -10 dB 65 Hz – 22 kHz  
Nominal Dispersion 90° x 40° (H x V)  
Impedance (Nom) 8 Ω  
Watts AES Continous 400 W/Peak 900 W  
Maximum SPL Output calculated 126 dB SPL

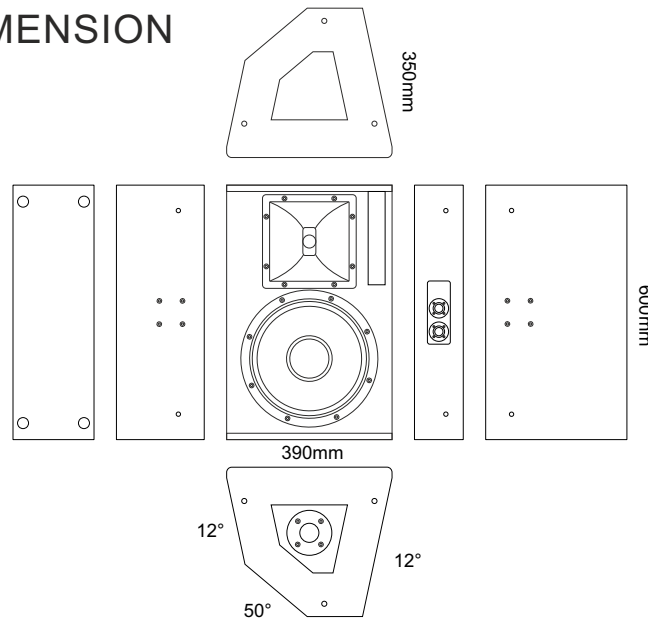
**PHYSICAL**

Component Low 10" woofer  
Component High 1.7" diaphragm compression driver  
Loading Low Bass-reflex  
Loading High 1" Rotable Horn  
Connectors 2 x NL4 PAR Pins 1+/-1-  
Cabinet Material Baltic birch plywood  
Cabinet Finish Black polywater coating  
Grill Epoxy powder coated  
Installation Points 8 x M6  
Pole Mount 35 mm socket  
Height 520 mm  
Width 320 mm  
Depth 290 mm  
Weight 15.8kg





**M12 DIMENSION**



**DESCRIPTION**

The Magma 12 is a multi-function loudspeaker very compact for mobile and fixed installation applications, especially where high SPLs needed. A customized 12" LF transducer and a 1.7" HF driver on rotatable horn produce a maximum output of 129 dB SPL. The system will comfortably exceed most comparable devices performance. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setup with very low distortion and power compression. Magma 12 is ideally for main PA system alone or copied with a LSS sub woofer. Possibly also to use as a floor monitor.

The pilotage need only one amplifier channel, the frequency splitting being accomplished by the low-loss passive filter passive crossover network inside the enclosure engineered and manufactured with top grade components, including coils with very low resistance and metalized polypropylene capacitors. It also features circuitry to protect the HF component against excessive current and voltage. Personalized setup available for Powersoft system amplifier. The cabinet is from Baltic birch features craftsmanship protected by an epoxy powder coated, resonance-free steel grill over acoustically transparent foam. Every cabinet is coated with a high-tech black textured polwater scratch free finish and custom RAL is possible on request. The system includes mounting hardware, compatible with various separately available mounting brackets.

**FACILITIES**

Auditorium, concert halls, houses of worship, shopping centers, conference rooms, sport facilities, retail stores, industrial, commercial and leisure projects, pubs, bars and cafes, small theatrical installations, schools malls hotels.

**APPLICATIONS**

Main PA Systems, Monitor System, Delay and Stage fill.

**PERFORMANCE**

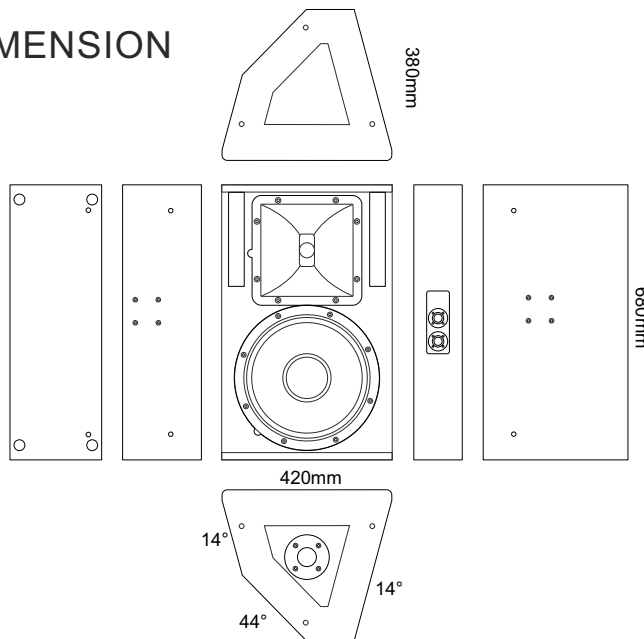
Frequency Response -10 dB 60 Hz – 22 kHz  
 Nominal Dispersion 90° x 40° (H x V)  
 Impedance (Nom) 8 Ω  
 Watts AES Continuous 500 W/Peak 1200 W  
 Maximum SPL Output calculated 129 dB SPL

**PHYSICAL**

Component Low 12" woofer  
 Component High 1.7" diaphragm compression driver  
 Loading Low Bass-reflex  
 Loading High 1" Rotable Horn  
 Connectors 2 x NL4 PAR Pins 1+/-  
 Cabinet Material Baltic birch plywood  
 Cabinet Finish Black polywater coating  
 Grill Epoxy powder coated  
 Installation Points 8 x M6  
 Pole Mount 35 mm socket  
 Height 600 mm  
 Width 390 mm  
 Depth 350 mm  
 Weight 20.5 kg



**M14** DIMENSION



**DESCRIPTION**

The Magma 14 is a multi-function compact loudspeaker for mobile and fixed installation applications, especially where high SPL is needed. Magma 14 can be used for main PA system or as a floor monitor. A customized 14" LF transducer and a 3" compression driver on rotatable horn produces a maximum output of 132 dB SPL. The unit will comfortably exceed the performance of most comparable devices loaded with 15" LF drivers. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setups with very low distortion and power compression. The pilotage need only one amplifier channel, the frequency splitting being accomplished by the low-loss passive filter passive crossover network inside the enclosure engineered manufactured with top grade components, including coils with very low resistance and metalized polypropylene capacitors. It also features circuitry to protect the HF component against excessive current and voltage. Personalized setup available for Powersoft system amplifier. The cabinet is from Baltic birch features craftsmanship protected by an epoxy powder coated, resonance-free steel grill over acoustically transparent foam. Every cabinet is coated with a high-tech black textured polywater scratch free finish and custom RAL is possible on request. The system includes mounting hardware, compatible with various separately available mounting brackets.

**FACILITIES**

Auditorium, concert halls, houses of worship, shopping centers, conference rooms, sport facilities, retail stores, industrial, commercial and leisure projects, pubs, bars and cafes, small theatrical installations, schools malls hotels.

**APPLICATIONS**

Main PA Systems, Monitor System, Delay and Stage fill.

**PERFORMANCE**

Frequency Response -10 dB 55 Hz – 22 kHz  
Nominal Dispersion 80° x 60° (H x V)  
Impedance (Nom) 8 Ω  
Watts AES Continuous 800 W/Peak 2000 W  
Maximum SPL Output calculated 132 dB SPL

**PHYSICAL**

Component Low 14" woofer  
Component High 3" diaphragm compression driver  
Loading Low Bass-reflex  
Loading High 1 1/4 Rotable Horn  
Connectors 4 x NL4 PAR Pins 1+/-  
Cabinet Material Baltic birch plywood  
Cabinet Finish Black polywater coating  
Grill Epoxy powder coated  
Installation Points 8 x M6, 6 X M8  
Pole Mount 35 mm socket  
Height 680 mm  
Width 420 mm  
Depth 380 mm  
Weight 26.3 kg

# Accessories

The LSS MAGMA SERIES loudspeaker is designed with precision threaded inserts for fixed suspended applications. Each cabinet is supplied with M10 insert allowing you to attach custom suspension hardware or mount using eye bolts, there are also a number of M6 fixing inserts on all sides allowing you to screw in a variety of adapter types. The MAGMA SERIES speakers can also be installed horizontally with the special UG/UP brackets supplied on request by LSS. It is essential that these fittings are made from forged steel or machined and shouldered types certified to safely support loads greater than the weight of the cabinet. Do not opt for cheap DIY formed steel inserts as they do not provide the security needed to suspend heavy speaker cabinets. The photos show examples of suspensions.

Eye Bolts



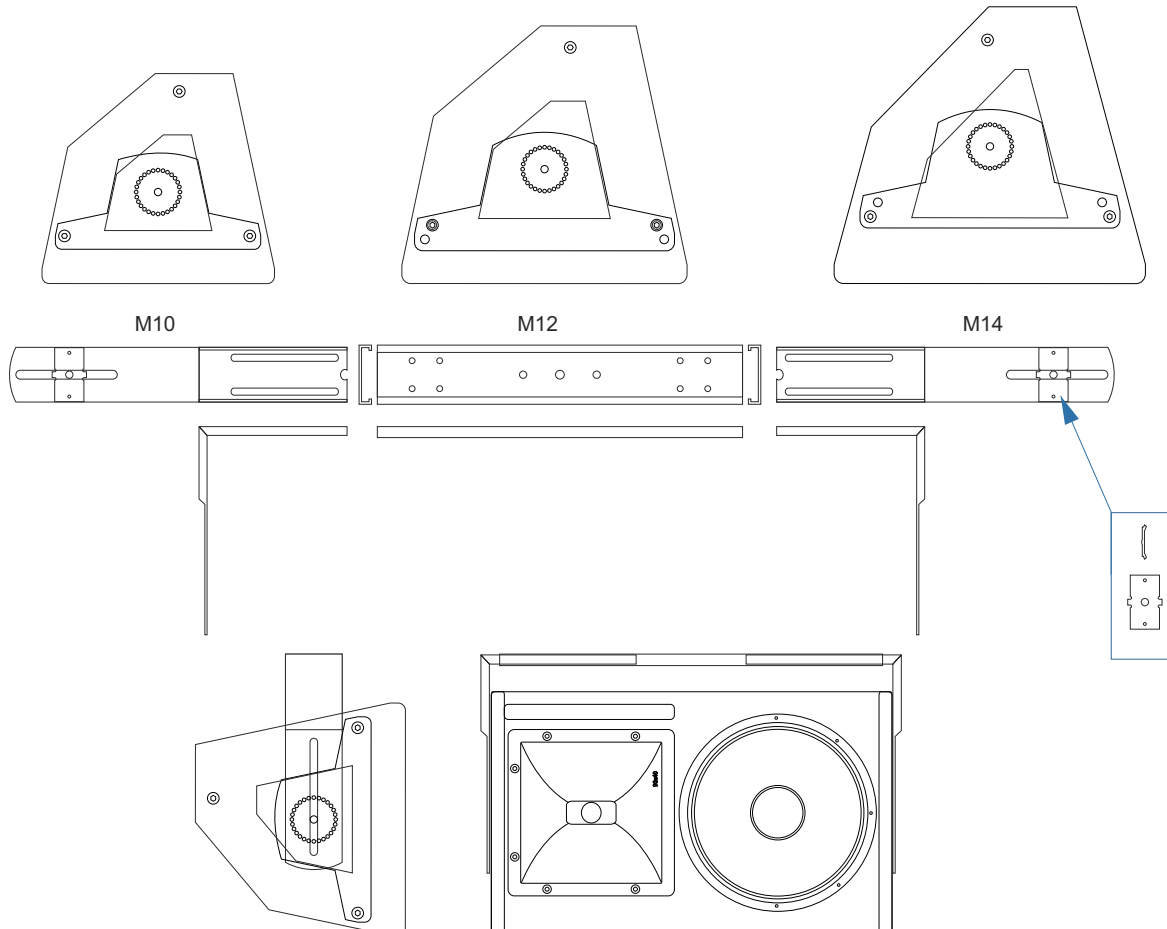
wall mount bracket suitable for M5 M6 M8



pole or fly mount bracket suitable for M5 M6 M8



Staffa UG/UP



## Safety first

The use of professional audio systems requires attention and awareness to ensure maximum safety. Please read the following guidelines carefully for the safe use of MAGMA Series speakers.

### Sound Levels and Hearing Protection

M Series speakers can generate high sound pressure levels, so it is important to use them with caution. Prolonged exposure to levels above 90 dB can cause hearing damage, which accumulates over time. Avoid standing too close to the speakers when they are operating at high volumes to prevent any risk.

## Stacking

Stability and Positioning

- Always ensure that the surface where you place the speakers is stable and sturdy.
- When used outdoors, consider wind as a potential risk factor and ensure that the stacking is secure.
- High-power speakers may experience slight vibrations and shifts during use. To prevent unwanted movement, use anti-slip materials between the speakers and the floor or secure them with safety straps.

## Rigging and suspension

Warning: Suspended mounting must only be performed by qualified personnel, following strict safety procedures. All mounting points must be securely anchored to an appropriate structure. If in doubt, consult industry experts such as structural engineers or specialized technicians.

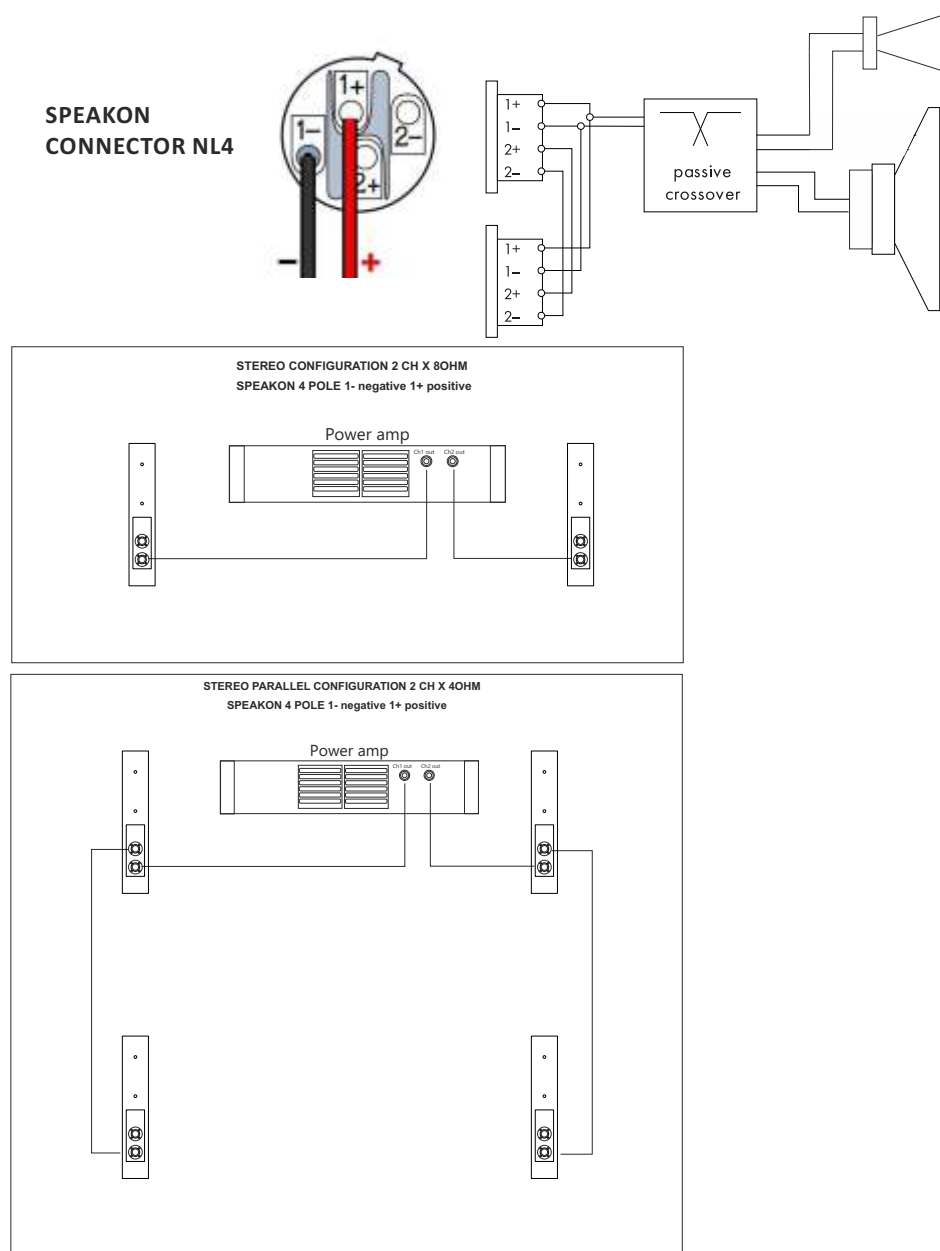
MAGMA SERIES speakers are designed for versatile installation. Each unit is equipped with threaded mounting points for use with dedicated accessories. However:

- It is not permitted to suspend one speaker directly from another.
- Only forged or machined steel shoulder eye bolts with a thread length of at least 30 mm must be used for anchoring.
- Low-quality eye bolts, made by simply bending a metal rod, do not provide the necessary safety and must not be used.
- An inclined installation creates forces that are not aligned with the thread axis. It is therefore essential to use certified equipment capable of withstanding such stresses.

By following these guidelines, you can ensure maximum safety when using your MAGMA SERIES speakers, protecting both people and equipment.

# Connections

On the back of the speaker you have a connector panel has two Neutrik Speakon connectors wired in parallel with each other. The second connector allows use of a short link to drive another, parallel MAGMA loudspeaker. The connectors are wired as follows:



# Cable lengths

Here you have a simple suggestion to wire cables systems to an amplifier, it is recommended that the return resistance of the cable used is less than one tenth of the nominal impedance of the system or systems in parallel. The table below gives an indication of the maximum permissible cable runs for various conductor cross-sectional areas.

Conductors	Maximum Cable Run		
	4 ohms	8 ohms	16 ohms
1.0mm <sup>2</sup>	11m	22m	44m
1.5mm <sup>2</sup>	17m	34m	68m
2.0mm <sup>2</sup>	22m	44m	88m
2.5mm <sup>2</sup>	29m	58m	116m
4.0mm <sup>2</sup>	44m	88m	176m
6.0mm <sup>2</sup>	66m	132m	264m

## Amplification

### HOW TO CHOOSE THE RIGHT AMPLIFIER FOR YOUR SPEAKERS

Choosing the right amplifier is essential to get the best performance from the MAGMA Series speakers by LSS. An unsuitable amplifier can compromise sound quality and shorten the system's lifespan. Here are the key factors to consider:

#### 1. POWER: MATCHING AMPLIFIER AND SPEAKER

The amplifier must provide the right amount of power to drive the speakers without causing distortion or damage.

- **Recommended Power:**
- To ensure optimal performance and good dynamic headroom, the amplifier should deliver 1.5 to 2 times the RMS power rating of the speaker.
- Example: If a speaker has a 500W RMS rating, the amplifier should provide between 750W and 1000W per channel.
- **Why not use an underpowered amplifier?**
- A weak amplifier clips earlier, generating distortion that can damage the driver.
- It is better to have a more powerful amplifier with a properly set limiter rather than an underpowered one.

#### 2. LOAD IMPEDANCE: AMPLIFIER-SPEAKER COMPATIBILITY

Each amplifier has a range of impedance levels it can safely operate with.

- The amplifiers to driver the M series must be designed to work at:
- 8Ω, 4Ω, and in some cases, 2Ω.
- Impedance changes with different speaker connections:
- Two 8Ω speakers in parallel → 4Ω total.
- Four 8Ω speakers in parallel → 2Ω total.
- Two 8Ω speakers in series → 16Ω total.

**⚠ Warning:** Using a load too low (e.g., 2Ω on an amplifier not designed for it) can overheat the system and activate protection circuits.

#### 3. AMPLIFIER CLASS: WHICH ONE IS BEST FOR YOUR NEEDS?

Amplifiers are categorized by their operating class, affecting efficiency and sound performance.

- Class AB:
- Superior sound quality, suitable for Hi-Fi systems or recording studios.
- Higher heat dissipation and lower efficiency compared to other classes.
- Class D (recommended for PA and installations):
- High efficiency (90%+), lightweight, lower heat generation.
- Perfect for live sound, nightclubs, and fixed installations.

#### 4. CONNECTIONS: CHECK COMPATIBILITY WITH YOUR AUDIO SYSTEM

- Inputs: The amplifier must be compatible with the audio source (Mixer, DSP, Controller).
- Balanced XLR: Best for long cables with no interference.
- TRS Jack/RCA: Used in less professional contexts.
- Speaker Outputs:
- Speakon (NL4): Professional standard for secure connections.
- Binding post: More versatile connections, commonly used in fixed installations.

#### 5. COOLING AND RELIABILITY CONSIDERATIONS

An amplifier designed for live environments or nightclubs must guarantee thermal stability.

- Forced ventilation with temperature sensors → Smart cooling system.
- Aluminum heatsinks and efficient circuits → Longer lifespan.

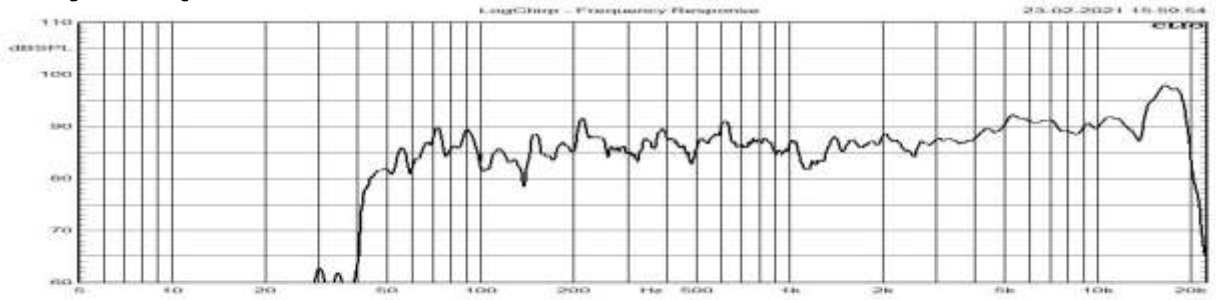
Tip: Always leave space around amplifiers in racks to allow for proper heat dissipation.

### Recommended Amplifiers

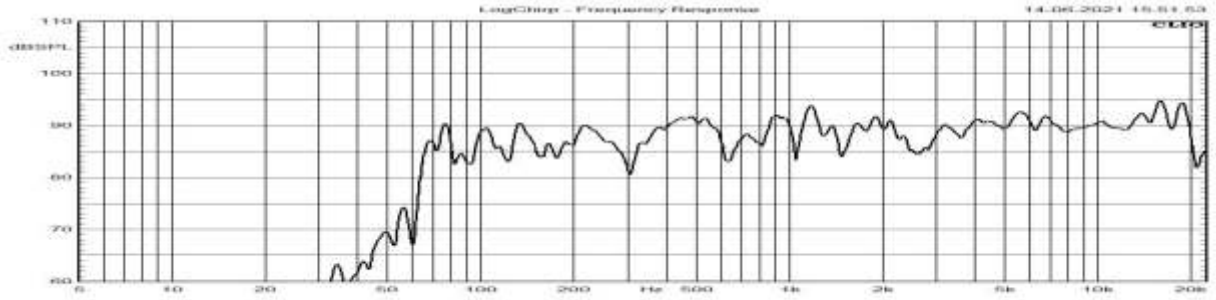
Model	AES Power	Peak Power	Ideal amplifier rating		Minimum rating	
	Rating	Rating	4Ω	8Ω	4Ω	8Ω
M5	120W	250W	500W	250W	250W	125W
M6	250W	575W	1150W	575W	575W	280W
M8	310W	875W	1750W	875W	875W	430W
M10	400W	900W	1800W	900W	900W	450W
M12	500W	1200W	2400W	1200W	1200W	600W
M14	800W	2000W	4000W	2000W	2000W	1000W

# Frequency Response

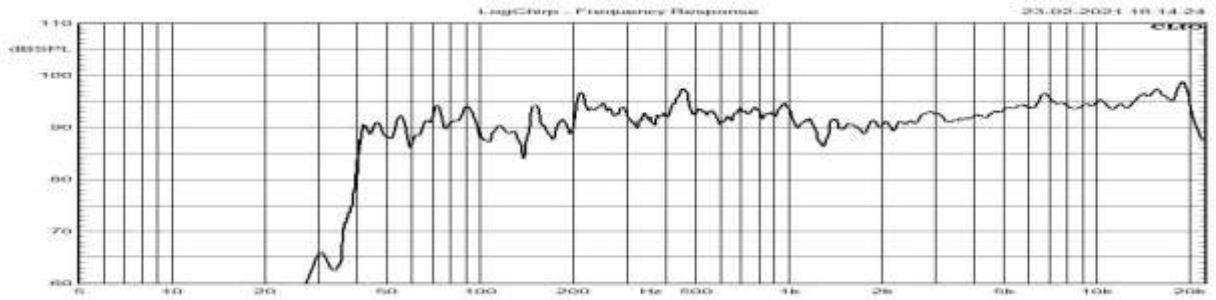
M5



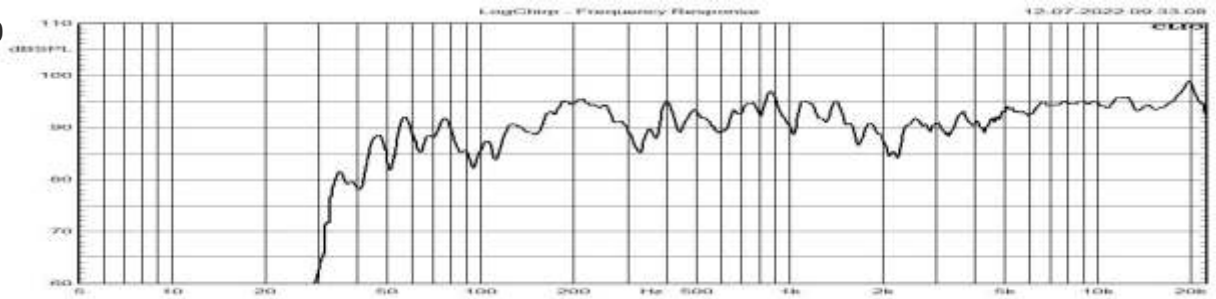
M6



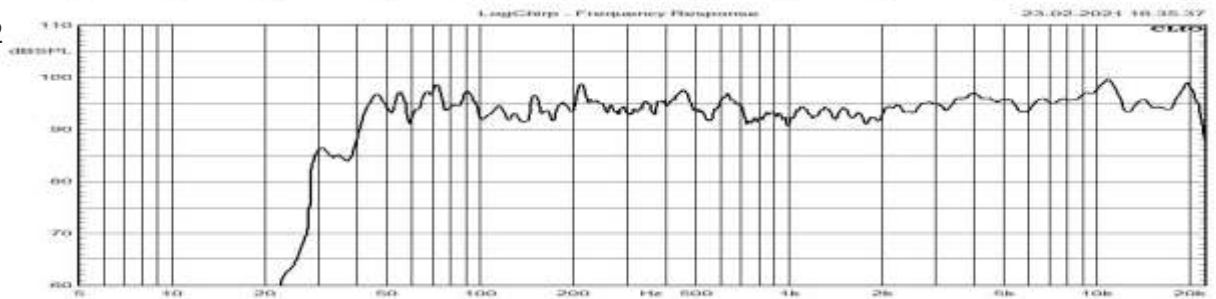
M8



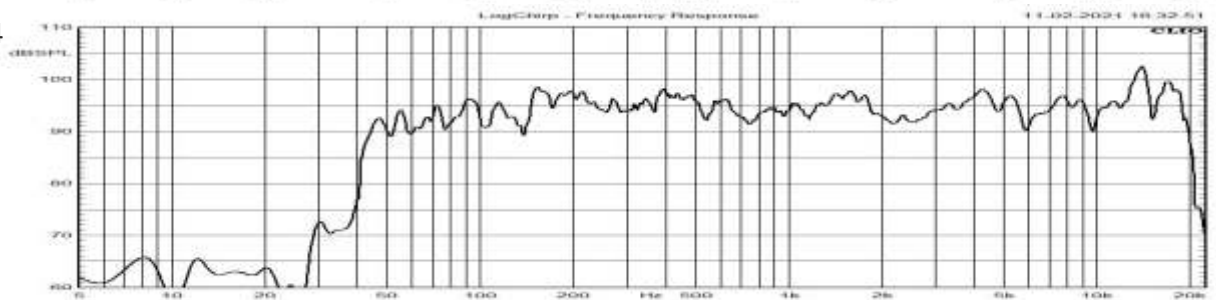
M10



M12



M14



## Warranty

This product is warranted by LSS for a period of twelve (12) months from the date of purchase under the terms and conditions of this warranty. The LSS covers material and manufacturing defects. The warranty comes into force only if the warranty certificate is fully and correctly completed by a LSS dealer.

The manufacturer's warranty does not cover:

- speakers
- damage resulting from improper handling, lack of care accidents or normal wear
- possible consequential damage resulting e.g. from defects, use, inaccuracy
- transport.

In case of defects covered by the warranty, your product will be repaired by LSS or authorized LSS dealer.

Any further claims against LSS e.g. compensation for damage, withdrawal from the purchase contract or refund of the purchase price are excluded. Your dealer carries responsibility only for any other guarantees.

The warranty becomes void in the event of servicing or repair of the product by any person not duly authorized by LSS or its representatives.

The above manufacturer's warranty does not effect the purchaser's rights against the seller nor any other statutory rights the purchaser may have.

## CE Declaration

The Manufacturer LSS Advanced Speakers Systems, with office in viale degli Artigiani Zona PIP 89024 Polistena (RC) Italy

DECLARES

**That the speakers MAGMA SERIES**

**MODEL M5**

**MODEL M6**

**MODEL M8**

**MODEL M10**

**MODEL M12**

**MODEL M14**

are compliant with essential requirements according to relevant directive and designated standard:

**LVD 2014/35/EU directive**

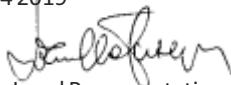
- EN 62368-1:2014

**RoHS 2011/65/EC directive**

**WEEE 2012/19/EC directive**

- EN50419

Polistena, March 24 2019



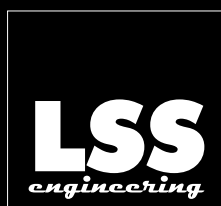
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(Giuseppe Laruffa)





# MAGMA

REVOLUTIONARY SPEAKERS FOR EACH TYPE OF APPLICATION



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LSS Viale degli Artigiani - 89024 Polistena (RC) ITALY Tel. (39) 966 932199 Email: [info@lss.it](mailto:info@lss.it) - [www.lss.it](http://www.lss.it)