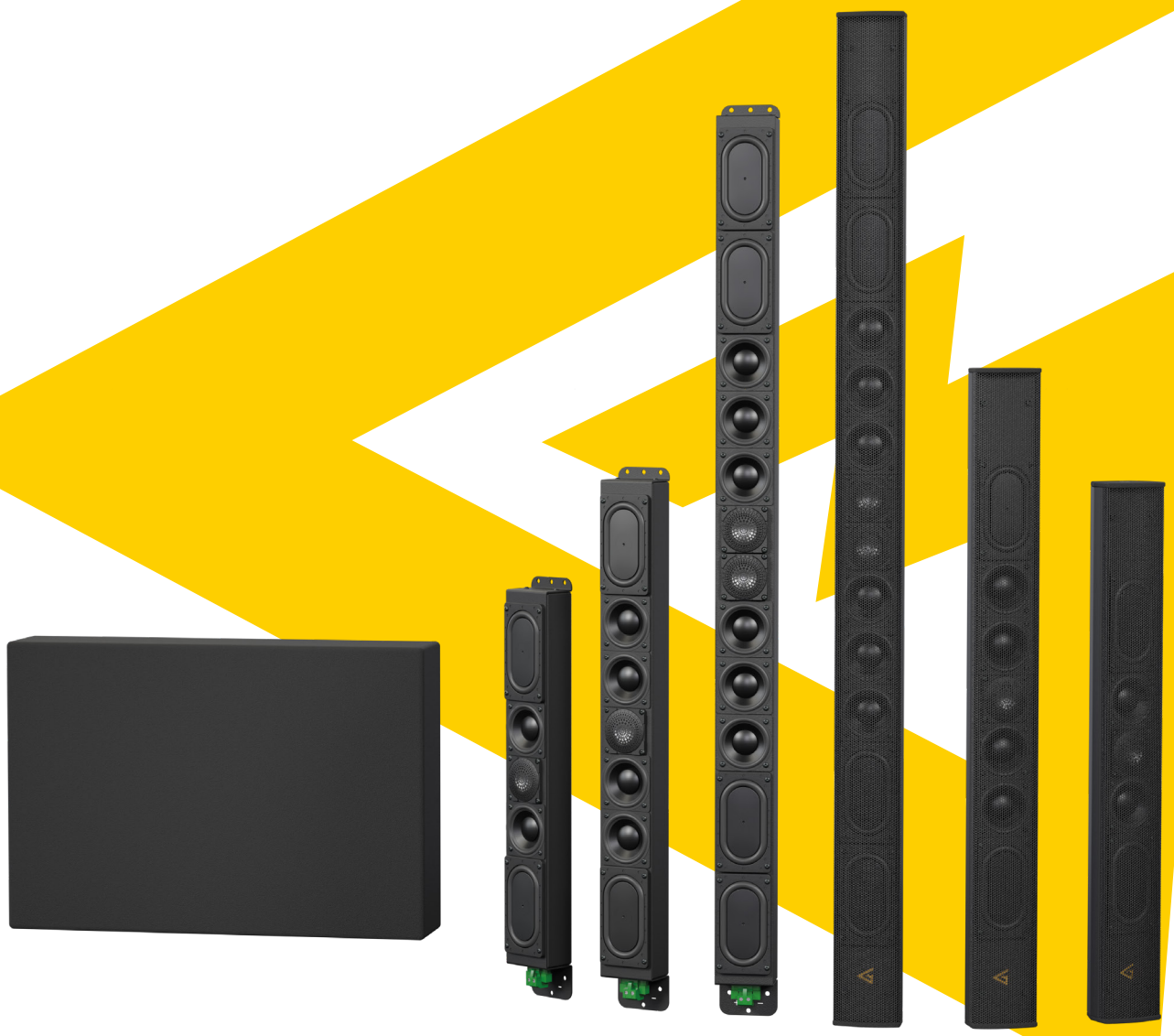
MAG AUDIO

CUE SERIES

User Manual



Systems:
CUE S
CUE M
CUE L

CUE Si
CUE Mi
CUE Li
CUE SUB

Accessories:

CUE-Bracket
CUE-WRM

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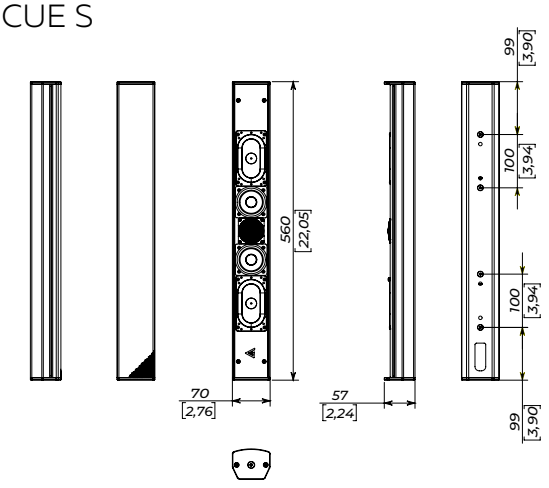
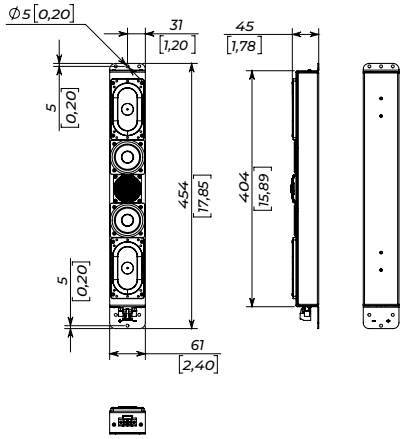
Dimensions

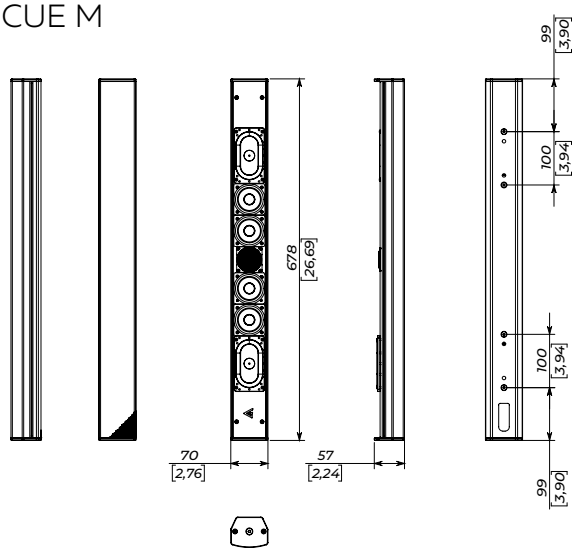
CUE S



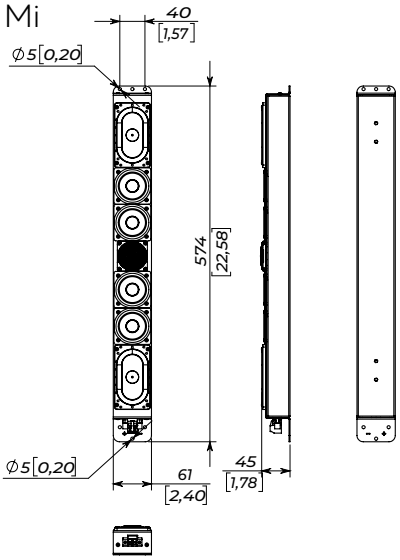
CUE Si



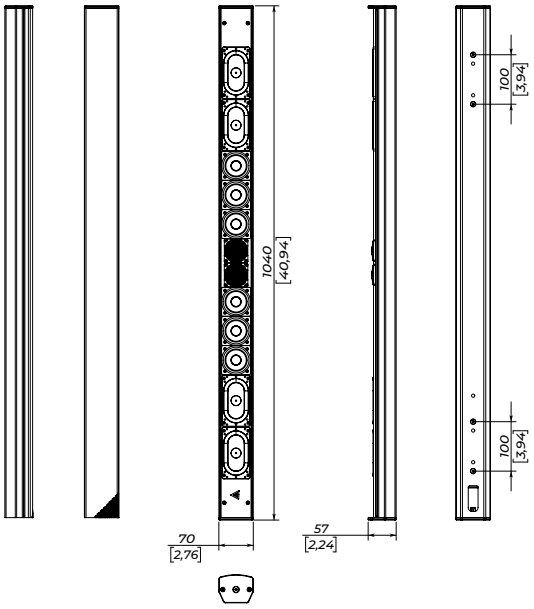
CUE M



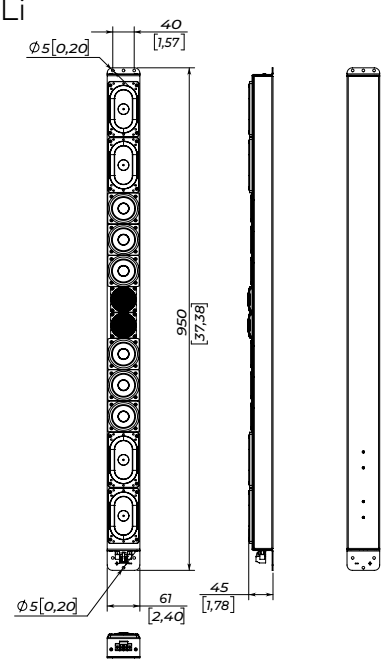
CUE Mi



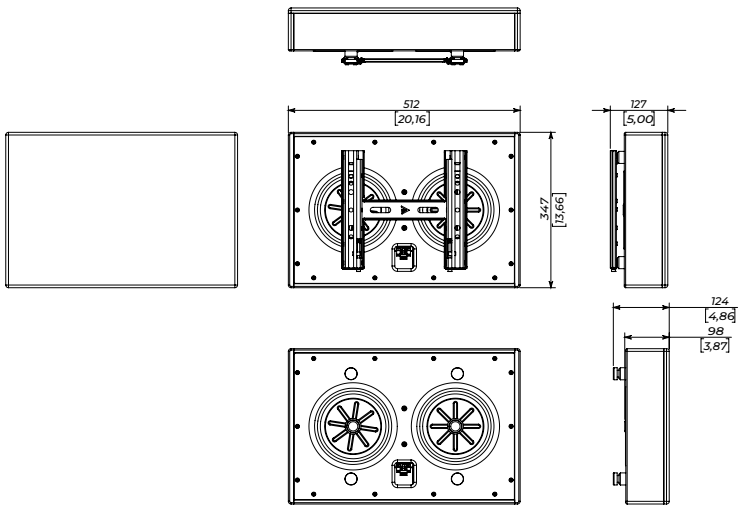
CUE L



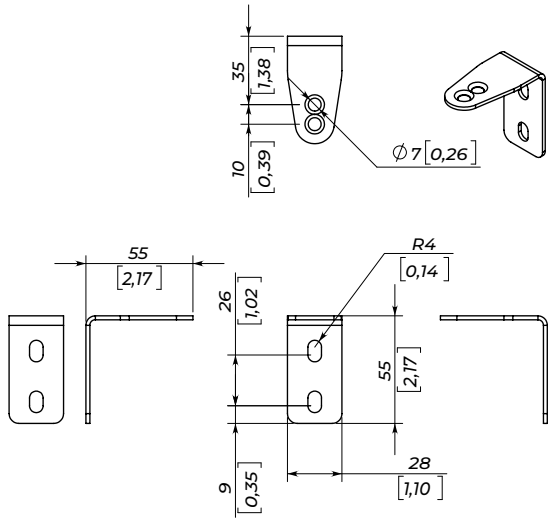
CUE Li



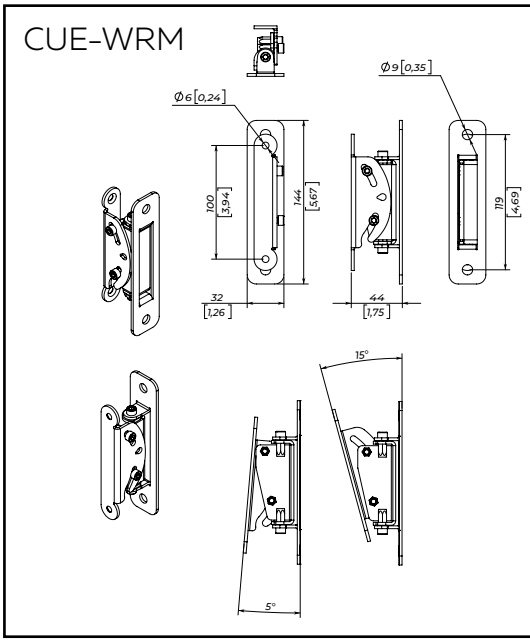
CUE SUB



CUE-Bracket



CUE-WRM



Specifications

	CUE S	CUE M	CUE L
Frequency Response (-10dB)	150 Hz - 25 kHz	150 Hz - 25 kHz	150 Hz - 25 kHz
Max SPL [1] (nominal / peak)	105 dB / 111 dB	111 dB / 117 dB	114.5 dB / 120.5 dB
Sensitivity (1W/1m)	88 dB	91 dB	92.8 dB
LF Driver	2 × 2″ woofer, 2 × passive radiator	4 × 2″ woofer, 2 × passive radiator	6 × 2″ woofer, 4 × passive radiator
HF Driver	1″ tweeter	1″ tweeter	1″ tweeter
Nominal Coverage (H × V)	120° horizontal	120° horizontal	120° horizontal
Impedance	4 Ohm	8 Ohm	12 Ohm
Nominal power [2]	50 W	100 W	150 W
Connectors	Phoenix	Phoenix	Phoenix
Dimensions (W × H × D)	70 × 560 × 57 mm	70 × 678 × 57 mm	70 × 1040 × 57 mm
Mounting	4 × M5 wall mounting or linking points		
Enclosure material	Aluminum, wear-resistant paint		
Speaker protection	Steel grill		
Weather protection	IP54 rated		

	CUE Si	CUE Mi	CUE Li
Frequency Response (-10dB)	150 Hz - 25 kHz	150 Hz - 25 kHz	150 Hz - 25 kHz
Max SPL [1] (nominal / peak)	105 dB / 111 dB	111 dB / 117 dB	114.5 dB / 120.5 dB
Sensitivity (1W/1m)	88 dB	91 dB	92.8 dB
LF Driver	2 × 2″ woofer, 2 × passive radiator	4 × 2″ woofer, 2 × passive radiator	6 × 2″ woofer, 4 × passive radiator
HF Driver	1″ tweeter	1″ tweeter	1″ tweeter
Nominal Coverage (H × V)	120° horizontal	120° horizontal	120° horizontal
Impedance	4 Ohm	8 Ohm	12 Ohm
Nominal power [2]	50 W	100 W	150 W
Connectors	Phoenix	Phoenix	Phoenix
Dimensions (W × H × D)	61 × 454 × 45 mm	61 × 570 × 45 mm	61 × 950 × 45 mm
Mounting	2 × M8 in-wall mounting		
Enclosure material	Aluminum, wear-resistant paint		

	CUE SUB
Frequency Response (-10dB)	45 - 200 Hz
Peak SPL [1]	122 dB
Sensitivity (1W/1m)	84 dB
Drivers	2 × 8", 1.5" VC
Impedance	8 Ohm
Nominal power [2]	400 W
Connectors	Phoenix
Dimensions (W × H × D)	512 × 347 × 98 mm
Dimensions (W × H × D)	512 × 347 × 127 mm with bracket
Mounting	Mounting plate; Safety mounting point
Enclosure material	Plywood, wear-resistant paint
Speaker protection	Steel grill, acoustically transparent backing

[1] - peak value, calculated according to AES 2 - 2012
[2] - based on transducer power measured according to AES 2 - 2012

1. Safety instructions

EXPLANATIONS OF GRAPHICAL SYMBOLS

The triangle with the lightning bolt is used to alert the user to the risk of electric shock.

The triangle with the exclamation point is used to alert the user to important operating or maintenance instructions.

The CE-mark indicates the compliance with the low voltage and electromagnetic compatibility.

Symbol for earth/ground connection.

Symbol indicating that the equipment is for indoor use only.

Symbol for conformity with Directive 2002/96/EC and Directive 2003/108/EC of the European Parliament on waste electrical and electronic equipment (WEEE).

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT ATTEMPT TO OPEN ANY PART OF THE UNIT. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.

THE MAINS PLUG OF THE POWER SUPPLY CORD MUST REMAIN READILY ACCESSIBLE.

DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE, DRIPPING OR SPLASHING LIQUIDS. OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

CONNECTIONS TO THE MAINS SHALL BE DONE ONLY BY AN ELECTROTECHNICALLY SKILLED PERSON ACCORDING TO THE NATIONAL REQUIREMENTS OF THE COUNTRIES WHERE THE UNIT IS SOLD.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions carefully.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this equipment near water.

6. Clean only with dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not use near heat sources such as stoves, heat registers, radiators or other equipment (including amplifiers) that produces heat.

9. Do not use the unit near open fire sources.

10. Connect the unit only to the electric network with grounding. Use only electric plugs that provide grounding.

11. Protect the power cord from being walked on, pinched, or otherwise damaged.

12. Use only accessories specified by the manufacturer.

13. Unplug this unit during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the system has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS SYSTEM UNIT TO RAIN OR MOISTURE.

THIS UNIT CONTAINS POTENTIALLY LETHAL VOLTAGES. TO PREVENT ELECTRIC SHOCK OR HAZARD, DO NOT REMOVE THE AMPLIFIER MODULE. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. [1]

INSTALLING OF THIS UNIT MUST BE PERFORMED ONLY BY QUALIFIED TRAINED PERSONNEL FOLLOWING APPLICABLE SAFETY RULES. DO NOT ALLOW INSTALLATION OF THIS UNIT IF INSTALLATION HARDWARE IS BROKEN, BENT, PARTS ARE MISSING OR IS OTHERWISE DAMAGED.

[1] – for powered speakers only

2. Regulatory information

FCC COMPLIANCE NOTICE

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

EC DECLARATION OF CONFORMITY

Manufacturer:
MAG Audio LLC
Merezhna 2
Bila Tserkva, Kyiv region
09100 Ukraine

We declare under our sole responsibility that product models:

CUE S-BK
CUE S-WH
CUE S-SL
CUE S-BL
CUE S-GR
CUE S-BR
CUE S-AS
CUE M-BK
CUE M-WH
CUE M-SL
CUE M-BL
CUE M-GR
CUE M-BR
CUE M-AS
CUE L-BK
CUE L-WH
CUE L-SL
CUE L-BL
CUE L-GR
CUE L-BR
CUE L-AS
CUE Si
CUE Mi
CUE Li
CUE SUB-BK
CUE SUB-WH

intended for use as: ultra-slim speaker systems

are in conformity with the provisions of the following EC Directives, including all amendments, and with national legislation implementing these directives:

- 2006/95/EC Low Voltage Directive
- 2004/108/EC Electromagnetic Compatibility Directive
- 2002/95/CE RoHs Directive

The following harmonized standards are applied:

EN 55103-1:2009 /A1:2012
EN 55014-1:2006 /A1:2009 /A2:2011
EN 55022:2010 /AC:2011
EN 61000-3-2:2006 /A1:2009 /A2: 2009
EN 61000-3-3:2013
EN 61000-3-11:2000
EN 61000-3-12:2011
EN 55103-2:2009 /IS:2012
EN 61000-4-2:2009
EN 61000-4-3:2006 /A1:2008 /IS1:2009 /A2:2010
EN 61000-4-4:2012
EN 61000-4-5:2006
EN 61000-4-6:2014
EN 61000-4-11:2004
EN 60065:2002 /A1:2006 /A11:2008 /A2:2010 /A12:2011

Bila Tserkva,
Alexey Asanov
CEO

For compliance questions: info@mag-audio.com

3. CUE series loudspeakers

3.1. Introduction

CUE Series are a compact loudspeakers, designed for discreet installations where clarity and visual restraint are essential. Featuring woofers, passive radiators, and a precision 1" high-frequency driver, CUE Series delivers articulate sound with surprising low-end presence for its size. Ideal for intimate venues, corridors, lounges, and architectural accents.

There are three sizes of the CUE Series. These are CUE S, CUE M, and CUE L, each with different parameters for full-range sound tailored to the client.

3.2. CUE Speakers

CUE S and CUE Si are the most compact loudspeakers in the CUE Series. Featuring dual 2" woofers, dual passive radiators, and a precision 1" high-frequency driver. CUE L and CUE Li are the largest models in the CUE Series, engineered for concealed high-output applications. With six woofers, four passive radiators, and the same high-resolution 1" tweeter, they deliver authoritative full-range performance behind fabric or false walls. Intended for large spaces where visual minimalism is non-negotiable.

The slim-format enclosure minimizes visual impact while advanced transducer alignment ensures consistent sound across the listening area. Available in surface-mount and hidden in-wall versions, CUE adapts seamlessly to both expressive and invisible installations. Paired with the dedicated CUE SUB, the system scales from elegant background audio to confident, full-range performance.

Built for bars, restaurants, clubs, cultural venues, and public interiors, CUE delivers controlled, even coverage with exceptional speech intelligibility and musical clarity.

3.3. CUE Subwoofer

CUE SUB is an ultra-slim, on-wall subwoofer designed to extend low-frequency performance in architectural installations without occupying floor space. Featuring dual 8" drivers firing directly into the wall, it delivers controlled, punchy bass while remaining physically safe and visually discreet.

The wall-mount design eliminates exposed moving parts, making it ideal for public venues and family-accessible spaces. Supplied with an integrated mounting bracket for fast, secure installation. Once installed, it simply disappears into the system.

3.4. Available colors

CUE Series installations are available in Black, White, Silver Grey, Grass Green, Electric Blue, Oak Brown, and Architectural Sand.

CUE Series in-wall installations are available in black.

CUE Subwoofer is available in black or white.

3.5. Accessories

CUE-Bracket is a wall-mounting bracket for CUE S, CUE M, and CUE L loudspeakers.

CUE-WRM is a wall mount for CUE loudspeakers with tilt adjustment. It is well-suited for immersive audio applications, offering -5° to +15° vertical tilt.

CUE-SUB-Bracket is the wall-mounting bracket for CUE SUB. It is a thin, fixed-on-wall mount that also serves as the subwoofer's front plate, allowing the unit to be installed securely. Supplied with the subwoofer.

4. System operation

4.1. Rigging

Rigging and installation must be carried out only by qualified personnel in accordance with all applicable safety regulations.

Maximum load restrictions must be observed at all times.

Before installation, ensure the mounting surface (wall, ceiling, etc.) can support the combined weight of the speaker, bracket, and hardware.

Use only fasteners suitable for the specific surface and orientation.

Never install the product on unstable, damaged, or vibrating structures.

The mounting surface must support at least four times the total weight of the system.

Do not use damaged products or hardware.

Ensure that all mounting points can support the required load.

4.2. Wall mounting using CUE-Bracket

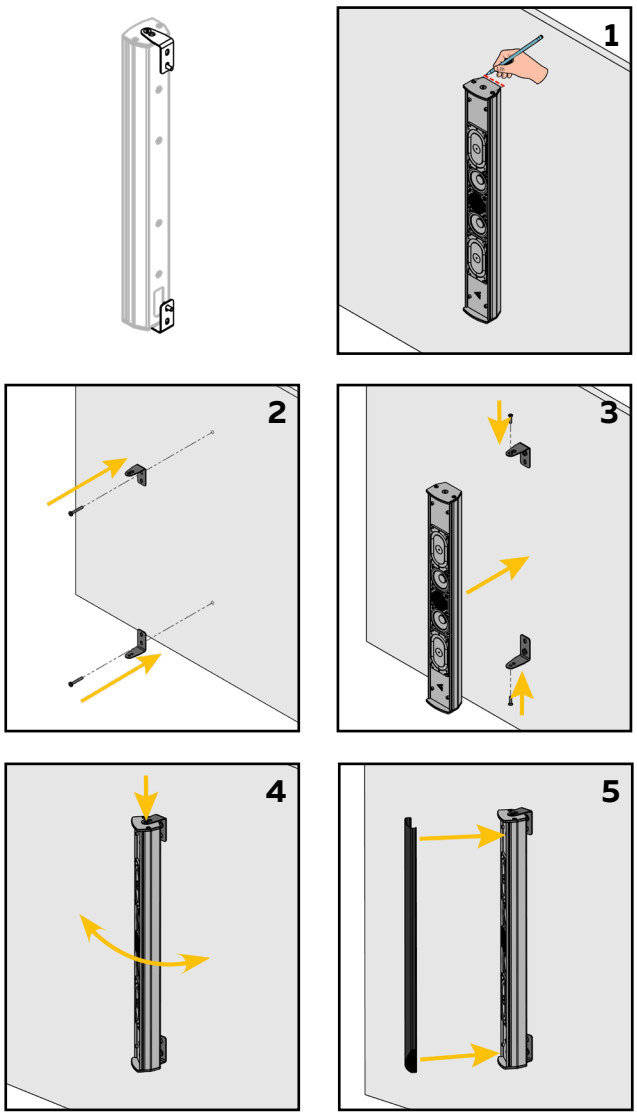
1. Place the CUE speaker against the wall and make markings on the top and bottom of the body.

2. According to the markings, screw the brackets to the wall with the ears outwards using screws.

3. Install the speaker between the brackets so that the holes match, and screw it to them using screws.

4. Rotate the speaker to the desired panoramic angle and secure the screws.

5. Position the grille on the front of the speaker. The grille attaches magnetically.



4.3. Wall mounting using the CUE-WRM bracket

1. Disconnect the bracket adapter from the wall bracket. To do this, unscrew the upper bolt completely, but not the lower one completely, and remove the adapter.

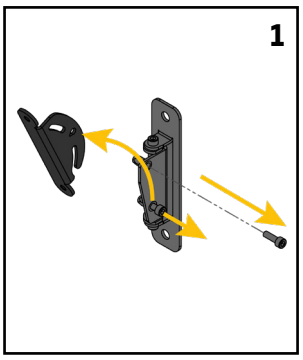
2. Install the adapter on the CUE speaker and tighten the screws.

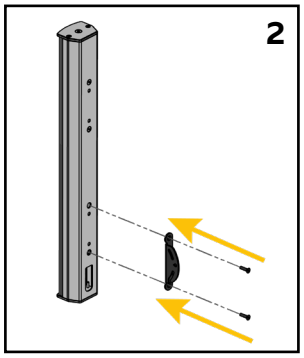
3. Screw the CUE-WRM wall bracket to the wall with screws at the installation location.

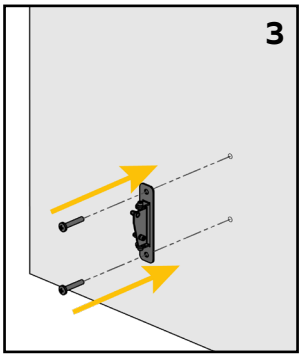
4. Place the speaker with the adapter on the bracket bolt and align the upper holes. Tighten the bolt that you unscrewed in step 1.

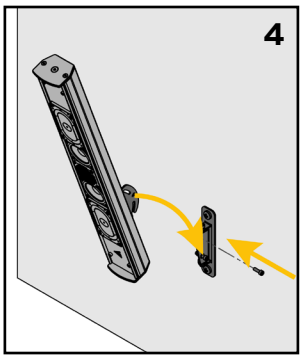
5. Tilt the CUE speaker to the desired angle and secure the bolts.

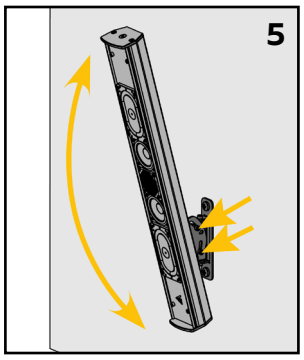
6. Position the grille on the front of the speaker. The grille attaches magnetically.

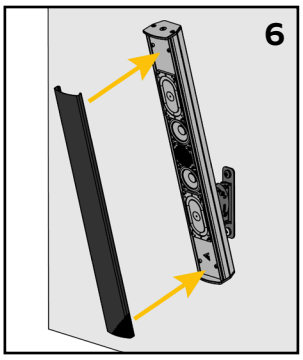












4.4. Wall mounting CUE-i series

1. Screw the CUE-i speaker to the wall with screws at the installation location.

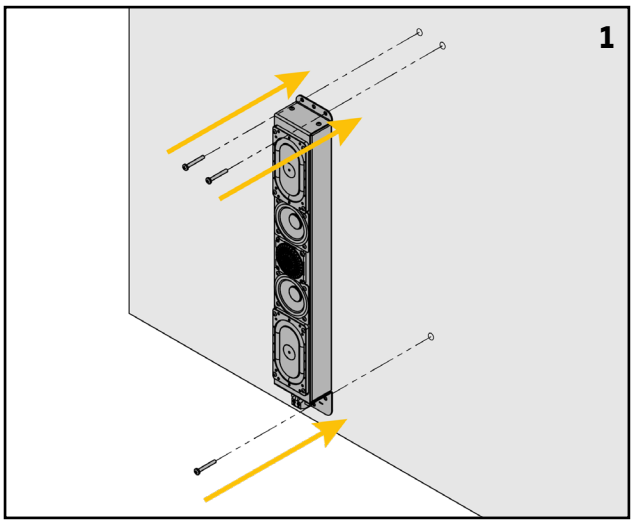
2. To install the CUE-i speaker, create a rectangular wall cutout measuring at least:

CUE Si - 63 × 456 mm;

CUE Mi - 63 × 572 mm;

CUE Li - 63 × 902 mm.

The required depth minimum is 45 mm. Perform actions similar to point 1.



4.5. Wall mounting of the CUE SUB

1. Disconnect the subwoofer from the mount. To do this, turn the lower bolts and remove the subwoofer with the legs from the grooves.

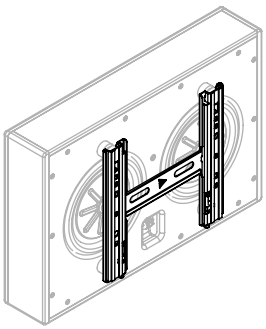
2-3. Install the mount on the wall using screws in the appropriate horizontal or vertical position.

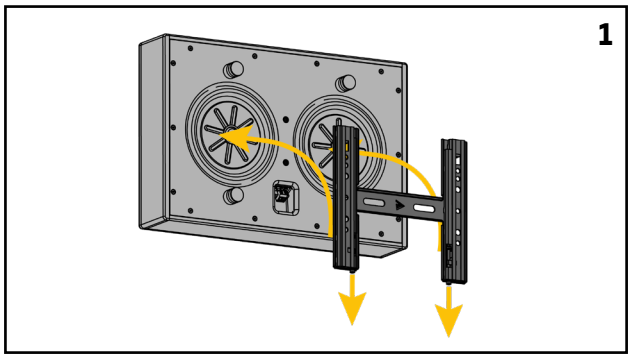
4-5. Insert the subwoofer legs into the corresponding grooves of the mount until they stop.

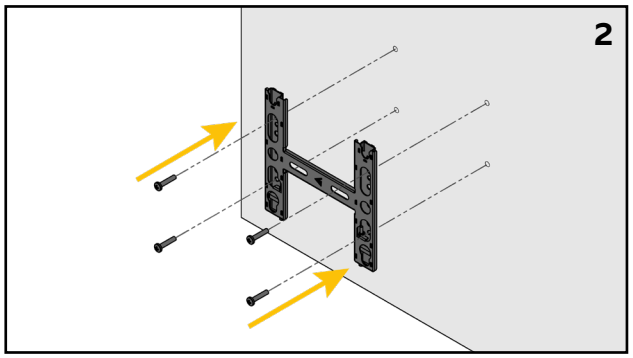
Please note that when installing horizontally, the subwoofer connector should be from below, and when installing vertically, the subwoofer connector should be on the side of the fixing screws.

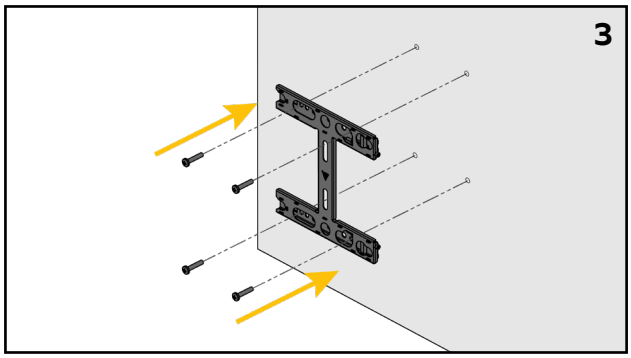
WARNING! Do not install the subwoofer with the connector facing the other way!

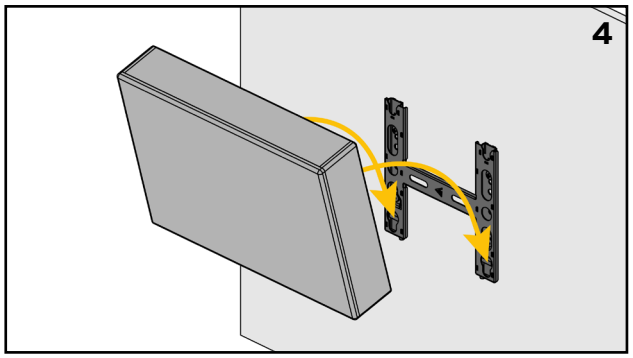
6-7. Turn the bolts to securely fix the subwoofer.

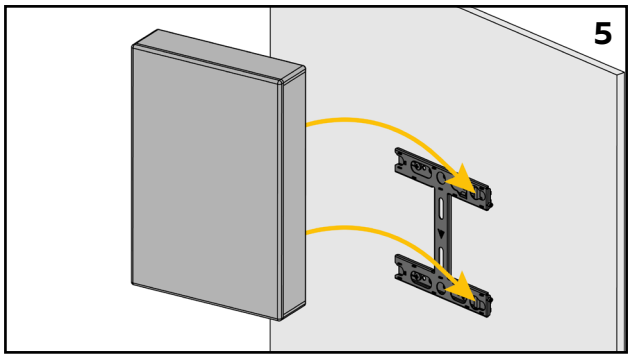


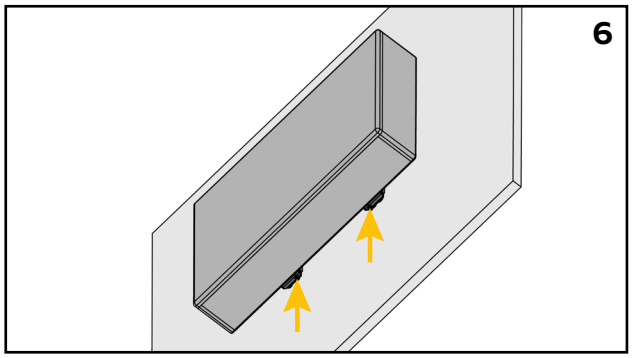


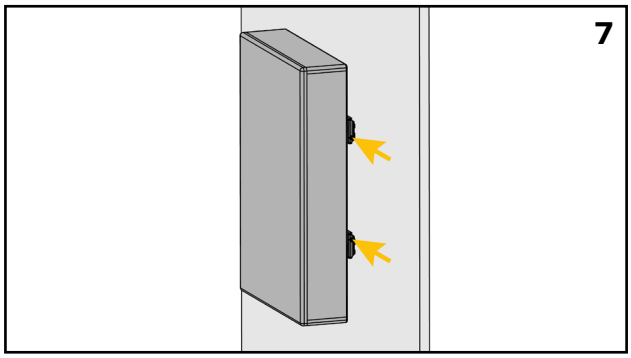






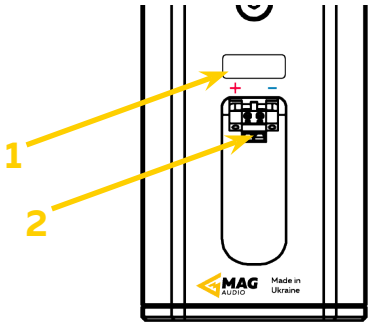




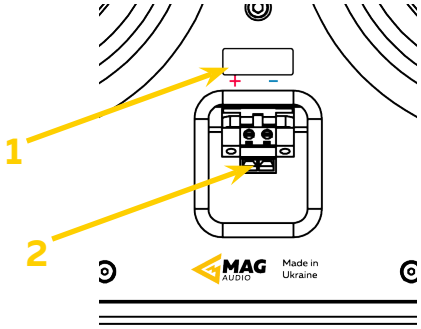


4.6. Passive loudspeakers

CUE series speaker's Phoenix connection

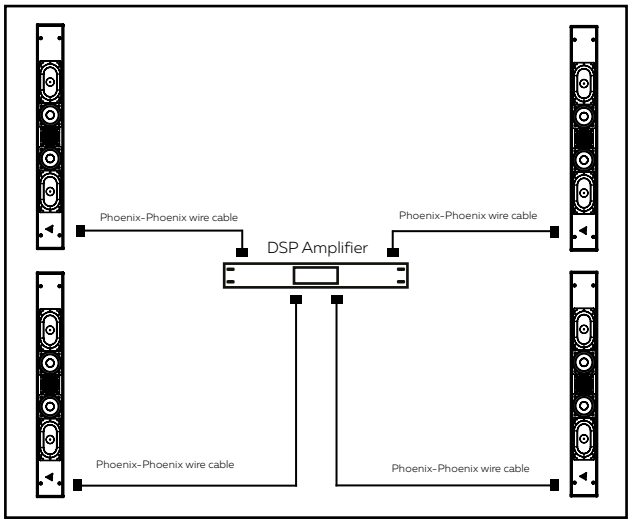


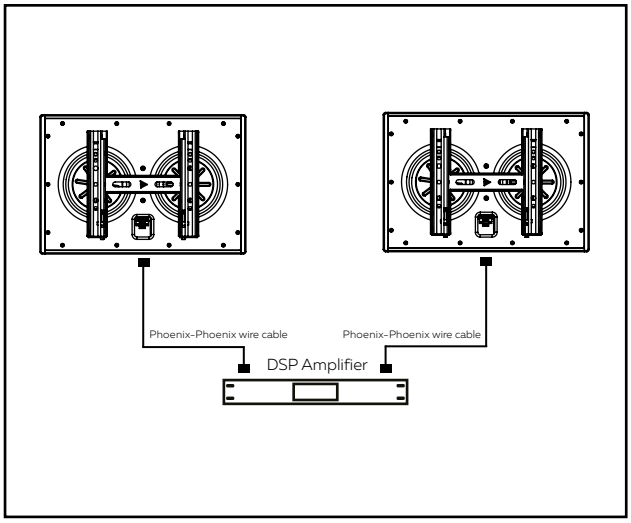
CUE SUB Phoenix connection



1. SERIAL NUMBER FIELD: Sticker with the systems serial number is located here. NEVER REMOVE THE SERIAL NUMBER STICKER FROM THE SYSTEM, AS IT IS AN IMMEDIATE WARRANTY VOID.

2. INPUTS TERMINAL: The pair of screw terminals. Use this connectors to connect power amplifier and to feed the signal to the parallel system (optional).





4.6.1. Passive speaker connections

Use power amplifier with DSP or power amplifiers with external speaker processor with CUE series systems.

MAKE SURE TO USE HIGH PASS FILTER FOR ALL CUE SERIES SYSTEMS TO PREVENT EXCESSIVE CONE MOVEMENT, RESULTING IN TRANSDUCER DAMAGE OR FAST DETERIORATION.

Ensure correct polarity when connecting speakers.

Recommended HPF settings, suggested power amplifier ratings, and connection pins:

System	Amplifier power	Amplifier impedance	Connection pins	Recommended HPF
CUE S	50 - 100 W	4 Ohm	+ -	80 Hz or higher, 18 dB/oct min
CUE M	100 - 200 W	8 Ohm	+ -	80 Hz or higher, 18 dB/oct min
CUE L	150 - 300 W	12 Ohm	+ -	60 Hz or higher, 18 dB/oct min
CUE Si	50 -100 W	4 Ohm	+ -	80 Hz or higher, 18 dB/oct min
CUE Mi	100 -2040 W	8 Ohm	+ -	80 Hz or higher, 18 dB/oct min
CUE Li	150 - 300 W	12 Ohm	+ -	60 Hz or higher, 18 dB/oct min
CUE SUB	400 - 800 W	8 Ohm	+ -	50 Hz or higher, 18 dB/oct min

5. Package contents

Check the complement of your CUE series system upon receiving the package.

5.1. Package contents of CUE series systems:

- CUE S - 1 pc;
- Polyethylene bag - 1 pc;
- Carton box - 1 pc.

- CUE M - 1 pc;
- Polyethylene bag - 1 pc;
- Carton box - 1 pc.

- CUE L - 1 pc;
- Polyethylene bag - 1 pc;
- Carton box - 1 pc.

5.2. Package contents of CUE-i series systems:

- CUE Si - 1 pc;- Polyethylene bag – 1 pc;
- Carton box - 1 pc.

- CUE Mi - 1 pcs;
- Polyethylene bag - 1 pc;
- Carton box - 1 pc.

- CUE Li - 1 pc;
- Polyethylene bag - 1 pc;
- Carton box - 1 pc.

5.3. Package contents of CUE SUB subwoofer:

- CUE SUB subwoofer - 1 pc;
- Polyethylene bag - 1 pc;
- Carton box - 1 pc.

6. Warranty and assistance

6.1. Product warranty

1. By this warranty MAG Audio grants that all equipment manufactured under the MAG Audio trademark is free from defects in material, components and factory workmanship under the normal use and maintenance for the time as specified below.

2. All warranty repairs and maintenance of MAG Audio products shall be carried out at MAG Audio production sites or by MAG Audio authorized personnel.

3. Warranty period for cone transducers, high frequency drivers and crossovers, whether sold separately or as a component of a speaker system, is 60 months from the production date.

4. Warranty period for enclosures, grills, connection plates and accessories, whether sold separately or as a component of a speaker system, is 60 months from the production date.

5. Warranty period for built-in power amplifiers, whether sold separately or as a component of a speaker system, is 36 months from the production date.

6. Warranty repairs or maintenance will be performed only if a) MAG Audio product was purchased from an official MAG Audio distributor / dealer and b) warranty card with specified serial number, production date, realization date, vendor's signature and stamp is presented.

7. Warranty shall not cover following: damage caused by accident, misuse or failure to follow exploitation rules stated in technical manual; repairs performed by non-authorized personnel; mechanical damage caused by shipping accidents and normal tear and wear.

8. Warranty shall not be applicable to any product with defaced, removed, or modified serial number.

9. If your MAG Audio product needs repairs or maintenance, contact your official MAG Audio distributor / dealer. Please do not ship your MAG Audio product without prior authorization.

6.2. Assistance

There are no user-serviceable parts in your device. Refer servicing to qualified technical personnel. In addition to in-house service department, MAG Audio supports the chain of distributors, authorized in repairs and service. If your device needs repair contact your MAG Audio dealer or distributor.

Occasionally, due to the nature of the failure, it might be necessary to return defective products to MAG Audio for repair. In this case, before shipping, please kindly contact your MAG Audio distributor or dealer, or MAG Audio directly. You will be provided the RMA number code and detailed instructions regarding your particular case. Please do not send products without a prior authorization.

Thank you for your understanding, cooperation and choice of MAG Audio products.

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