

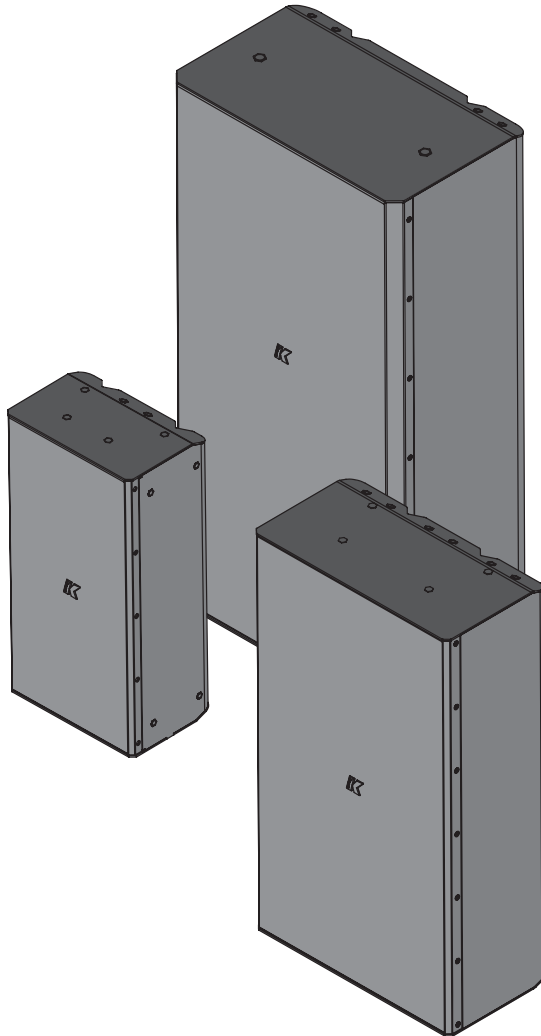
DOMINO-KF

Full-range compact passive stainless steel speakers

USER GUIDE



• 20241015 •



K-ARRAY
Unique Audio Solutions

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IMPORTANT SAFETY INSTRUCTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol alerts the user to the presence of recommendations about the product's use and maintenance.



The lighting flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated, dangerous voltage within the product enclosure that may be of magnitude to constitute a risk of electrical shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this guide.



Operator's manual; operating instructions

This symbol identifies the operator's manual that relates to the operating instructions and indicates that the operating instructions should be considered when operating the device or control close to where the symbol is placed.



For indoor use only

This electrical equipment is designed primarily for indoor use.



WEEE

Please dispose of this product at the end of its operational lifetime by bringing it to your local collection point or recycling center for such equipment.



This device complies with Restriction of Hazardous Substances Directive.



WARNING
Failure to follow these safety instructions could result in fire, shock or other injury or damage to the device or other property.

General heed and warnings

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Only use attachments/accessories specified by the manufacturer.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Clean the product only with a soft and dry fabric. Never use liquid cleaning products, as this may damage the products cosmetic surfaces.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Avoid placing the product in a location under direct sunlight or near any appliance that generates UV (Ultra Violet) light, as this may change the product surface finishing and cause a change in color.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus 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 apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- WARNING: Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery, etc.).
- Before turning the power on or off for all devices, set all volume levels to minimum.



This apparatus is intended for professional use.

Installation and commissioning may only be carried out by qualified and authorized personnel.

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- Use only speaker cables for connecting speakers to the speaker terminals. Be sure to observe the amplifier's rated load impedance particularly when connecting speakers in parallel. Connecting an impedance load outside the amplifier's rated range can damage the apparatus.
- K-array cannot be held responsible for damage caused by improper use of the loudspeakers.
- K-array will not shoulder any responsibilities for products modified without prior authorization.

CE Statement

K-array declares that this device is in compliance with applicable CE standards and regulations. Before putting the device into operation, please observe the respective country-specific regulations!



Trademark Notice

All trademarks are the property of their respective owners.

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Domino-KF26
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Domino-KF212

Thank you for choosing this K-array products!

To ensure proper operation, please carefully read the owner's manuals and safety instruction before using the products.

After reading this manual, be sure to keep it for future reference.

Should you have any questions about your new device please contact K-array customer service at support@k-array.com or contact the official K-array distributor in your country.

The Domino-KF is the unique full-rangespeakers family from K-Array that can be driven by any professional amplifier and with the three models Domino-KF26, Domino-KF210 and Domino-KF212, is the perfect solution for applications with subwoofer restrictions.

The Domino-KF, are stainless steel closed box with passive radiator. Two coaxial neodymium magnet woofers driven by a dedicated passive crossover filter make it the any Dommino-KF a full-range a passive filter on-board frequency response and a passive filter on-board, and with the possibility to select the impedance value, they are perfect for maximize performances.

The Domino-KFC26 is equipped with a 6" woofer with a neodymium magnet, a 1.1" tweeter, and an additional passive radiator. This construction, along with a wider audio coverage, makes it perfect for cinema applications, even in those installations that required in ceiling mounting speakers.

With the marine version Domino-KFC26M, the speaker can resist oxidation and caused by salt water and this can be perfect for marine applications.

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Key Features

- Impressive diminutive depth and lightweight form
- Compatible with any amplifier without dedicated presets
- 2x Neodymium magnet drivers coaxially mounted and a passive radiator
- Made of highly resistant and durable stainless steel
- Selectable impedance
- Wide horizontal and vertical coverage
- Dedicated accessories for wall-mounting included
- Recessed installation with optional in-wall mounting frame
- Suitable for home cinema applications thanks to high SPL and fixed 8Ω impedance with the Domino-KFC26 model.
- Suitable for marine applications thanks to an epoxy-based cataphoresis treatment and dedicated K-KUIP accessory included with the Domino-KFC26M model

Domino-KF26

- 6" + 2" neodymium magnet woofers coaxially mounted
- 6" passive radiator
- Full range emission with 90° horizontal and vertical coverage
- Selectable impedance 8 Ω / 32 Ω
- 50Hz - 19 kHz (-6 dB) wide frequency response
- 115 dB (peak)
- Self-powered capabilities with dedicated accessory
- (WxHxD) 350 x 180 x 118 mm (13.8 x 7.1 x 4.6 in)

Domino-KFC26 / KFC26M

- 6" neodymium magnet woofer + 1.1" dome tweeter
- 6" passive radiator
- Wider full range emission with 140° horizontal and vertical coverage
- 50Hz - 19 kHz (-6 dB) wide frequency response
- 115 dB (peak)
- 2-PIN Euroblock connector
- Self-powered capabilities with dedicated accessory
- (WxHxD) 350 x 180 x 118 mm (13.8 x 7.1 x 4.6 in)
- Fixed 8Ω impedance

Domino-KF210

- 10" + 3 neodymium magnet woofers coaxially mounted
- 10" passive radiator
- Full range emission with 90° horizontal and vertical coverage.
- 50Hz - 19 kHz (-6 dB) wide frequency response
- 115 dB (peak)
- Selectable impedance 4 Ω / 16 Ω
- (W x H x D): 282 x 500 x 151 mm (11.1 x 19.7 x 5.9 in)

Domino-KF212

- Coax. 12" woofer + 1.7" compression driver
- 12" passive radiator
- 40Hz - 19kHz (-6dB)
- Fixed 8Ω impedance
- 35 Hz - 150 Hz (-6 dB) frequency response
- (WxHxD) 655 x 330 x 200 mm (25.8 x 13.0 x 7.9 in)
- Fixed 8Ω impedance

Unpacking

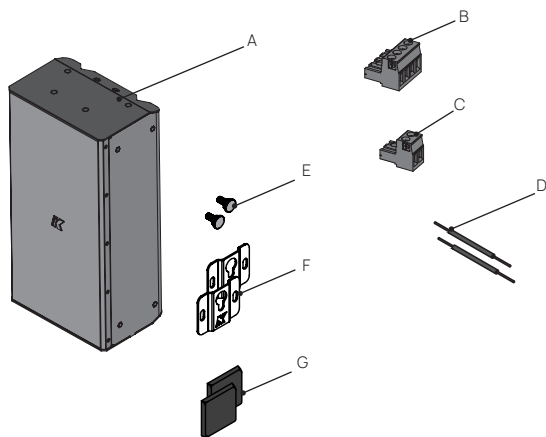
Package Contents

Each K-array product is built to the highest standard and thoroughly inspected before leaving the factory.

Upon arrival, carefully inspect the shipping carton, then examine and test your new device. If you find any damage, immediately notify the shipping company.

- A. 1x Domino-KF full range speaker
- B. 1x 4PIN Euroblock, Phoenix 2,5/ 4-ST-5,08 compatible in Domino-KF26/KF26M, Domino-KF2102/KF210M, Domino-KF212/KF212M packages only.
- C. 1x 2PIN Euroblock Phoenix 2,5/ 4-ST-5,08 compatible in Domino-KFC26/KFC26M package only.
- D. 2x jumper cables
- E. 2x pivot screws for K-WALLUF2
- F. 2x K-WALLUF2 mount bracket
- G. 2x rubber spacers

* 2x in the Domino-KF26/KF26M/KF26C/KF26CM package
4x in the Domino-KF210/KF210M and Domino-KF212/KF212M package.



Positioning

Domino full-range speakers have an extended frequency response and can be used when restricted space conditions do not allow the use of subwoofers.

To have a coherent image and sound coverage, as point source full-range speakers they can be placed as follow:

- Position the speakers at a height where the tweeters align with ear level when in the seated listening position. This ensures an enhanced stereo image and an accurate frequency response.
- Avoid placing speakers directly against walls. Maintain a certain distance to minimize unwanted effects from acoustic reflections off surrounding surfaces.

As full range speakers they can be largely used in home entertainment and home cinema applications, including Dolby Surround and Atmos configurations.

Domino-KF26C has specially designed to be used in immersive surround configurations as surround 5.1 or Atmos configurations where they can be installed as surround channels or overheads.

All the Domino-KF are available in marine version as Domino-KFM. Thanks to special treatments and coating they are suitable for marine applications and when installed in demanding weather conditions they highly resist oxidation and are completely sealed from water infiltration.

For diverse outdoor applications that requires an elevate IP grade, all the Domino-KF speakers can be equipped with dedicated K-KUIP accessories, purchased separately.

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Wiring

Domino-KF26 / Domino-KF210 / Domino-KF212

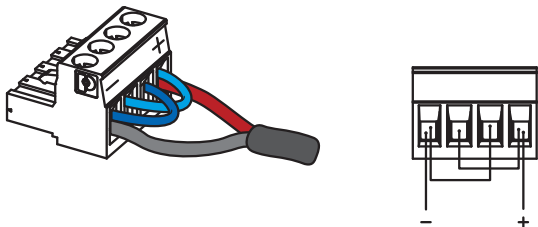
For easy connectivity and link, the Domino-KF full range speakers feature Euroblock 4 pin inlets, for Phoenix 2,5/ 4-ST-5,08 compatible flying plug.

In order to select the proper loudspeaker impedance, the four terminals of the flying plug shall be wired as described below.

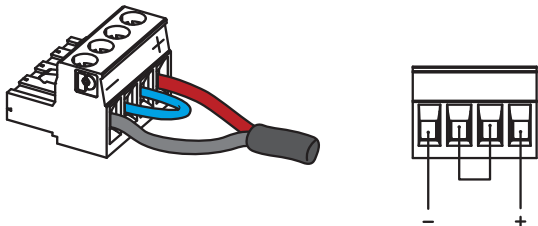
	LOW-Z	HIGH-Z
Domino-KF26	8 Ω	32 Ω
Domino-KF26C	FIXED - 8 Ω	/
Domino-KF210	8 Ω	32 Ω
Domino-KF212	FIXED - 8 Ω	/

Please note that Domino-KF212 has a fixed impedance of 8 Ω , be sure to follow the proper wiring configuration.

LOW Impedance Wiring



HIGH Impedance Wiring



Domino-KFC26

The Domino-KF26C and Domino-KF26CM full range speakers feature Euroblock 2 pin inlets, for Phoenix 2,5/2-ST-5,08 compatible flying plug. The speaker shall be wired as explained in the picture below. The impedance is set at 8 Ω fixed-Z.



Always check the loudspeaker impedance before connecting the amplifier.

Amplifier Channel Matching

The number of Domino-KF loudspeakers that can be connected in parallel to the same amplifier channel depends on the loudspeaker model, loudspeaker impedance and amplifier power.

The parallel connection lowers the total load impedance: caution must be taken to maintain the load impedance of the paralleled loudspeakers above the amplifier's minimum loading impedance.

Please refer to the [Amplifier-to-Speaker matching table](#) available on K-array website for details about the maximum number of loudspeakers that can be driven by a single amplifier channel.



Before connecting the speaker cable to the amplifier:

- ensure the loudspeaker impedance matches the amplifier channel rated load impedance, especially when connecting multiple loudspeakers in parallel;
- load the dedicated loudspeaker factory preset on the amplifier DSP.



Before driving the loudspeakers ensure to load the proper loudspeaker factory preset on Kommander-KA amplifier

Any Domino-KF loudspeaker has an on-board passive filter that automatically adjusts the frequency response and phase response of the speaker and can be match with any professional amplifier. It means that can be driven without the need of a dedicated preset.

Especially in this case, make sure to adhere to the correct wiring and the correct impedance configuration



The following installation procedures can be applied to both the Domino-KF26 I, the Domino-KF210 and the Domino-KF212 even if the pictures show the Domino-KF210 only.

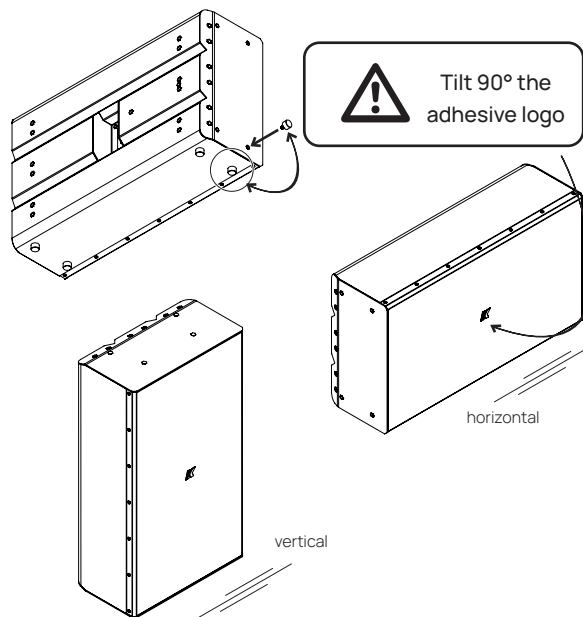
Installation

Domino-KF loudspeakers can be installed both as a free-standing device on any flat surface, or applique on the wall with dedicated brackets that are included in the package or with mounting accessories that can be purchased separately.

With the dedicated mounting frame, the Domino-KF26/KF26C/ KF26M, Domino-KF210 and Domino-KF212 can be installed in a recessed position, either in-wall and in-ceiling.

Free-Standing Installation

The Domino-KF feature four rubber feet screwed on the bottom side. The rubber feet can be adjusted along the four M4 threaded holes located on the sides of the loudspeaker, allowing the user to tilt the speaker for vertical free-standing.

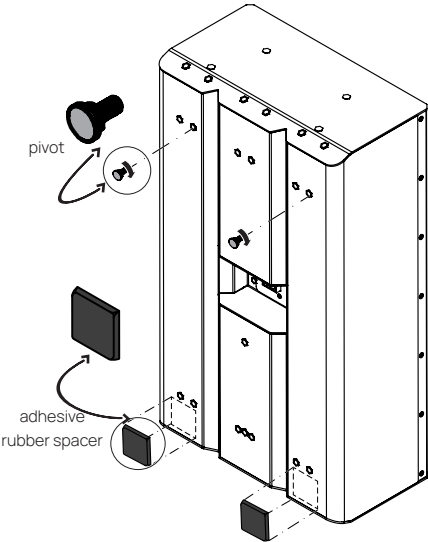


Applique Installation On-Wall

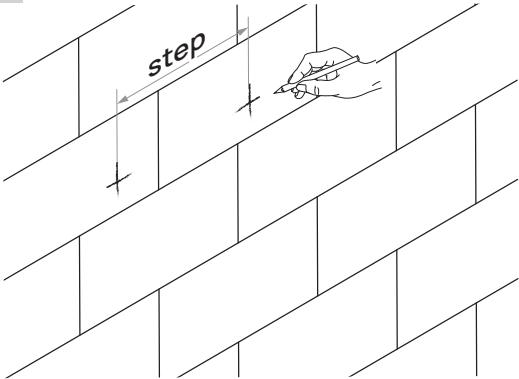
The pivots and K-WALLUF2 applique bracket accessories included in the package allows to install the Domino-KF applique on every flat surface.

- 1
- Screw the pivots on the back threaded holes.

Stick the adhesive rubber spacers close to the bottom side of the loudspeaker.

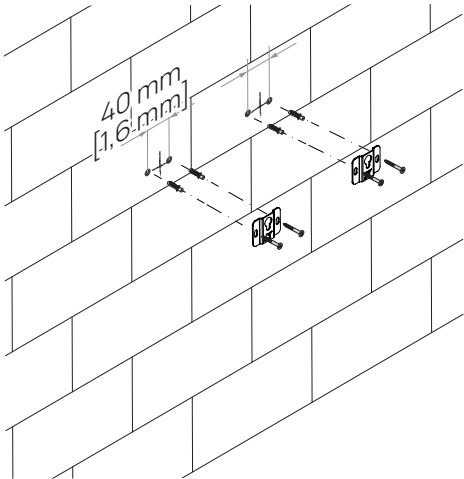


- 2
- Sign on the surface the step between the hanging points:

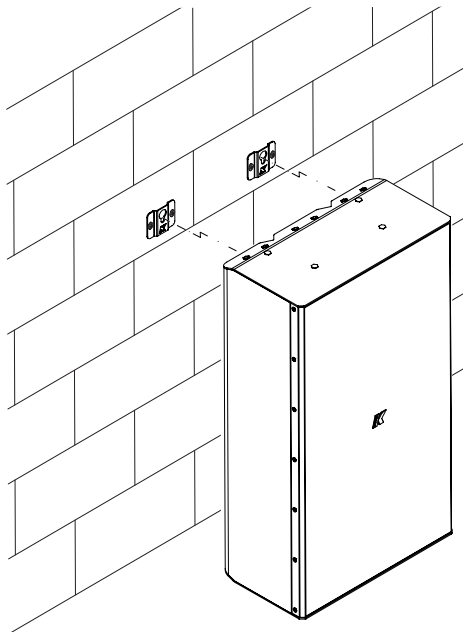


	Vertical	Horizontal
Domino-KF26	-	224 mm (8,8 in)
Domino-KF210	202mm (7,9 in)	374 mm (14,7 in)
Domino-KF212	262mm (10,3in)	529 mm (20,8 in)

- 3
- Drill the holes for the and secure them to the surface.



4 Install the Domino-KF loudspeaker



In-wall mounting accessories

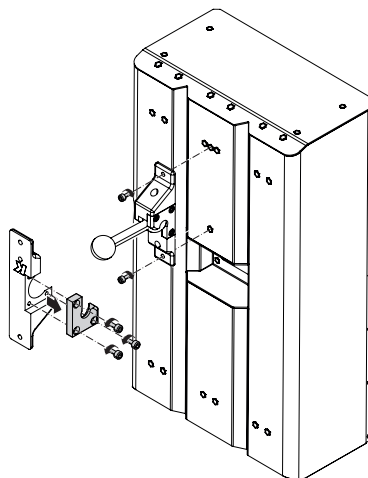
K-WALL2 / K-WALL2L

Any Domino- KF can be mounted on-wall and tilted with two dedicated mounting brackets that can be purchased separately, K-WALL2 and K-WALL2L. To mount the Domino-KF on wall please follow this procedure. More information about K-WALL2 and K-WALL2L assembling can be found here: [Accessories Assembly For Column Speakers](#) on K-array website



Installation with K-WALL2

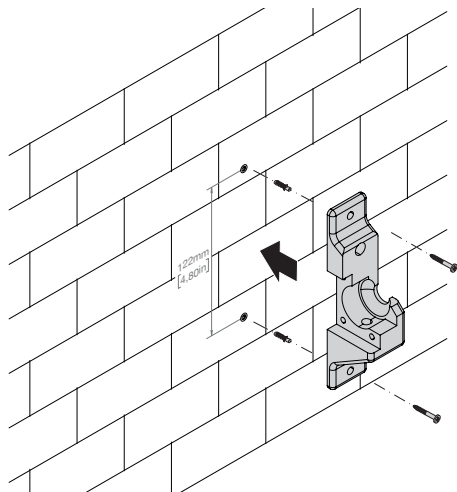
- A** Disassemble the K-WALL2 by removing the lateral plate of the bracket to be fixed on the surface.
- B** Assembly the bracket to the loudspeaker.



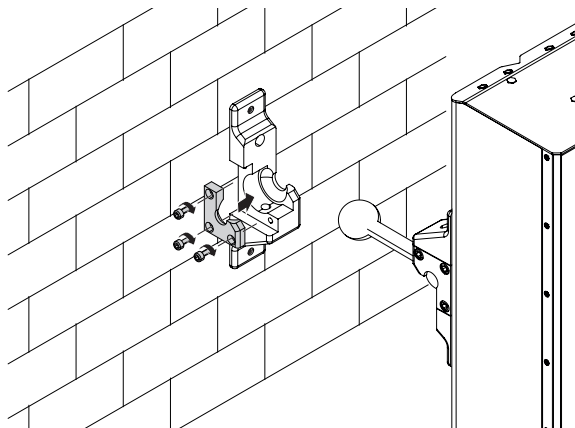
DOMINO-KF

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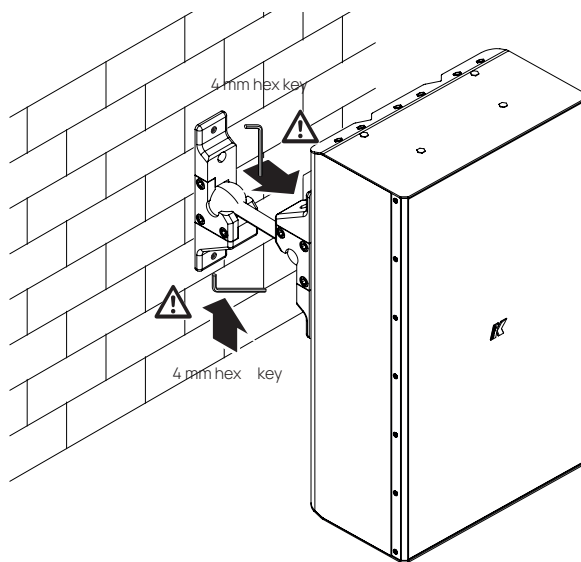
- C** Drill two holes on the surface 122 mm (4.80 in) apart and install the bracket.



- D** Match the two parts of the bracket and fix them by assembling the lateral plate of the one attached to the wall.

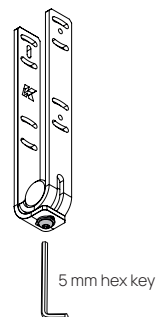


- D** Tight the blocking screws of the bracket at both the loudspeaker side and wall side. Domino-KF is finally installed on the wall.

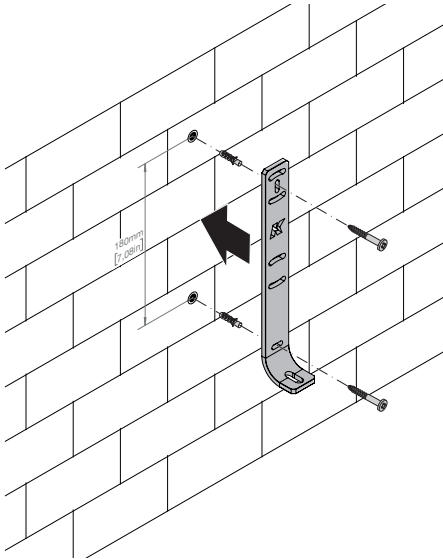


Installation with K-WALL2L

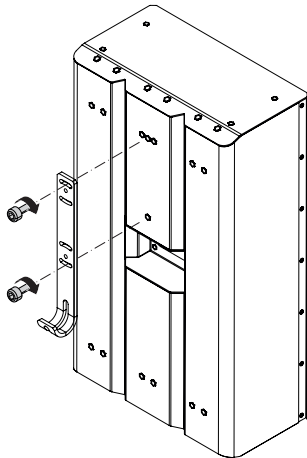
- 1** Disassemble the K-WALL2L by removing the bottom screw of the bracket to be fixed on the surface.



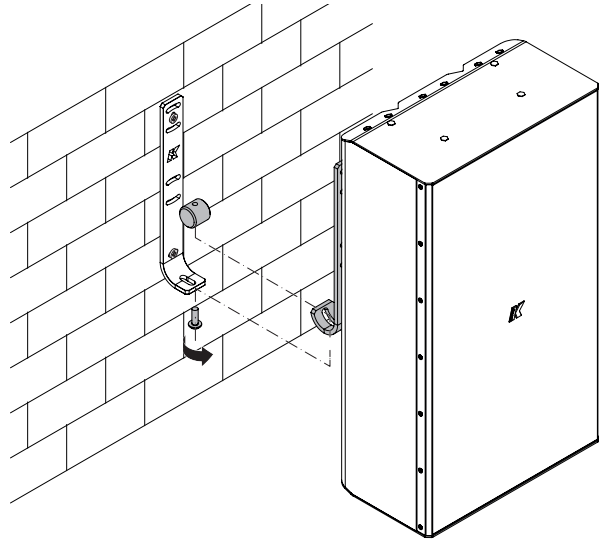
- 1** Drill two holes on the surface 180 mm (7.08 in) apart and install the bracket with the K-shaped hole.



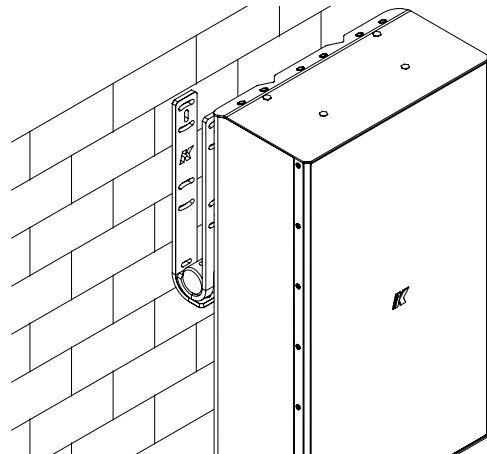
- 3** Assembly the bracket to the loudspeaker.



- 4** Match the two parts of the bracket and fix them.



- 6** The Domino-KF is finally installed with the K-WALL2L



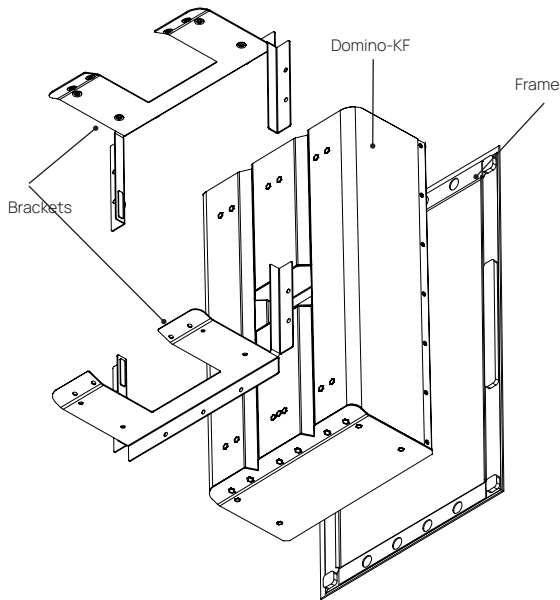
DOMINO-KF

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Recessed Installation In-Wall/In-Ceiling

Mounting frame for in-wall (recessed) installation are available for the Domino-KF26, Domino-KF26C Domino-KF210 as separated accessories.

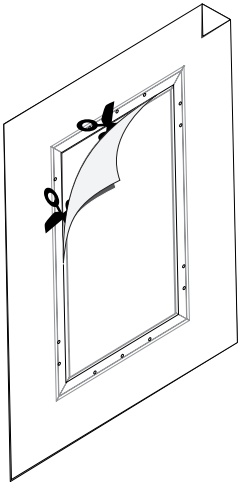
	in-wall mounting accessory name
Domino-KF26/ KF26C/KF26M	K-WF26
Domino-KF210	K-WF210
Domino-KF212	not available



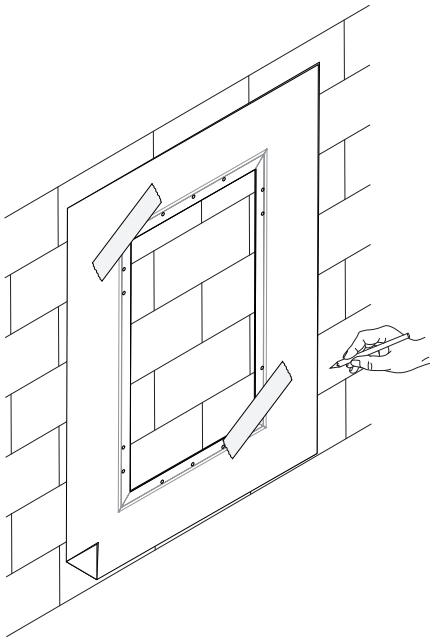
- 1 Before starting assembling the mounting frame, download and print the drilling template for your Rumble-KU subwoofer, in order to cut the surface of the recess.

	Mounting accessory download page
Domino-KF26/ KF26C/KF26M	https://www.k-array.com/en/accessory/k-wf26
Domino-KF210	https://www.k-array.com/en/accessory/k-wf210

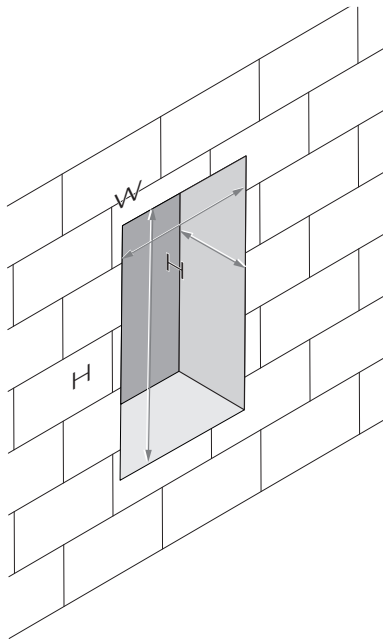
- 2 Cut the drilling template following the instructions printed on it.



- 3** Apply the drilling template to the mounting surface and draw the cutting edges of the recess.



- 4** Cut the recess.

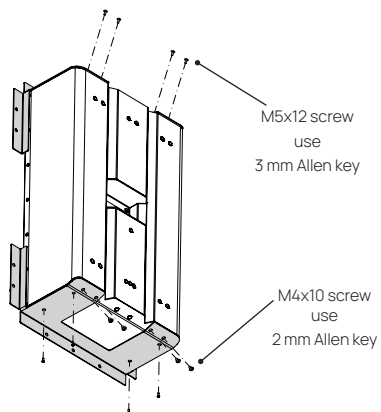


	H	W	D (min)
Domino-KF26/ KF26C/KF26M	361 mm (14,21 in)	193 mm (7,59 in)	123 mm (4,84 in)
Dmino-KU210	511 mm (20,11 in)	297 mm (11,69 in)	155 mm (6,10 in)

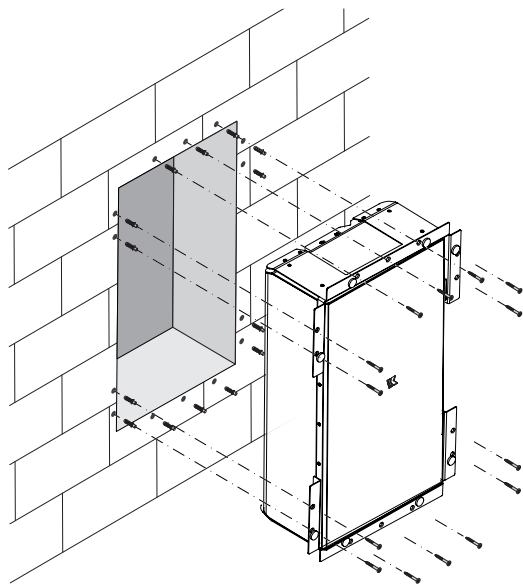
DOMINO-KF

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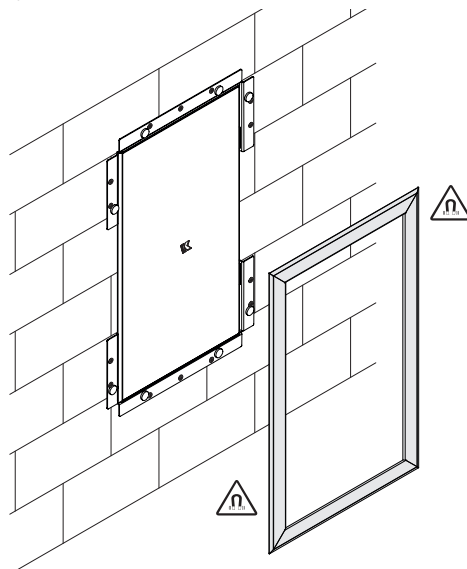
- 5** Fix the brackets to the Domino-KF sides.



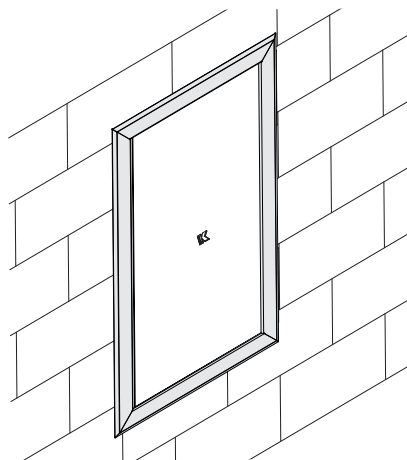
- 6** Install the assembly composed by the Domino-KF loudspeaker and the brackets on the recess.



- 6** Apply the magnetic frame on top of the recessed Domino-KF loudspeaker. The recessed installation is complete

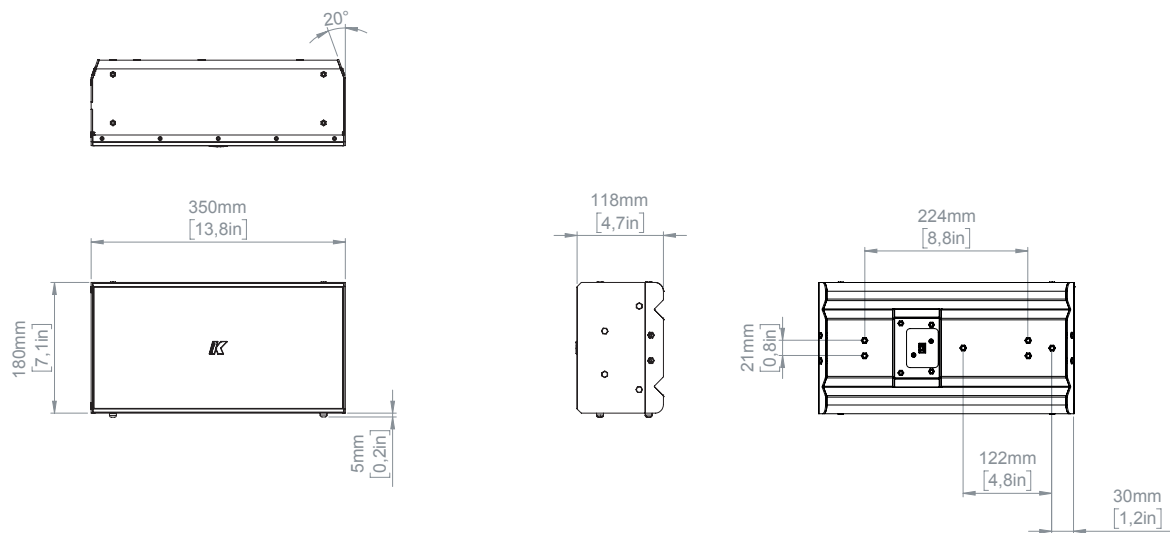


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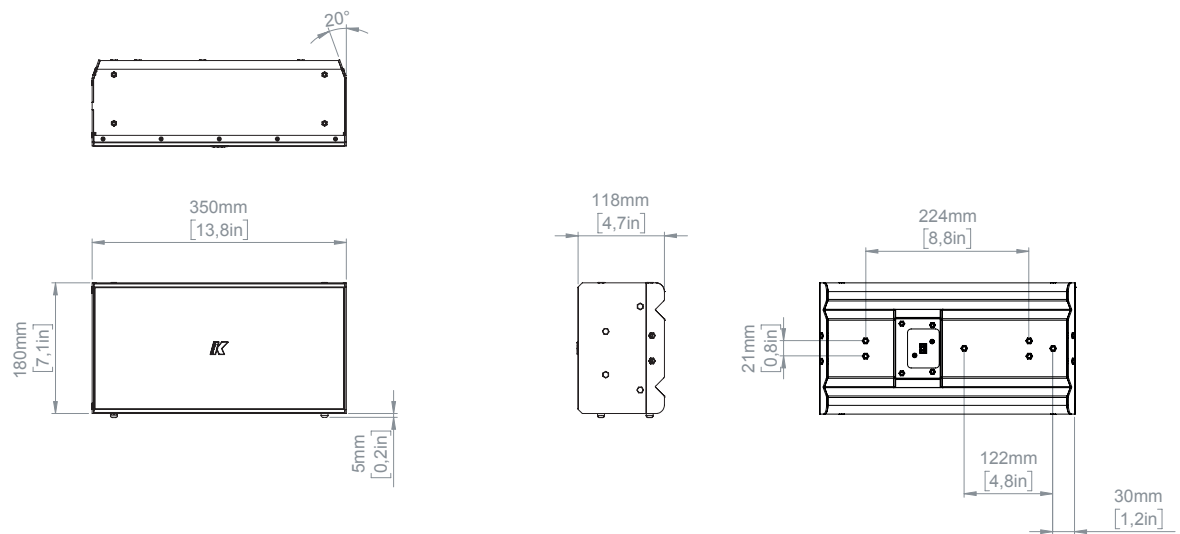


Mechanical Drawings

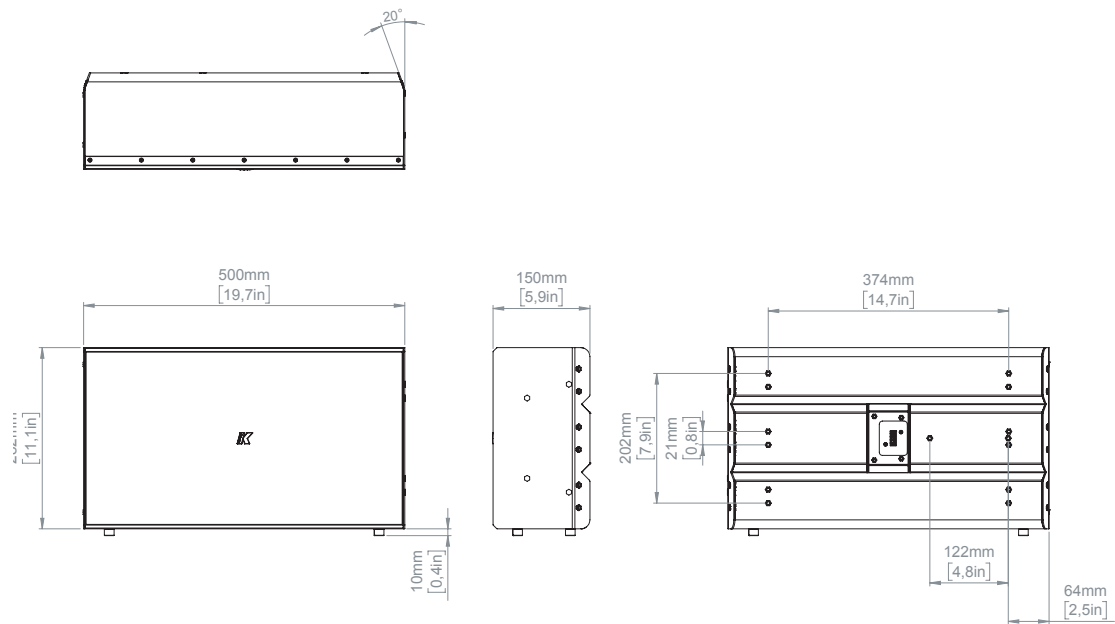
Domino-KF26



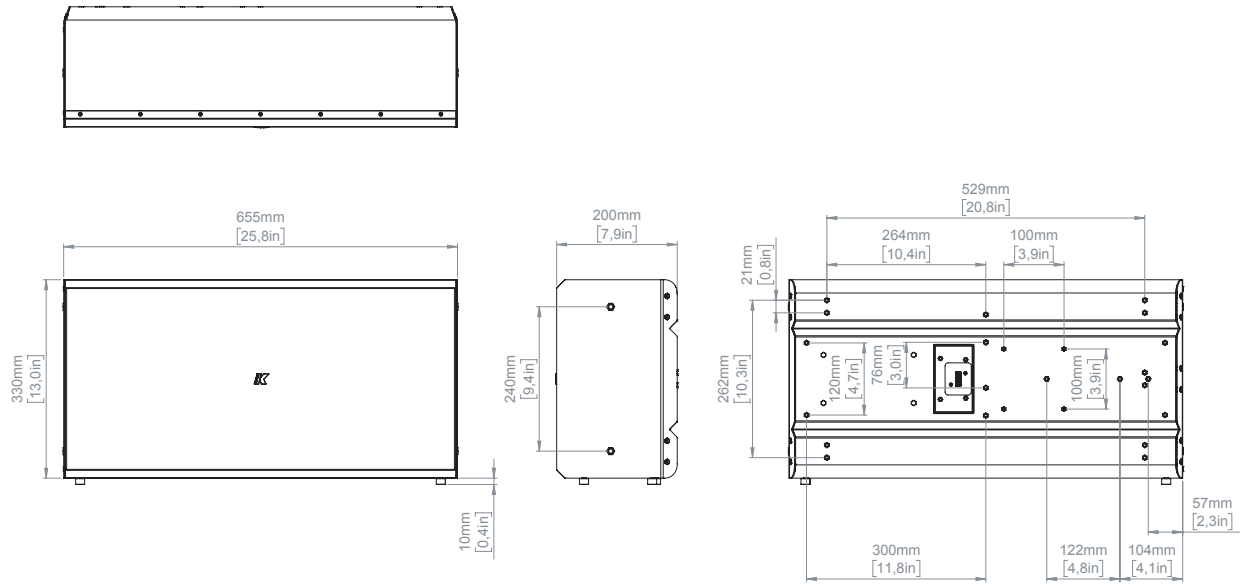
Domino-KFC26



Domino-KF210



Domino-KF212



Domino-KF26

Technical specifications	
Type	Point source
Transducers	6" neodymium magnet woofer 2" neodymium magnet woofer 6" passive radiator
Frequency Response ¹	50 Hz - 19kHz (-6 dB)
Max SPL ²	115 dB (peak)
Rated Power	160 W
Coverage	V.90° / H.90°
Nominal Impedance	8 Ω / 32 Ω selectable
Connectors	4PIN Euroblock connector - Phoenix 2,5/ 4-ST-5,08 compatible

Handling & Finishes	
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
Dimensions (WxHxD) ³	180 x 350 x 118 mm (7.1 x 13.8 x 4.6 in)
Weight	6.5 kg (14.3 lb)

¹ With dedicated preset.

² Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m.

³ Brackets not included in measures.

Domino-KFC26

Technical specifications	
Type	Point source
Transducers	6" neodymium magnet woofer 1.1" dome tweeter 6" passive radiator
Frequency Response ¹	50 Hz - 19kHz (-6 dB)
Max SPL ²	115 dB (peak)
Rated Power	160 W
Coverage	V.140° / H.140°
Nominal Impedance	8 Ω
Connectors	2PIN Euroblock connector - Phoenix 2,5/ 2-ST-5,08 compatible

Handling & Finishes	
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
Dimensions (WxHxD) ³	180 x 350 x 118 mm (7.1 x 13.8 x 4.6 in)
Weight	6.5 kg (14.3 lb)

¹ With dedicated preset.

² Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m.

³ Brackets not included in measures.

Domino-KF210

Technical specifications	
Type	Point source
Transducers	10" neodymium magnet woofer 3" neodymium magnet woofer 10" passive radiator
Frequency Response ¹	50 Hz - 19kHz (-6 dB)
Max SPL ²	115 dB (peak)
Rated Power	320 W
Coverage	V.90° / H.90°
Nominal Impedance	4 Ω / 16 Ω selectable
Connectors	4PIN Euroblock connector - Phoenix 2,5/ 4-ST-5,08 compatible

Handling & Finishes	
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
Dimensions (WxHxD) ³	282 x 500 x 151 mm (11.1 x 19.7 x 5.9 in)
Weight	12 kg (26.5 lb)

¹ With dedicated preset.

² Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m.

³ Brackets not included in measures.

Domino-KF212

Technical specifications	
Type	Point source
Transducers	Coax 12" woofer 1.7" compression driver 12" passive radiator
Frequency Response ¹	40Hz - 19kHz (-6 dB)
Max SPL ²	115 dB (peak)
Rated Power	700 W
Coverage	V.60° / H.90°
Nominal Impedance	8Ω
Connectors	4PIN Euroblock connector - Phoenix 2,5/ 4-ST-5,08 compatible

Handling & Finishes	
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
Dimensions (WxHxD) ³	282 x 500 x 151 mm (11.1 x 19.7 x 5.9 in)
Weight	23.5 kg (51.8 lb)

¹ With dedicated preset.

² Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m.

³ Brackets not included in measures.

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Designed and Made in Italy

K-ARRAY surl

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