

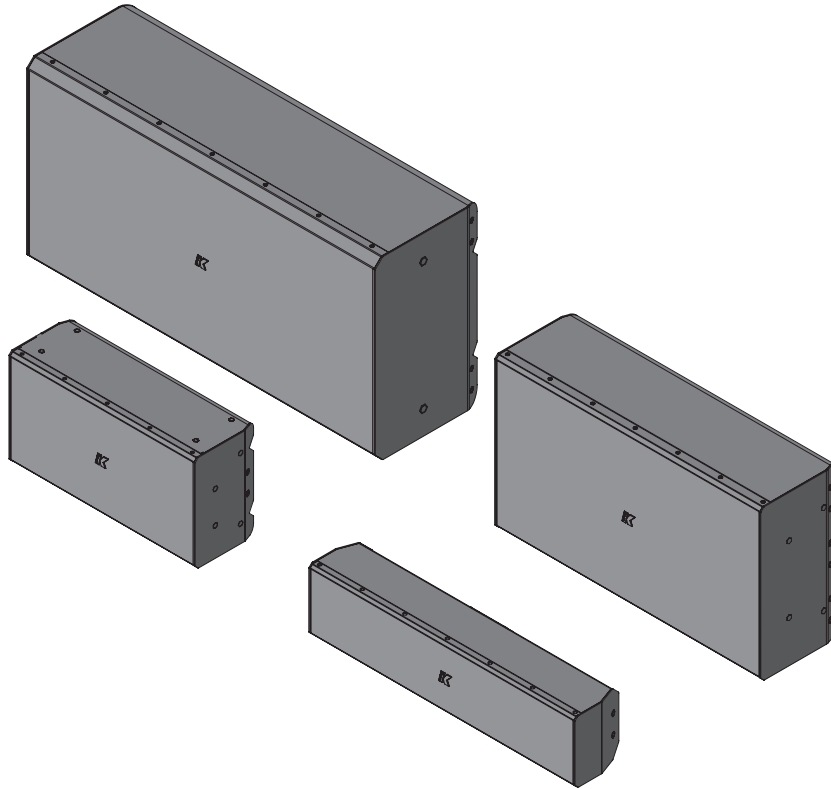
Rumble-KU

Stainless steel passive subwoofers

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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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.

Rumble-KU are the original K-array ultra-compact, yet powerful bass systems made entirely of steel, making them extremely resistant, even when deployed outside in tough weather conditions. The family comprises KU26, KU44, KU210 and KU212, all boast extended low-frequency response and are electronically protected.

All Rumble-KU are engineered for maximum linear excursion and minimum residual noise boasting extended low-frequency response and having selectable impedance.

The use of passive radiators, rather than having reflex openings, makes any Rumble subwoofer completely sealed off from foreign objects and particularly suitable for outdoor applications. Engineered to hide from sight without compromising on high-quality audio performance.

The Rumble line is the perfect companion to the K-array Lyzard, Vyper, Tornado and Anakonda speakers. The combination provides full-range frequency response with exceptional output and a virtually invisible profile.

Key Features

- High performance for a small form factor
- Made of highly resistant and durable stainless steel
- Premium finishes and customization
- Double voice coil and selectable impedance
- Dedicated accessories for wall-mounting included
- Recessed installation with optional in-wall mounting frame

Rumble-KU44 I

- 2x 4" long-excursion woofers
- 2x 4" passive radiators
- Selectable impedance 8 Ω / 32 Ω
- 45 Hz - 150 / 500 Hz (-6 dB) extended frequency response
- (WxHxD) 500 x 116 x 100 mm (19.7 x 4.6 x 4.0 in)

Rumble-KU26

- 6" long-excursion woofer
- 6" passive radiator
- Selectable impedance 8 Ω / 32 Ω
- 45 Hz - 150 / 500 Hz (-6 dB) extended frequency response
- Self-powered capabilities with dedicated accessory
- (WxHxD) 350 x 180 x 118 mm (13.8 x 7.1 x 4.6 in)

Rumble-KU210

- 10" long-excursion woofer
- 10" passive radiator
- Selectable impedance 4 Ω / 16 Ω
- 40 Hz - 150 Hz (-6 dB) frequency response
- (WxHxD) 500 x 282 x 151 mm (19.7 x 11.1 x 5.9 in)

Rumble-KU212

- 12" long-excursion woofer
- 12" passive radiator
- Selectable impedance 4 Ω / 16 Ω
- 35 Hz - 150 Hz (-6 dB) frequency response
- (WxHxD) 655 x 330 x 200 mm (25.8 x 13.0 x 7.9 in)

Unpacking

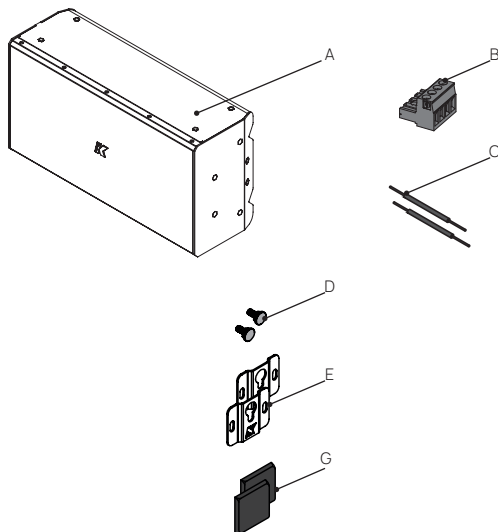
Each K-array product is built to the highest standard and thoroughly inspected before leaving the factory.

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 Rumble-KU subwoofer
- B. 1x 4PIN Euroblock, Phoenix 2,5/ 4-ST-5,08 compatible
- C. 2x Jumper wires
- D. 2x Pivot screws x K-WALLUF2
- E. 2x K-WALLUF2 mount brackets - Applique brackets
- F. 2x Adhesive rubber spacers

* 2x in the Rumble-KU26/KU210/KU212 package

4x in the Domino-KF210/KF210M and Domino-KF212/KF212M package.



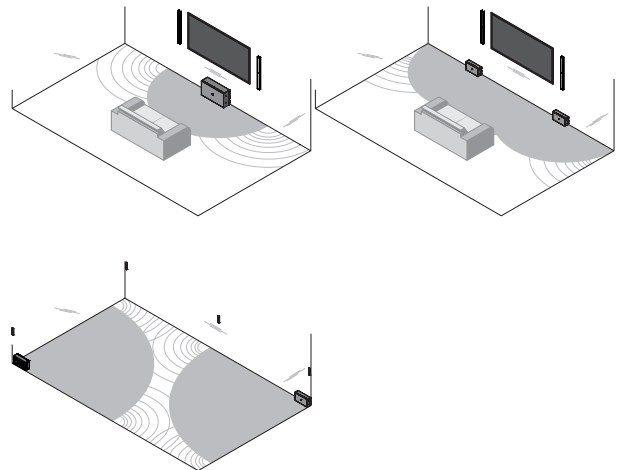
Positioning

Rumble-KU subwoofers are designed to extend the frequency response of K-array line array and point source loudspeakers.

As subwoofers are fundamentally omnidirectional sound emitters, they can be positioned in nearly any position between the high/mid speakers. Since subwoofer performance is influenced by its interaction with the specific space, there isn't a universal solution.

Subwoofer placement in front of the listening position is the most common: symmetry is usually welcome, even if not mandatory, especially in configurations of widely distributed loudspeakers.

When placed directly in a corner or up against a wall, the sound bouncing off the floor and walls enhance the subwoofer emission making it sound louder.



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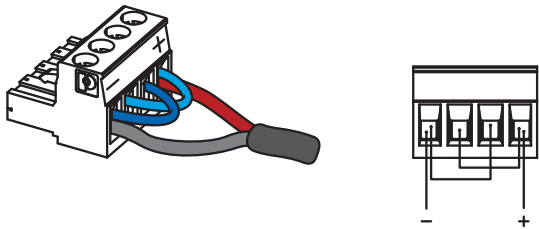
Wiring

For easy connectivity and link, the Rumble-KU subwoofers feature Euroblock 4 pin inlets, for Phoenix 2,5/4-ST-5,08 compatible flying plug.

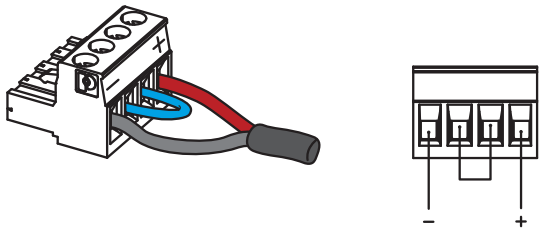
In order to select the proper loudspeaker impedance, the four terminals of the flying plug shall be wired as described below.

	LOW-Z	HIGH-Z
Rumble-KU44 I	8 Ω	32 Ω
Rumble-KU26	8 Ω	32 Ω
Rumble-KU210	4 Ω	16 Ω
Rumble-KU212	4 Ω	16 Ω

LOW Impedance Wiring



HIGH Impedance Wiring



Amplifier Channel Matching

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



Always check the loudspeaker impedance before connecting the amplifier.

The parallel connection lowers the total load impedance: caution must be taken to maintain the load impedance of the paralleled subwoofers 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 subwoofer 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

Installation

Rumble-KU subwoofers can be installed both as a free-standing device on any flat surface, or applique on the wall.

With the dedicated mounting frame accessory, the Rumble-KU44I, Rumble-KU26 and Rumble-KU210 can be installed in a recessed position, either in-wall and in-ceiling.

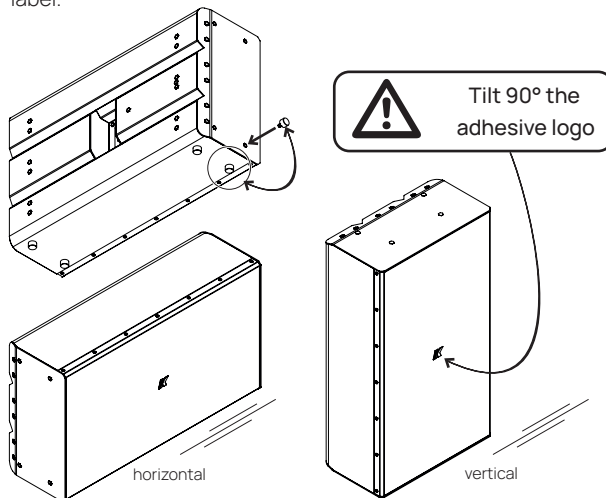


The following installation procedures can be applied to both the Rumble-KU44 I, the Rumble-KU26 and the Rumble-KU210 even if the pictures show the Rumble-KU210 only.

Free-Standing Installation

The Rumble-KU subwoofers feature four rubber feet screwed on the bottom side. The rubber feet can be adjusted along the four M4 threaded holes located on the right side of the loudspeaker, allowing the user to tilt the subwoofer for vertical free-standing.

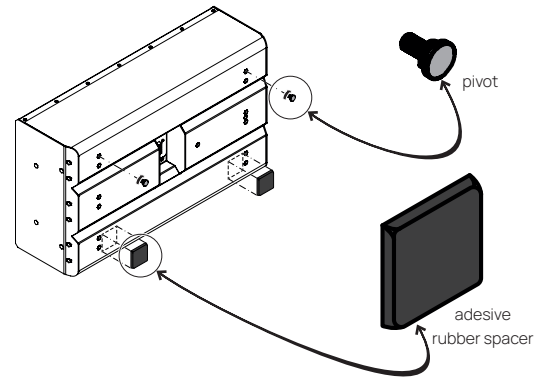
When installed in vertical position, the front K-array logo shall be rotated accordingly. The front K-array logo is an adhesive label.



Applique Installation On-Wall

The pivots and K-WALLUF accessories included in the package allows to install the Rumble-KU applique on every flat surface.

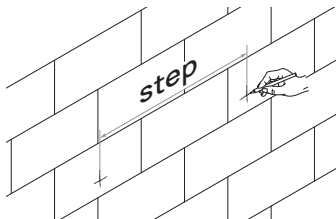
- 1 Screw the pivots on the back threaded holes. Stick the adhesive rubber spacers close to the bottom side of the loudspeaker.



Rumble-KU

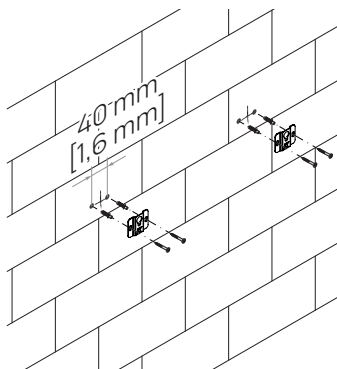
User Guide

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

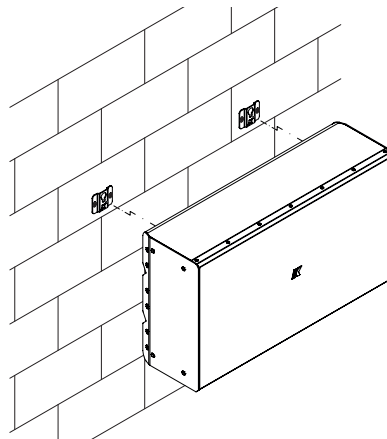


	Horizontal	Vertical
Rumble-KU44 I	356 mm (14,0 in)	-
Rumble-KU26	224 mm (8,8 in)	-
Rumble-KU210	374 mm (14,7 in)	202 mm (7,9 in)
Rumble-KU212	529 mm (20,8 in)	262 mm (10,3 in)

- 3** Drill the holes for the KU Applique brackets and secure them to the surface.



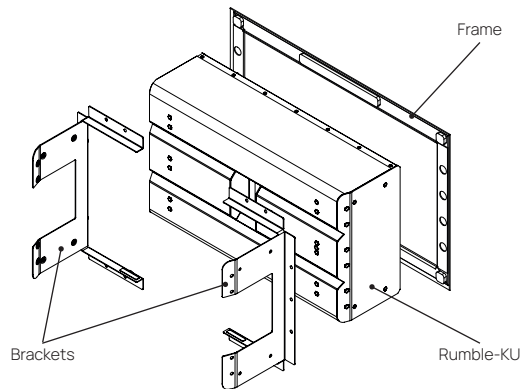
- 4** Install the Rumble-KU subwoofer.



Recessed Installation In-Wall/In-Ceiling

Mounting frame for in-wall (recessed) installation are available for the Rumble-KU44 I, Rumble-KU26 and Rumble-KU210 subwoofers as separated accessories.

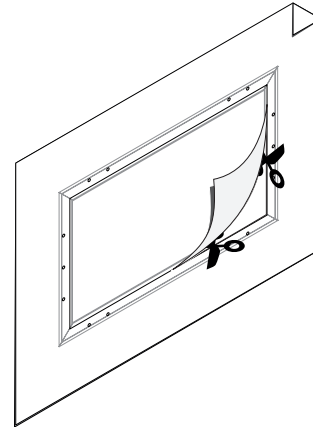
	in-wall mounting accessory name
Rumble-KU44 I	K-WF44
Rumble-KU26	K-WF26
Rumble-KU210	K-WF210
Rumble-KU212	not available



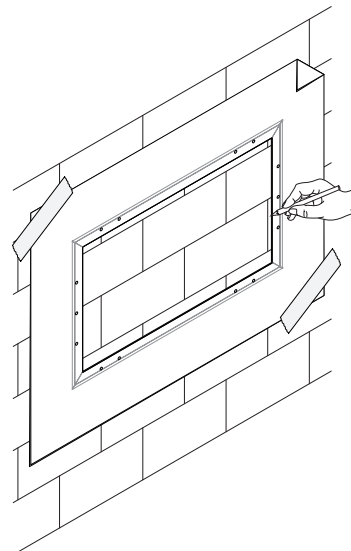
- 1 Before starting assembling the mounting frame, download and print the drilling template for your Rumble-KU subwoofer, in order to cut the surface of the recess.

	Mounting accessory download page
Rumble-KU44 I	https://www.k-array.com/en/accessory/k-wf44
Rumble-KU26	https://www.k-array.com/en/accessory/k-wf26
Rumble-KU210	https://www.k-array.com/en/accessory/k-wf210

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



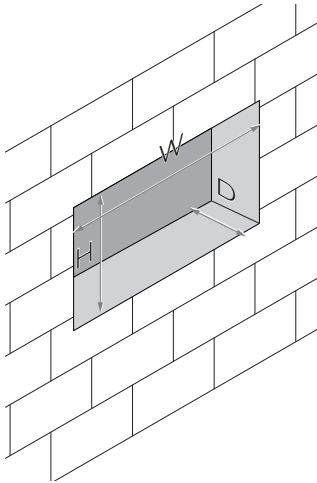
- 3 Apply the drilling template to the mounting surface and draw the cutting edges of the recess.



Rumble-KU

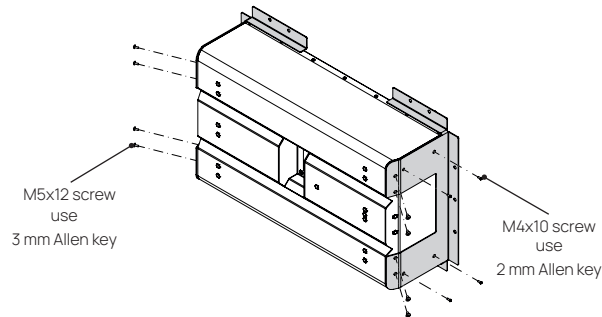
User Guide

4 Cut the recess.

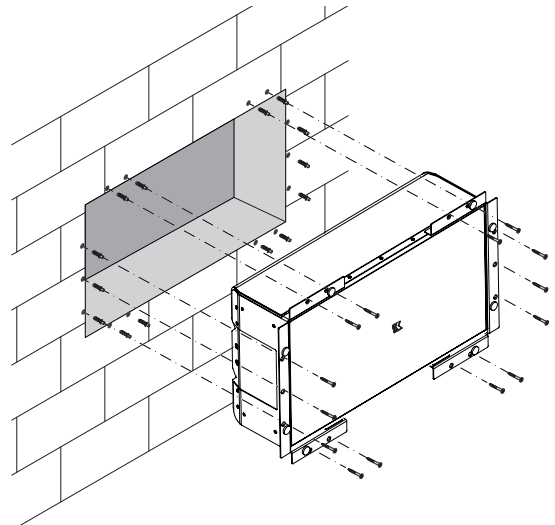


	W	H	D (min)
Rumble-KU44 I	511 mm (20,11 in)	130 mm (5,11 in)	105 mm (4,13 in)
Rumble-KU26	361 mm (14,21 in)	193 mm (7,59 in)	123 mm (4,84 in)
Rumble-KU210	511 mm (20,11 in)	297 mm (11,69 in)	155 mm (6,10 in)

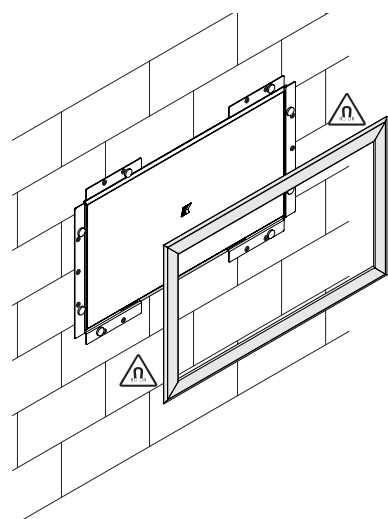
5 Fix the brackets to the Rumble-KU sides.



6 Install the assembly composed by the Rumble-KU subwoofer and the brackets on the recess.



6 Apply the magnetic frame on top of the recessed Rumble-KU subwoofer.



In-wall mounting accessories

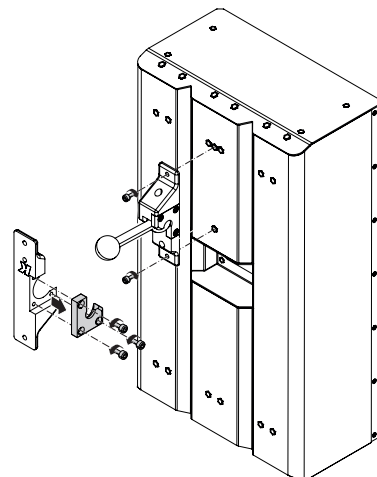
K-WALL2 / K-WALL2L

Any Rumble-KU 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 Rumble-KU 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

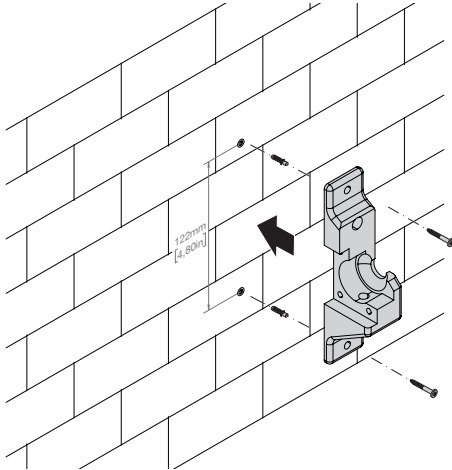
- A** Disassemble the K-WALL2 by removing the lateral plate of the bracket to be fixed on the surface.
- B** Assembly the bracket to the loudspeaker.



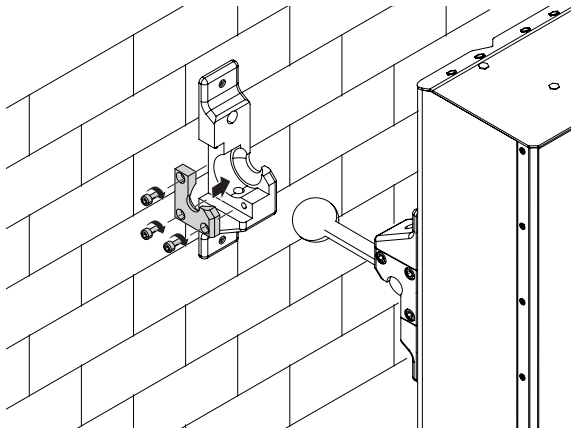
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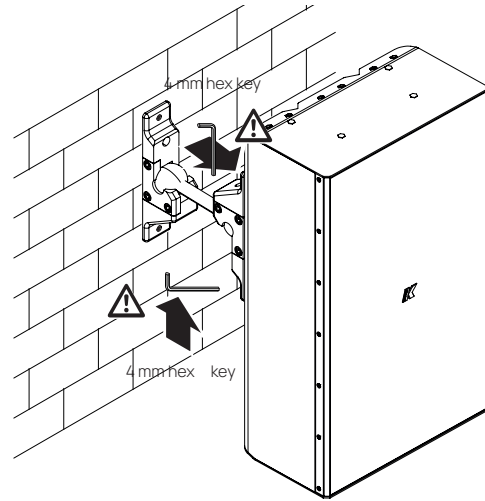
- C** Drill two holes on the surface 122 mm (4.80 in) apart and install the bracket.



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

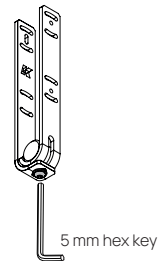


- F** Tight the blocking screws of the bracket at both the loudspeaker side and wall side. Rumble-KU is finally installed on the wall

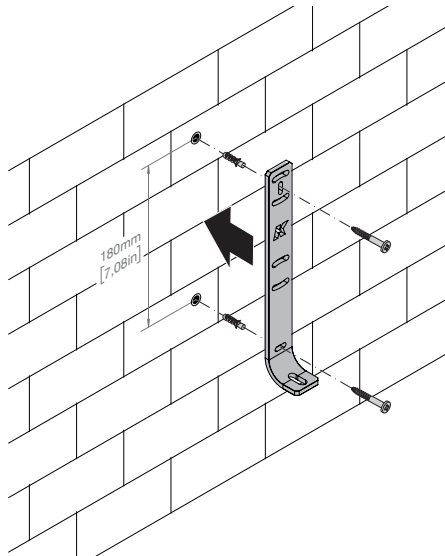


Installation with K-WALL2L

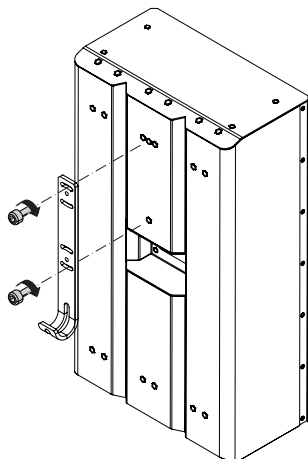
- 1** Disassemble the K-WALL2L by removing the bottom screw of the bracket to be fixed on the surface.



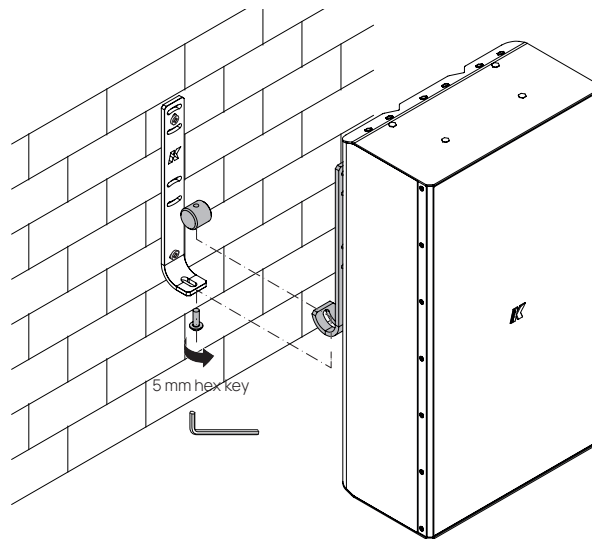
- 2** Drill two holes on the surface 180 mm (7.08 in) apart and install the bracket with the K-shaped hole.



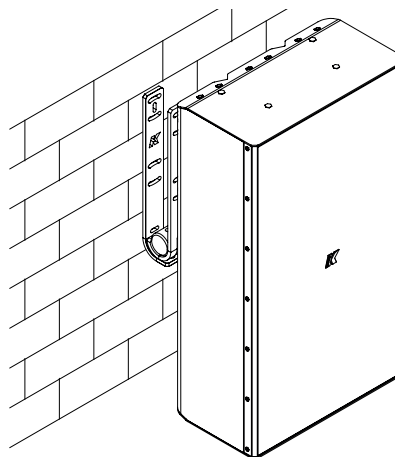
- 3** Assembly the bracket to the loudspeaker.



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



- 6** The Rumble-KU is finally installed with the K-WALL2L

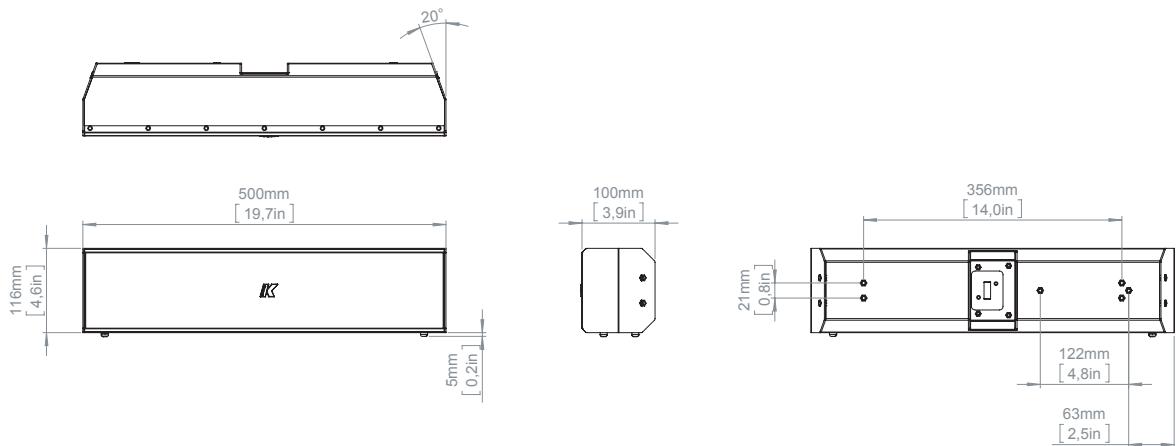


Rumble-KU

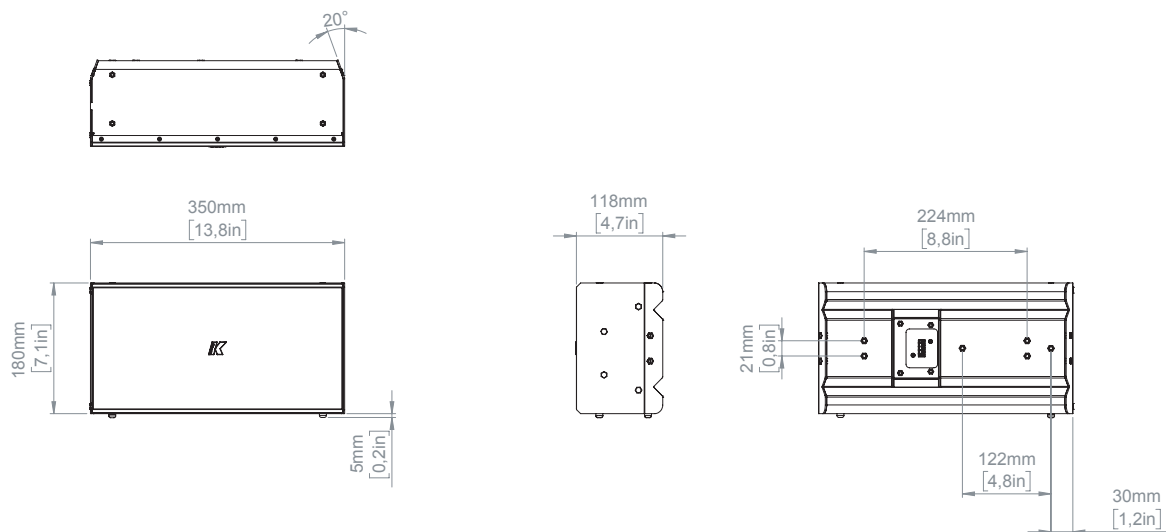
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Mechanical Drawings

Rumble-KU44



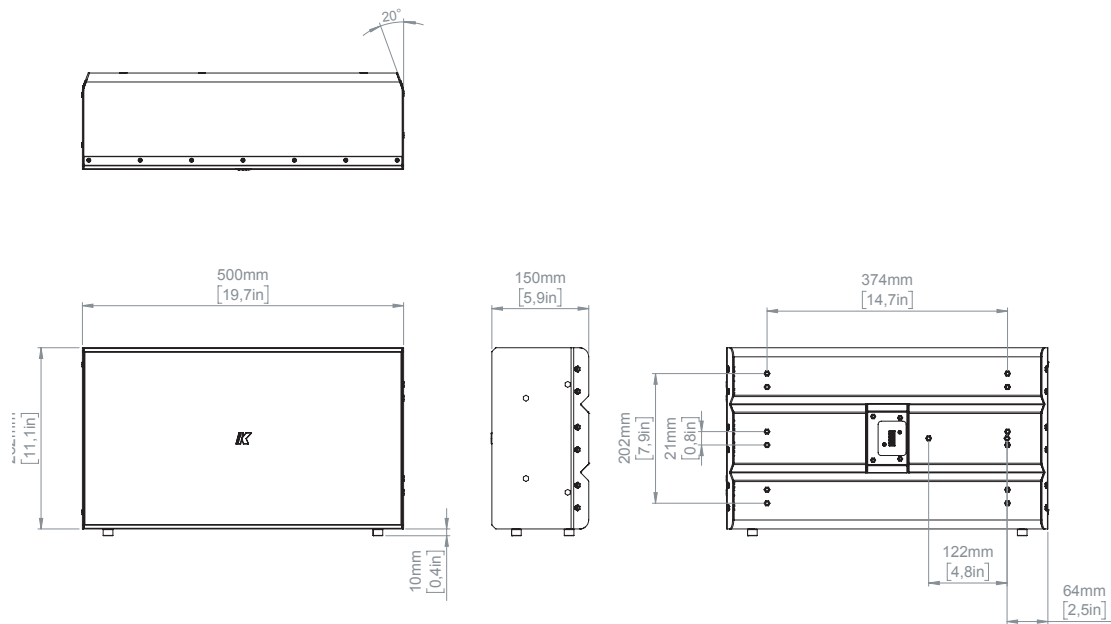
Rumble-KU26



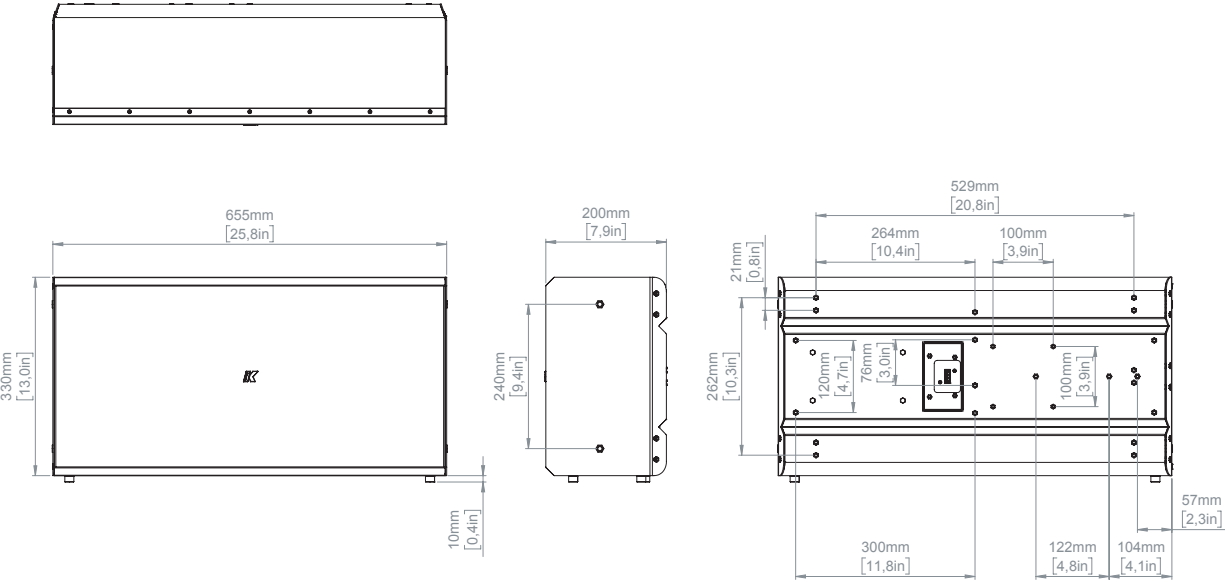
Rumble-KU

User Guide

Rumble-KU210



Rumble-KU212



Technical Specifications

Rumble-KU44

Technical specifications	
Type	Passive subwoofer
Transducers	2 x 4" neodymium magnet woofer 2x 4" passive radiator
Frequency Response ¹	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL ²	116 dB (peak)
Rated Power	120 W
Coverage	Omni
Nominal Impedance	8 Ω / 32 Ω selectable
Connectors	4PIN Euroblock connector - Phoenix 2,5/ 4-ST-5,08 compatible

Handling & Finishes	
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating ⁴	IP64
Dimensions (WxHxD) ³	500 x 116 x 100 mm (19.7 x 4.6 x 4.0 in)
Weight	5.9 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 Removable rubber feet not included in measures.

⁴ More complete water protection with K-KUIP accessory.

Rumble-KU26

Technical specifications	
Type	Passive subwoofer
Transducers	6" neodymium magnet woofer 6" passive radiator
Frequency Response ¹	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL ²	121 dB (peak)
Rated Power	160 W
Coverage	Omni
Nominal Impedance	8 Ω / 32 Ω selectable
Connectors	4PIN Euroblock connector - Phoenix 2,5/ 4-ST-5,08 compatible

Handling & Finishes	
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating ⁴	IP64
Dimensions (WxHxD) ³	180 x 350 x 118 mm (7.1 x 13.8 x 4.6 in)
Weight	5.9 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 Removable rubber feet not included in measures.

⁴ More complete water protection with K-KUIP accessory.

Rumble-KU210

Technical specifications	
Type	Passive subwoofer
Transducers	10" neodymium magnet woofer 10" passive radiator
Frequency Response ¹	40 Hz - 150 Hz (-6dB)
Max SPL ²	127 dB (peak)
Rated Power	320 W
Coverage	Omni
Nominal Impedance	4 Ω / 16 Ω selectable
Connectors	4PIN Euroblock connector - Phoenix 2,5/ 4-ST-5,08 compatible

Handling & Finishes	
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating ⁴	IP64
Dimensions (WxHxD) ³	500 x 282 x 151 mm (19.7 x 11.1 x 5.9 in) (3)
Weight	11 kg (24.3 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 Removable rubber feet not included in measures.

⁴ More complete water protection with K-KUIP accessory.

Rumble-KU212

Technical specifications	
Type	Passive subwoofer
Transducers	12" neodymium magnet woofer 12" passive radiator
Frequency Response ¹	35 Hz - 150 (-6 dB)
Max SPL ²	130 dB (peak)
Rated Power	700 W
Coverage	Omni
Nominal Impedance	4 Ω / 16 Ω selectable
Connectors	4PIN Euroblock connector - Phoenix 2,5/ 4-ST-5,08 compatible

Handling & Finishes	
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating ⁴	IP64
Dimensions (WxHxD) ³	655 x 330 x 200 mm (25.8 x 13.0 x 7.9 in) (3)
Weight	18.5 kg (40.8 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.

⁴ More complete water protection with K-KUIP accessory

Service

To obtain service:

1. Please have the serial number(s) of the unit(s) available for reference.
2. Contact the official K-array distributor in your country: find the Distributors and Dealers list on K-array website. Please describe the problem clearly and completely to the Customer Service.
3. You will be contacted back for on line servicing.
4. If the problem cannot be resolved over the phone, you may be required to send the unit in for service. In this instance, you will be provided with an RA (Return Authorization) number which should be included on all shipping documents and correspondence regarding the repair. Shipping charges are the responsibility of the purchaser.

Any attempt to modify or replace components of the device will invalidate your warranty. Service must be performed by an authorized K-array service center.

Cleaning

Use only a soft, dry cloth to clean the housing. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives. Do not use any sprays near the product or allow liquids to spill into any openings.

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Designed and Made in Italy

K-ARRAY surl

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