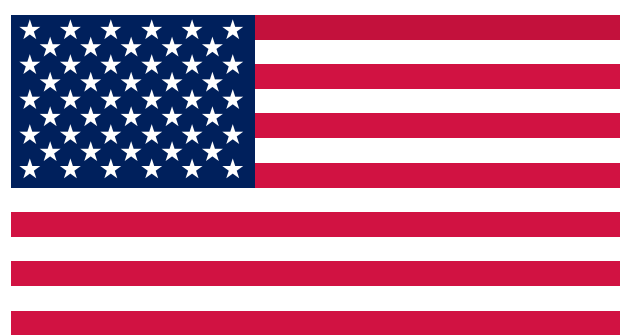




Owner's Manual
Manual del Propietario
Manuel d'utilisation
Benutzerhandbuch

KM604 Coaxials
Altavoz Coax KM
KM Koax-System
Haut-parleurs Coaxiaux KM

select language



*seleccione
el idioma*



*choisir la
langue*



*sprache
auswählen*

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Overview

IMPORTANT SAFETY WARNING

PROLONGED CONTINUOUS OPERATION OF AN AMPLIFIER, SPEAKER, OR SUBWOOFER IN A DISTORTED, CLIPPED OR OVER-POWERED MANNER CAN CAUSE YOUR AUDIO SYSTEM TO OVERHEAT, POSSIBLY CATCHING FIRE AND RESULTING IN SERIOUS DAMAGE TO YOUR COMPONENTS AND/OR VEHICLE. AMPLIFIERS REQUIRE UP TO 4 INCHES (10CM) OPEN VENTILATION. SUBWOOFERS SHOULD BE MOUNTED WITH AT LEAST 1 INCH (2.5CM) CLEARANCE BETWEEN THE FRONT OF THE SPEAKER AND ANY SURFACE. KICKER PRODUCTS ARE CAPABLE OF PRODUCING SOUND LEVELS THAT CAN PERMANENTLY DAMAGE YOUR HEARING! TURNING UP A SYSTEM TO A LEVEL THAT HAS AUDIBLE DISTORTION IS MORE DAMAGING TO YOUR EARS THAN LISTENING TO AN UNDISTORTED SYSTEM AT THE SAME VOLUME LEVEL. THE THRESHOLD OF PAIN IS ALWAYS AN INDICATOR THAT THE SOUND LEVEL IS TOO LOUD AND MAY PERMANENTLY DAMAGE YOUR HEARING. PLEASE USE COMMON SENSE WHEN CONTROLLING VOLUME.

The KICKER KM speakers are the ultimate full-range speakers for marine and outdoor environments you can buy. Whether upgrading an existing audio system or decking out a new one, these coaxial speakers will deliver top-quality sound while taking the punishment of being out on the open water or exposed to the elements. As always, KICKER uses advanced materials and construction techniques to ensure optimal performance for years to come. We hope you have the chance to combine these new coaxial speakers with our whole line of marine products, including subwoofers and amplifiers, for the best audio experience money can buy!

Specifications

<i>KM Component Speakers</i>	KM604
Woofer [in, mm]	6-1/2, 165
Tweeter [in, mm]	1/2, 13
Rated Impedance [Ω]	4
Peak Power Handling [Watts]	150
Recommended Amplifier Power [Watts RMS]	15-50
Sensitivity [1W, 1m]	90
Frequency Response [Hz]	35–21k
Tweeter Magnet Material	Neodymium
Tweeter Dome Material	PEI (polyether imide)
Tweeter Design	Balanced Dome
Midrange/Tweeter Surround Material	UV Treated Cloth
Woofer Cone Material	Polypropylene
Woofer Surround Material	Santoprene
Mounting Hole Diameter [in, mm]	5-1/8, 130
Mounting Depth [in, mm]	2-1/2, 63
Grilles	Yes

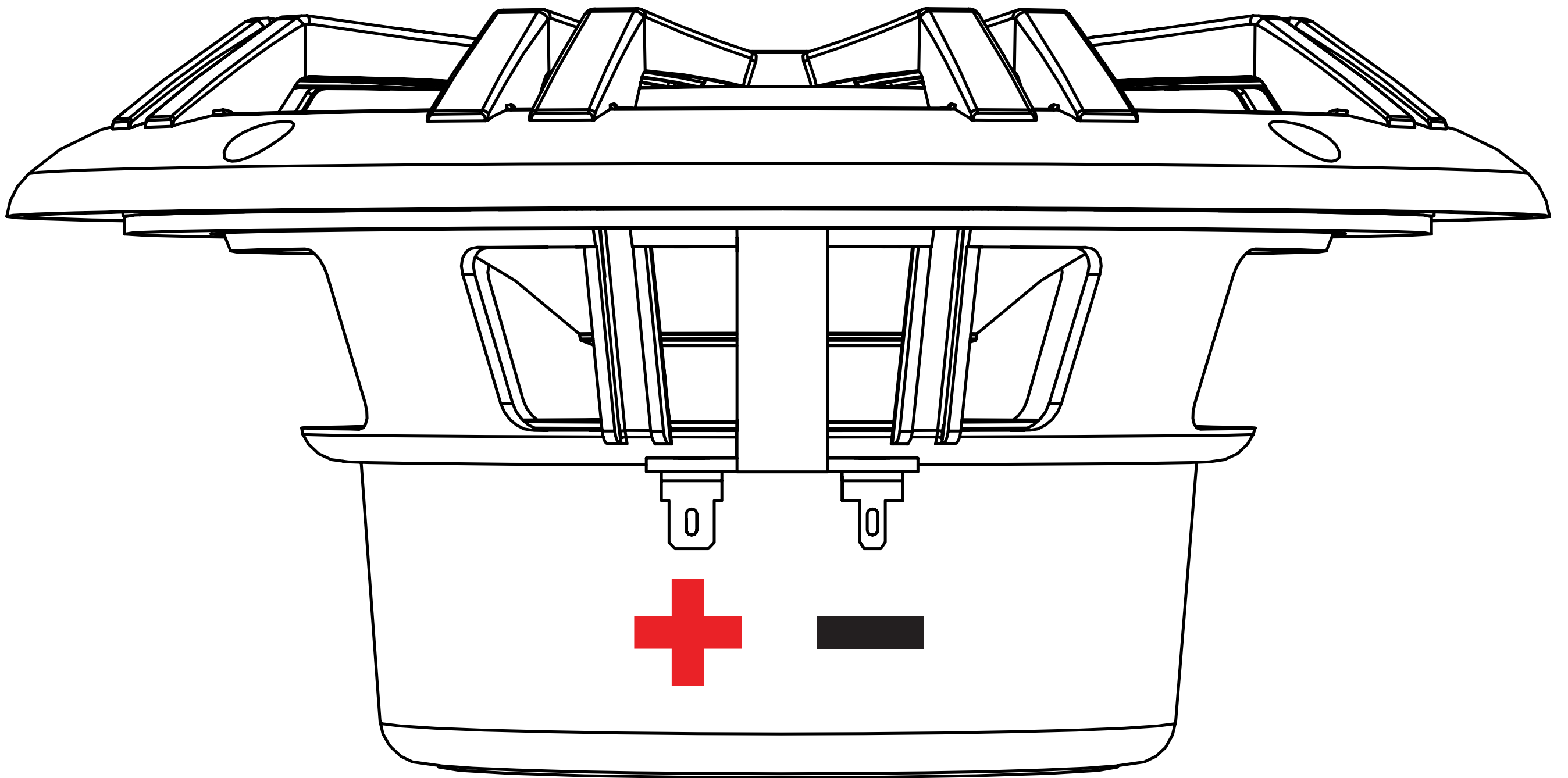
Note: All specifications and performance figures are subject to change. Please visit **www.kicker.com** for the most current information. To get the best performance from your new KICKER speakers, we recommend using genuine KICKER accessories and wiring. Please allow two weekKM of break-in time for the speakers to reach optimum performance.

Installation

Wiring Configuration

We recommend using 16 gauge (or larger) wire. The KM Speakers are rated at 4 ohms and work with any source unit or amplifier designed to operate at a 4 ohm load. **Make sure your source unit or amplifier is rated for 4 ohm operation.** Carefully place the speaker wire in a location that is clear of standing water and moving components of the boat. Connect the speaker wire to the speaker terminals. At least two amplifier channels are needed for stereo operation

1. Connect the speaker's wide spade terminal to the positive output of the amplifier channel.
2. Connect the speaker's narrow spade terminal to the negative output of the amplifier channel.

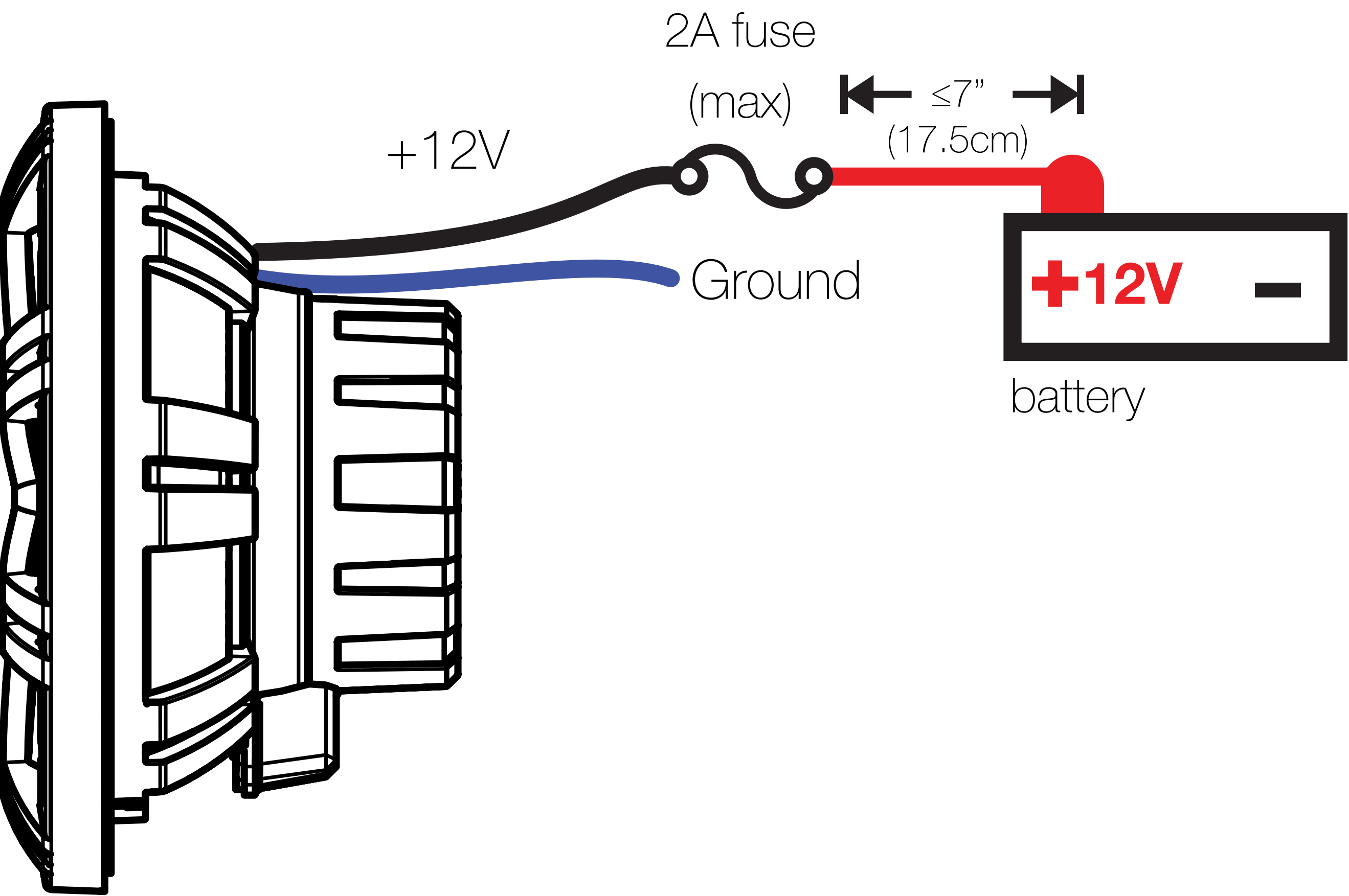


Pro Tip: You're a KICKER KXM amplifier and a few cables away from a full system upgrade that will dominate any factory system! KICKER line of amplifiers make it easy to upgrade to solid bass with your existing or stock source unit. Also, ask your dealer about KICKER Subwoofer upgrades.

LED Wiring Configuration

When hard-wiring the LED lighting, the black lead is +12V and the blue lead is ground.

1. Connect the black LED wire to the positive terminal of the battery. Place a 2-amp fuse (not included) no further than 7" away from the battery terminal. Install a switch (not included) on the black LED wire between the fuse and the speaker, so the LED's can be turned off. Without a switch to turn them off, they will always be on.
2. Connect the blue LED wire to the negative terminal of the battery.



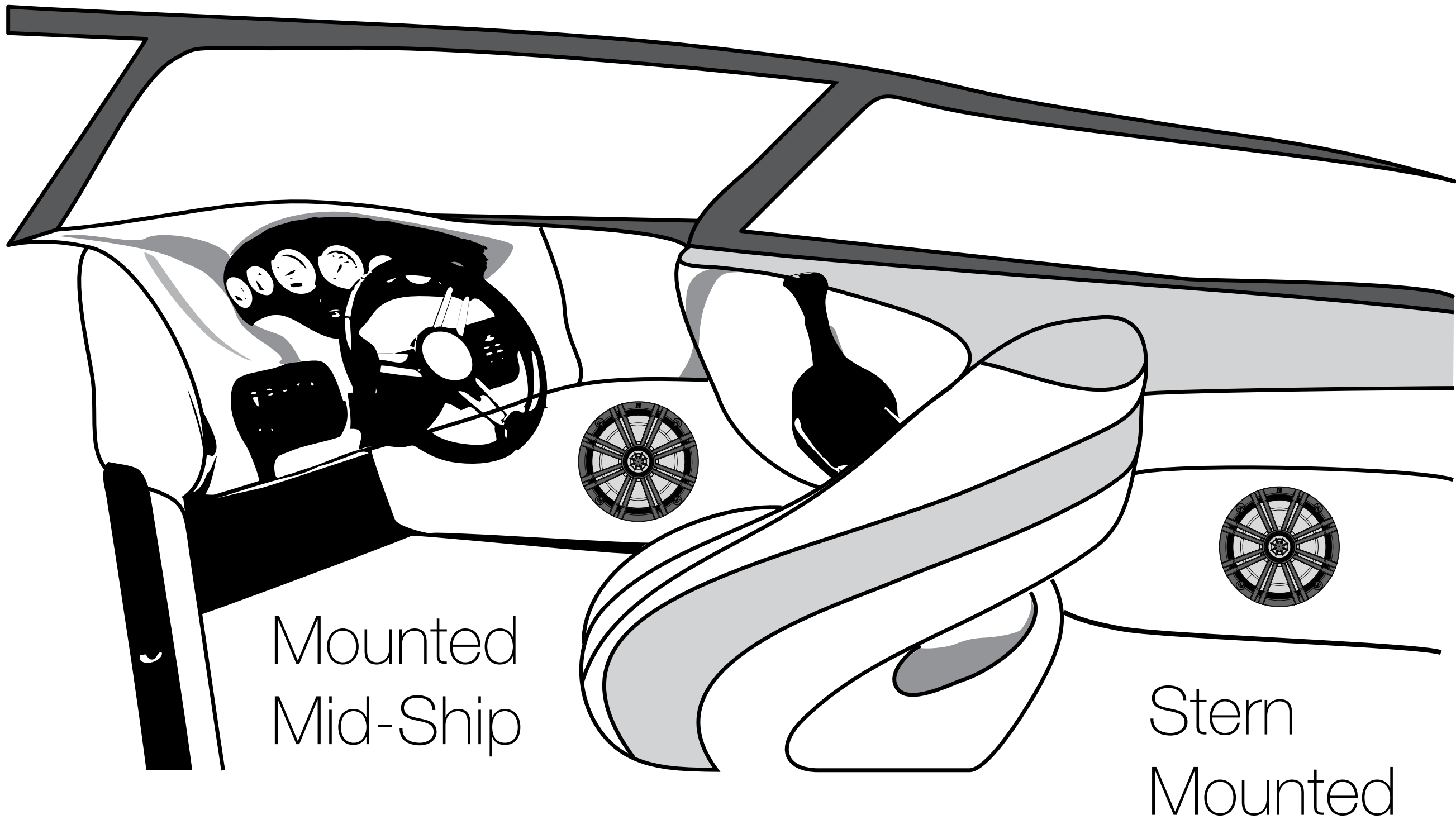
Mounting

The KICKER KM Speakers are designed for free-air applications and do not require a sealed enclosure for optimum performance. It is important to isolate the sound coming from the front of the speaker from the sound radiating from the back of the speaker. The sound produced by the KM coaxials is directional. Find the best location for stereophonic sound. If necessary, add more KM coaxial speakers to the system to help distribute and balance the sound-stage.

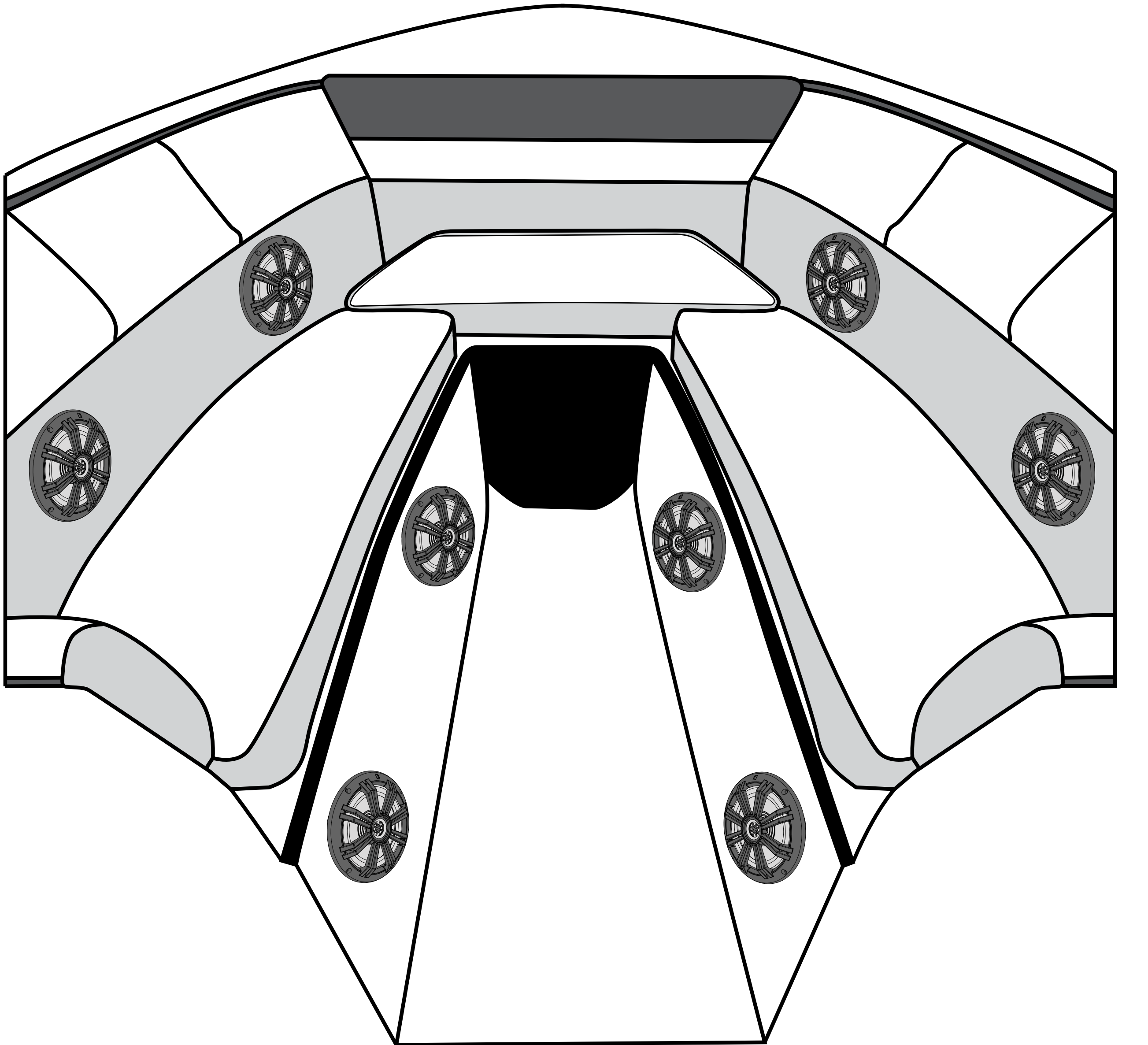
After determining the best mounting locations, carefully check the areas where the mounting hardware will be placed. If a mounting location does not already exist, cut a 5-1/8" hole in the desired location. Use masking tape to help prevent damage to the paint in the locations to be cut or drilled. If you are mounting the speaker to a surface made from thin, soft material such as aluminum, use the provided stainless steel speed nuts to provide threads for the mounting screws. If the speaker cut-out locations require you to cut metal, avoid structural metal and braces. If the panel cannot support the weight of the speaker, an optional reinforcing ring may be fastened or adhered to it.

Make sure the stainless steel mounting screws and U-type speed clips will not puncture the fuel cell, wiring, or interfere with any mechanical parts on the underside of the mounting surface. Pre-drill the mounting screw holes using a 7/64" (2.5mm) bit, and attach the KM coaxial speakers to the boat by fastening the supplied stainless steel coarse-threaded screws to the boat's structure. If applicable, use the enclosed stainless steel U-type speed clips. If the supplied hardware is not applicable to your installation, some other means of securely attaching the speakers to the boat must be used.

Secure speaker to desired location. Possible locations for KM Coaxial Speaker Mounting



Mounted in the Bow



Warranty

When purchased from an Authorized KICKER Dealer, KICKER warrants this product to be free from defects in material and workmanship under normal use for a period of TWO (2) YEARS from date of original purchase with receipt. If this product is identified as “Refurbished” or “B Goods”, the warranty is limited to a period of THREE (3) MONTHS from the date of original purchase. In all cases you must have the original receipt. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction during the warranty period, KICKER will repair or replace (at its discretion) the defective merchandise with equivalent merchandise. Warranty replacements may have cosmetic scratches and blemishes. Discontinued products may be replaced with more current equivalent products. This warranty is valid only for the original purchaser and is not extended to owners of the product subsequent to the original purchaser. Any applicable implied warranties are limited in duration to a period of the express warranty as provided herein beginning with the date of the original purchase at retail, and no warranties, whether express or implied, shall apply to this product thereafter. Some states do not allow limitations on implied warranties; therefore, these exclusions may not apply to you. This warranty gives you specific legal rights; however you may have other rights that vary from state to state.

WHAT TO DO IF YOU NEED WARRANTY OR SERVICE:

Defective merchandise should be returned to your local Authorized Stillwater Designs (KICKER) Dealer for warranty service. Assistance in locating an Authorized Dealer can be found at www.KICKER.com or by contacting Stillwater Designs directly. You can confirm that a dealer is authorized by asking to see a current authorized dealer window decal.

If it becomes necessary for you to return defective merchandise directly to Stillwater Designs (KICKER), call the KICKER Customer Service Department at (405) 624-8510 for a Return Merchandise Authorization (RMA) number. Package only the defective items in a package that will prevent shipping damage, and return to:

Stillwater Designs
3100 North Husband St
Stillwater, OK 74075

The RMA number must be clearly marked on the outside of the package. Please return only defective components. The return of functioning items increases your return freight charges. Non-defective items will be returned freight collect to you. For example, if a subwoofer is defective, only return the defective subwoofer, not the entire enclosure. Include a copy of the original receipt with the purchase date clearly visible, and a “proof-of-purchase” statement listing the Customer’s name, Dealer’s name and invoice number, and product purchased. Warranty expiration on items without proof-of-purchase will be determined from the type of sale and manufacturing date code. Freight must be prepaid; items sent freight-collect, or COD, will be refused.

WHAT IS NOT COVERED?

This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover:

- o Damage due to improper installation
- o Subsequent damage to other components
- o Damage caused by exposure to moisture, excessive heat, chemical cleaners, and/or UV radiation
- o Damage through negligence, misuse, accident or abuse. Repeated returns for the same damage may be considered abuse
- o Any cost or expense related to the removal or reinstallation of product
- o Speakers damaged due to amplifier clipping or distortion
- o Items previously repaired or modified by any unauthorized repair facility
- o Return shipping on non-defective items
- o Products with tampered or missing barcode labels
- o Products with tampered or missing serial numbers
- o Products returned without a Return Merchandise Authorization (RMA) number
- o Products purchased from an UNAUTHORIZED dealer
- o Freight Damage
- o The cost of shipping product to KICKER
- o Service performed by anyone other than KICKER

HOW LONG WILL IT TAKE?

KICKER strives to maintain a goal of one-week service for all acoustics (subwoofers, midrange drivers, tweeters, crossovers, etc) returns. Delays may be incurred if lack of replacement inventory or parts is encountered. Failure to follow these steps may void your warranty. Any questions can be directed to the KICKER Customer Service Department at (405) 624-8510. Contact your International KICKER dealer or distributor concerning specific procedures for your country’s warranty policies.