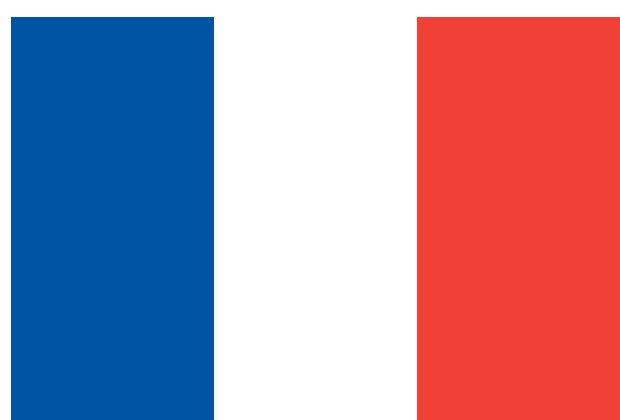
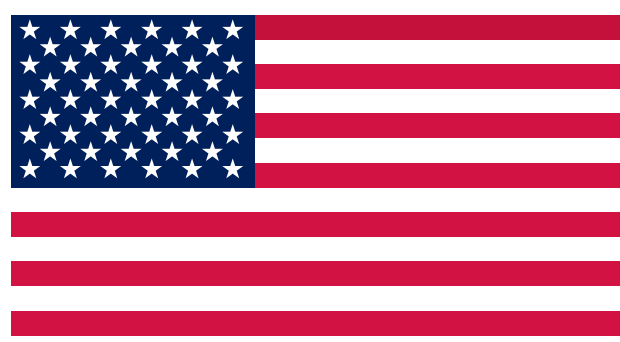




Owner's Manual
Manual del Propietario
Manuel d'utilisation
Benutzerhandbuch

KEY200.4
4-Channel DSP Amplifier



Contents

Overview 3

Specifications 4

Installation 5

Mounting..... 5

Wiring 6

Operation 10

Features..... 10

KEY Auto Setup 14

Auto Setup FAQ 17

Error Codes 19

Troubleshooting 20

Warranty 21

Overview

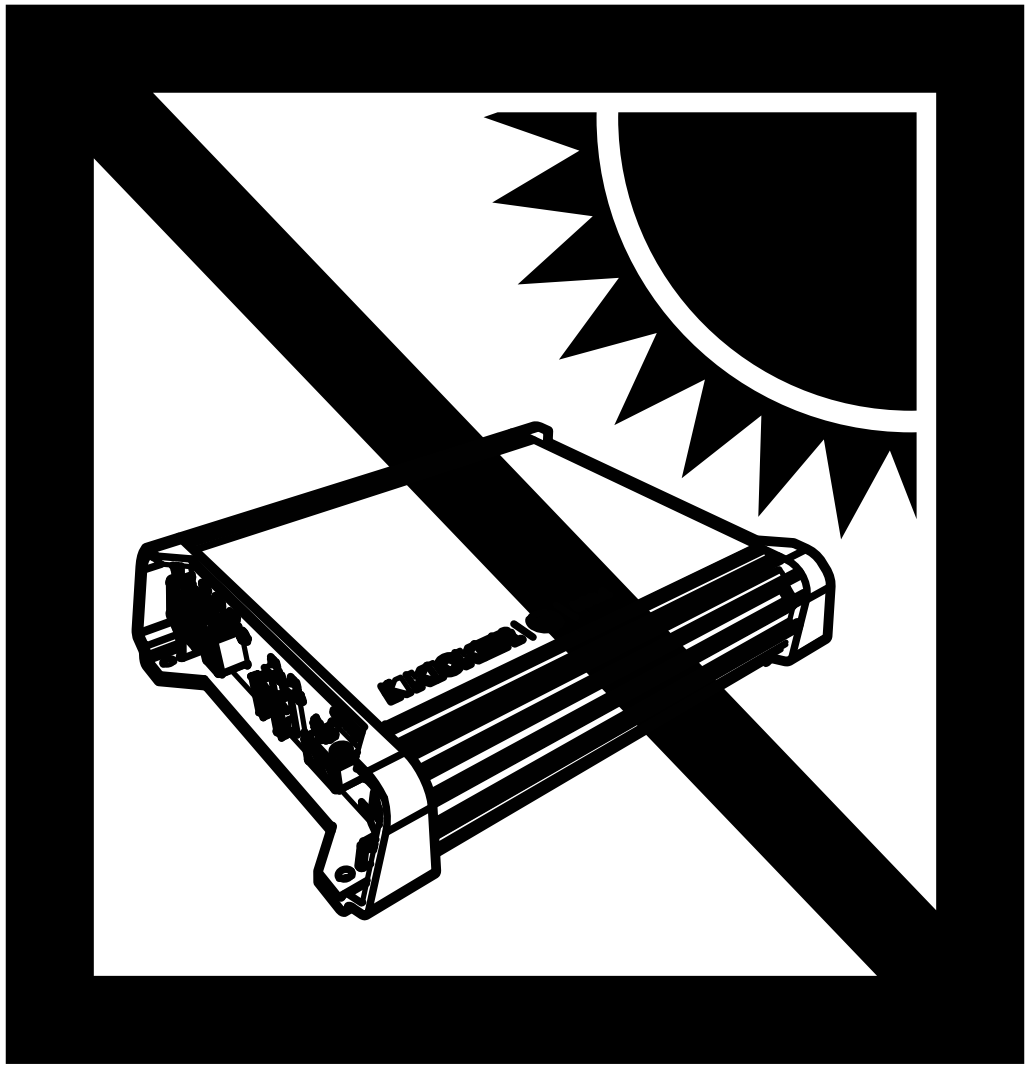
IMPORTANT SAFETY WARNING

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 KEY automatically improves the sound quality of your vehicle with the push of a button! Breathe new life and realism into any audio system with this small, yet powerful, amplifier and acoustic processor in one. With simple, one-step, automatic audio calibration, you'll have drastically improved audio quality and soundstage in minutes. You'll experience symphonic quality music whether you're using factory speakers and radio, or aftermarket products. The KEY-Series combines our time proven audio designs with state-of-the-art patented digital technology, to provide the best audio performance in a vehicle. The KEY amplifier uses digital circuitry for gain-matching, frequency crossover control, AutoEQ, Compression, Limiter, Time Delay and more, that automatically tunes your system to audiophile performance in your vehicle. It's the best of all worlds, packed into a tiny powerhouse amp that delivers our signature KICKER Performance for your musical enjoyment.

Specifications

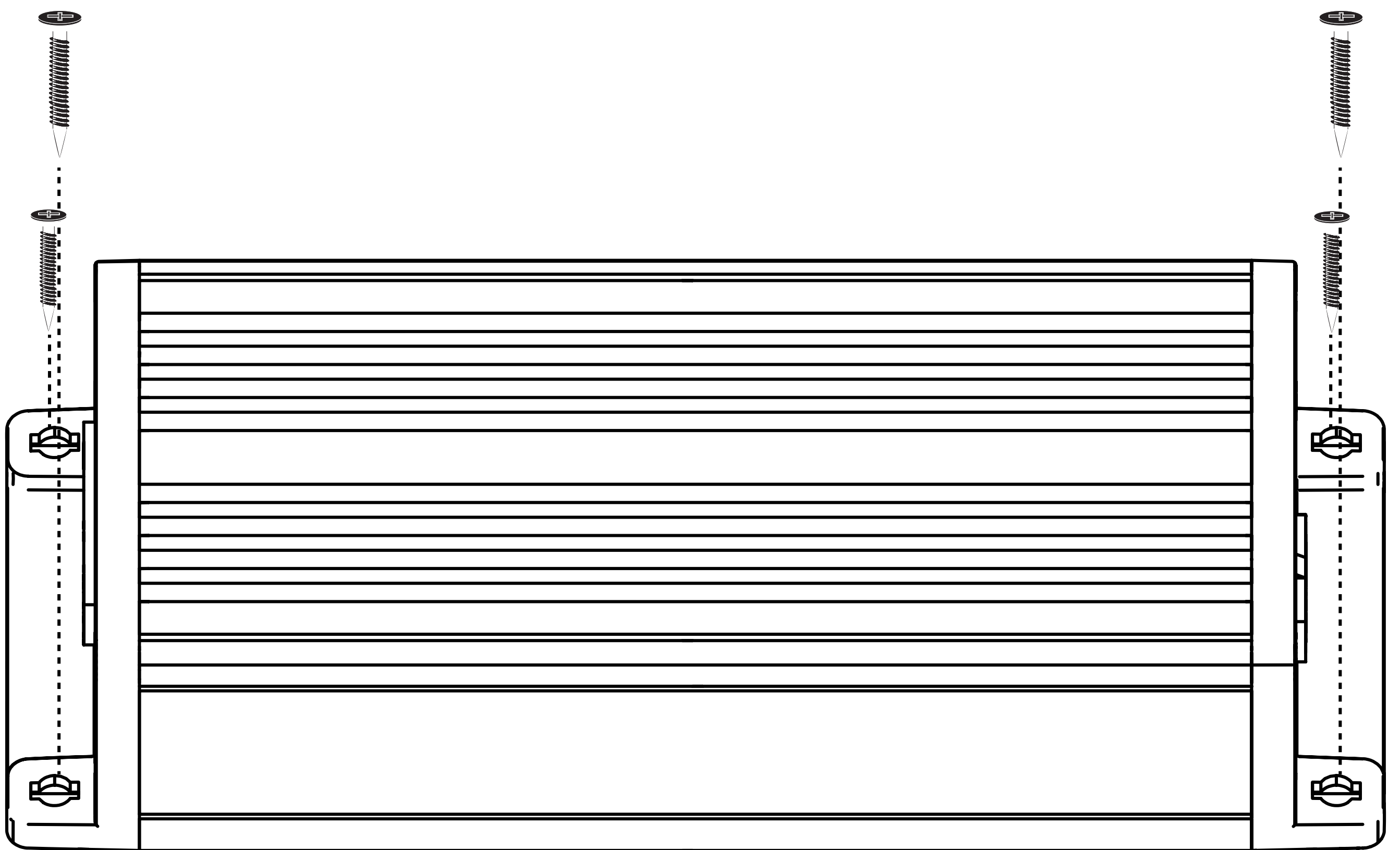
Model:	KEY200.4
RMS Power, AMP1 and AMP2 @ 14.4V, 4Ω stereo, ≤ 1% THD+N	50W x 4
Length [in, cm]	7-3/8, 18.7
Height [in, cm]	1-11/16, 4.3
Width [in, cm]	2-3/4, 7
Frequency Response [Hz]	AMPS 1-2: 20Hz–20kHz
Signal-to-Noise Ratio [dB]	>90dB, A-weighted, re: rated power
Input Sensitivity	250mV–10V
Selectable Electronic Crossover	OFF, HI-PASS 60Hz, 80Hz, or 120Hz; 24dB/octave



Installation

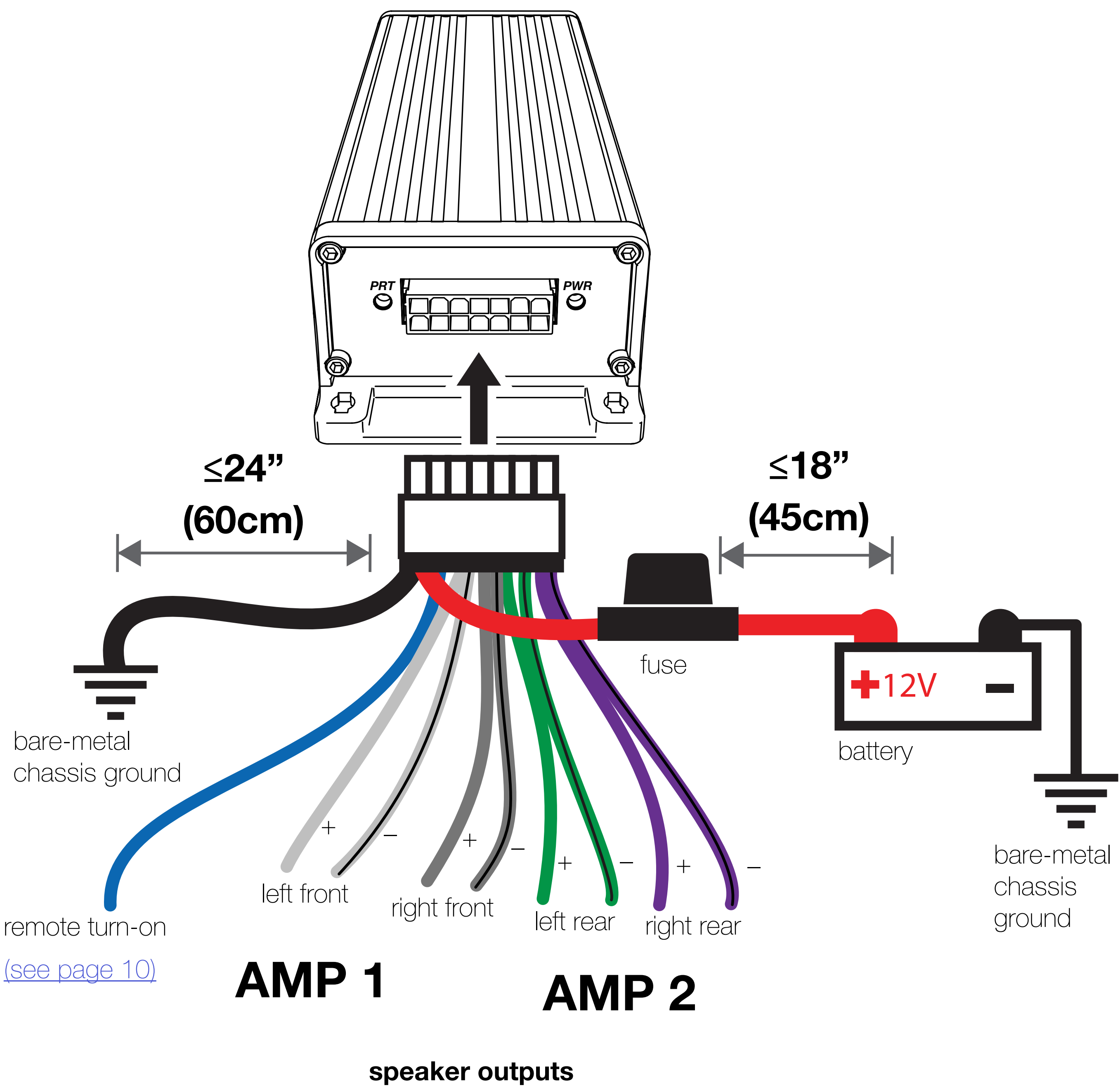
Mounting

Choose a structurally sound location to mount your KICKER amplifier. Make sure there are no items behind the area where the screws will be driven. Choose a location that allows at least 4" (10cm) of open ventilation for the amplifier. If possible, mount the amplifier in the climate-controlled passenger compartment. Drill four holes using a 7/64" (3mm) bit and use the supplied #8 screws to mount the amplifier.



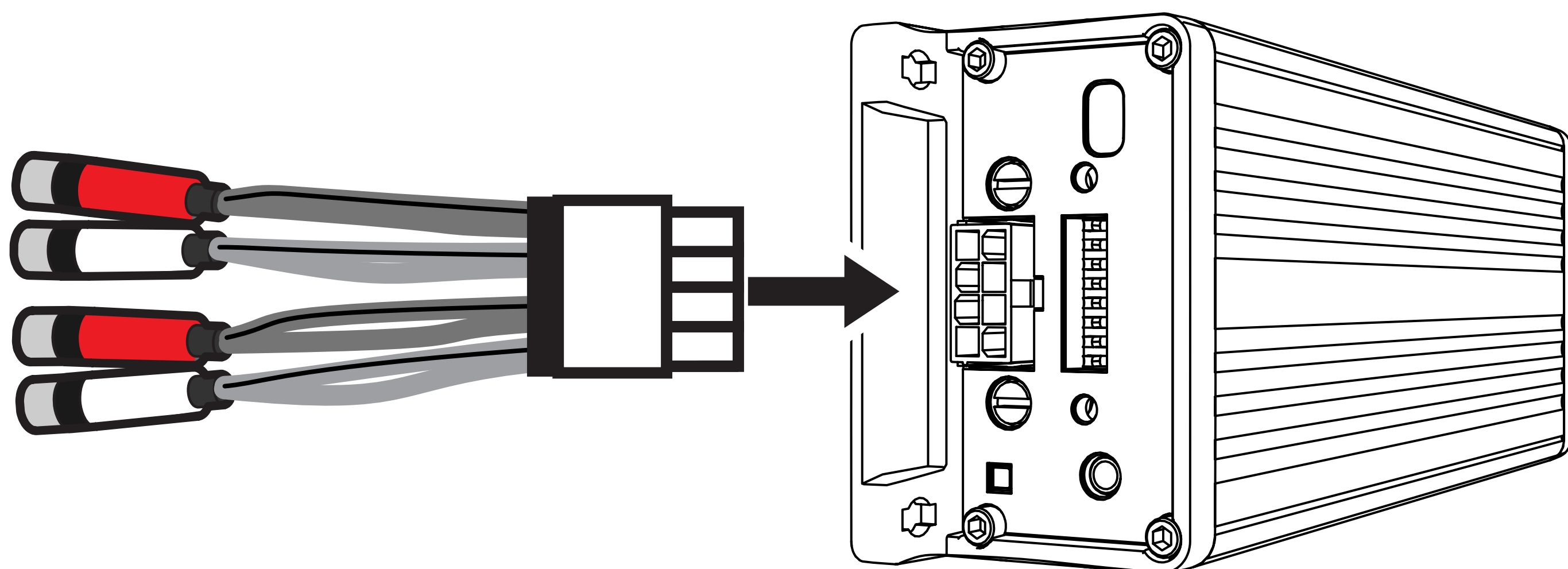
Wiring

Disconnect the vehicle's battery to avoid an electrical short. Then connect the ground wire to the amplifier. Make the ground wire short, 24" (60cm) or less, and connect it to a paint-and-corrosion-free, solid, metal area of the vehicle's chassis. Adding an additional ground wire of this same gauge (or larger) between the battery's negative post and the vehicle chassis is recommended. Keep the audio signal cable away from factory wiring harnesses and other power wiring. If you need to cross this wiring, cross it at a 90 degree angle.

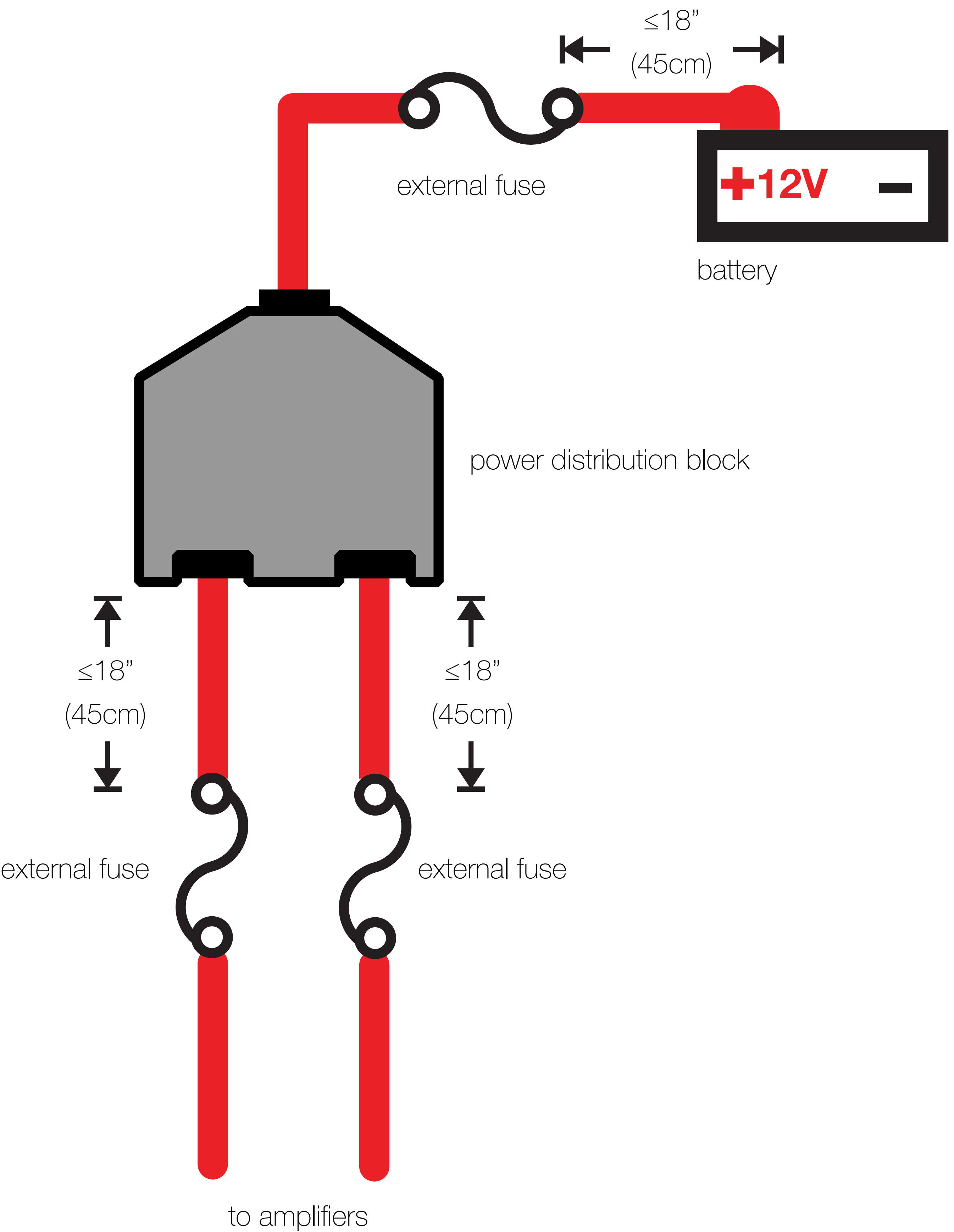


Cut the looped red power cable located in the KEY carton and install using the 20A fuse. The fuse should be within 18" (45cm) of the battery and in-line with the harness' power cable, which is connected to your amplifier. If you ever need to remove the amplifier from the vehicle after it has been installed, the ground wire should be the last wire disconnected from the amplifier--just the opposite as when you installed it. The KEY amplifier is capable of using the wiring directly from your head unit, but for best results it is recommended you use power and ground wiring from the vehicle's battery and chassis. KICKER recommends 14 gauge wire.

If needed, cut off the RCA connections to use hi-level input.

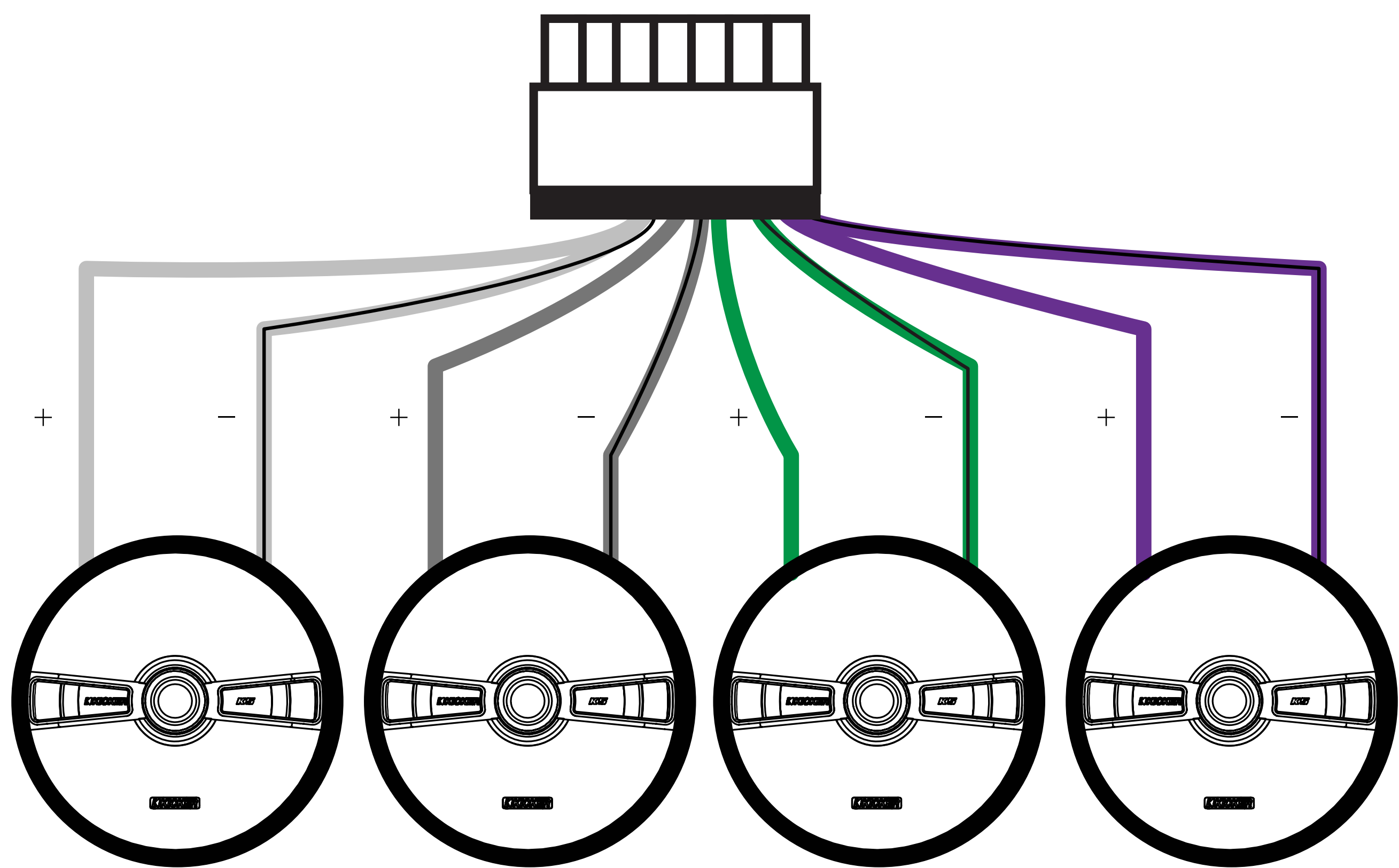


For multiple amplifier installations where distribution blocks are used, each amplifier should have its proper-rated fuse, or breaker, installed between the amplifier and the distribution block within eighteen inches of the block, or on the distribution block if it provides for fusing. The primary power wire should also be fused between the battery and distribution block, within eighteen inches of the battery's positive terminal, with a fuse or breaker rated at least to the sum of the individual amplifier's fuse values, but doesn't exceed the capacity of your wiring.



STANDARD (FULL-RANGE) WIRING

minimum impedance of 4 ohms per channel



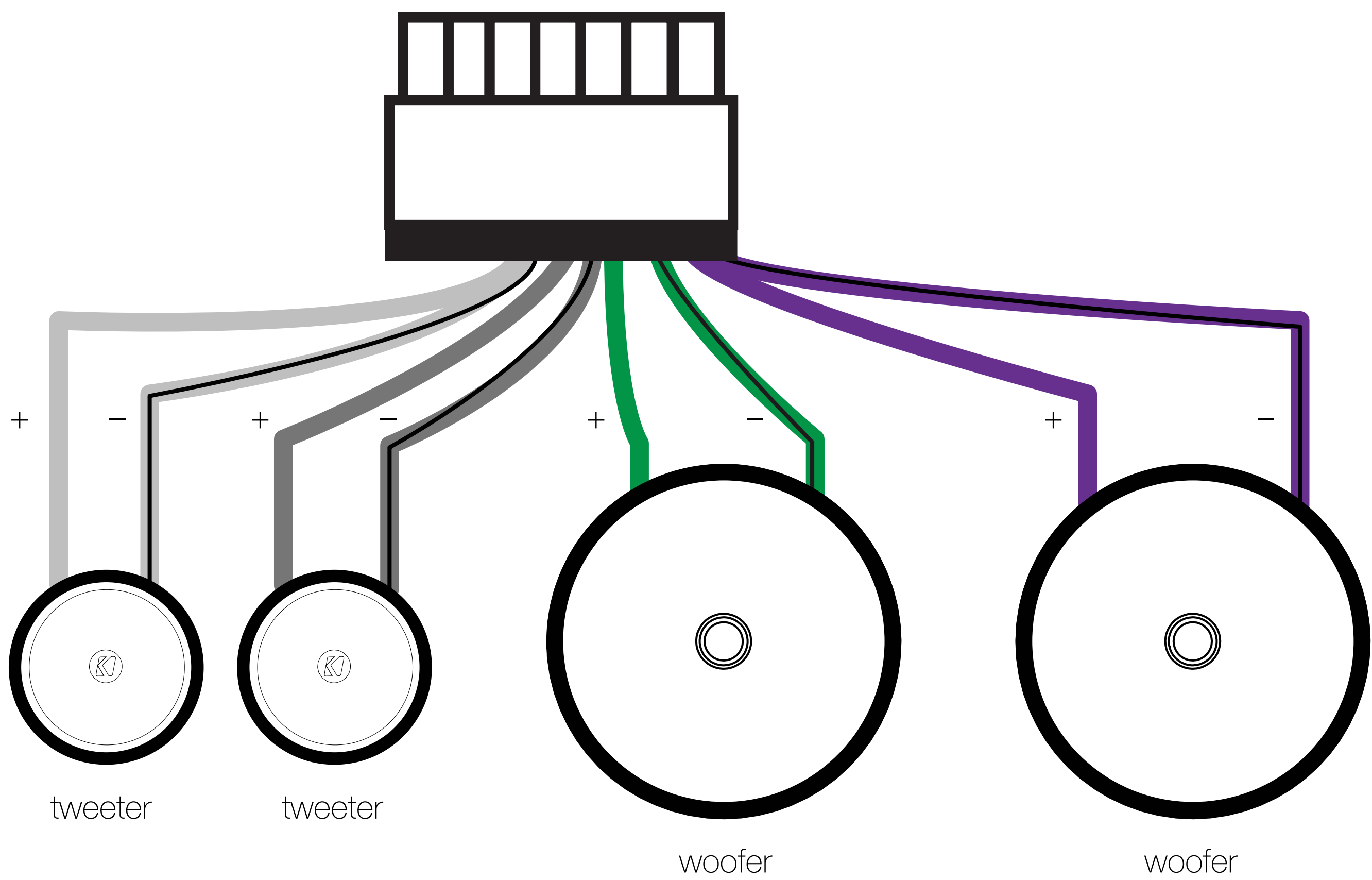
BI-AMP WIRING

minimum impedance of 4 ohms per channel

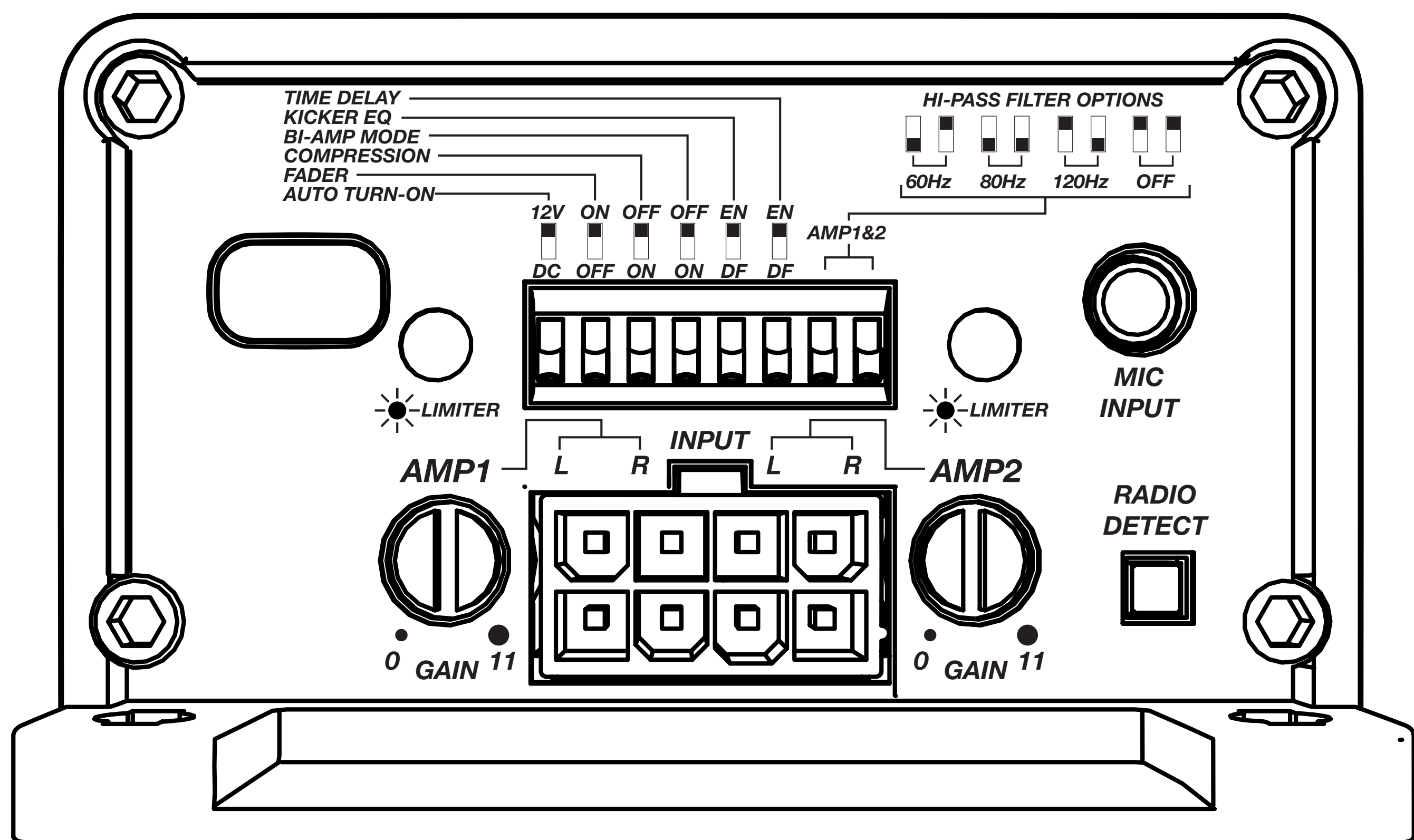
woofers must be installed to rear (AMP 2) channels

tweeters must be installed to front (AMP 1) channels

Bi-Amp switch must be ON!



Operation



Features

Automatic Turn-On Selection: The KEY series offers two different automatic turn-on modes that can be selected on the end panel; +12V and DC Offset. Using the DC Offset mode causes the REM wire to have +12V out for turning on additional amplifiers.

- Remote Turn-On: Set the switch to +12V to use the remote turn-on lead from your source unit. Run 18 gauge wire from the Remote Turn-On Lead on your source unit to the blue REM wire on KEY amplifier's wiring harness. This is the preferred automatic turn-on method.
- If 12V remote turn-on is not available, DC Offset turn-on can be used if speaker-level audio inputs are being used. The DC offset mode detects a 3V DC offset on the speaker wires when the source unit has been turned on.

RADIO DETECT: The RCA inputs on KICKER KEY amplifiers are capable of receiving either Hi or Low-level signals from your source unit. If you are using Hi-Level inputs, but your source unit cannot detect an audio system present or refuses to play audio out of one or more speakers, you may need to set Radio Detect to ON. This will activate a load resistor at the amplifier's inputs and tell the source unit there

are speakers present. Do NOT use Radio Detect if you are using a Low-Level input signal; doing so will greatly reduce the input signal.

Input Gain Control with Gain Matching: The input gain control is not a volume control. It matches the output of the source unit to the input level of the amplifier and features Gain Matching to prevent clipping the input. For a quick setup, turn the source unit up to about 3/4 volume (if the source unit goes to 30, turn it to 25). KICKER recommends using the test tones at www.KICKER.com/support/ to reach the most accurate and best performing settings. Next, with gain knobs all the way down, slowly turn (clockwise) the gain up until you see the LIMITER LED light up or hear audible distortion, then turn it down a little. If the LIMITER's LED comes on, the input is still clipping. This step should be performed after KEY Auto Setup and crossover settings have been applied.

MIC INPUT: Connect the included microphone to the 3.5mm (1/8") microphone input and use in conjunction with the Auto Setup process to automatically set Time Alignment, KICKER EQ, and Output Level Matching. Install face up to headrest, pointing as straight as possible to the roof.

TIME DELAY: Set to enable (EN) for all speaker's output to reach the driver or microphone location at the same time. Set to defeat (DF) to turn time delay off.

KICKER EQ: Set to enable (EN) to turn KICKER EQ on (recommended), set to defeat (DF) to turn KICKER EQ off. When OFF, the frequency response curve will be flat.

BI-AMP MODE: The majority of systems require this switch to be OFF. Turn ON only if your speakers are wired in “Bi-Amp” mode (refer to BI-AMP operation picture on [page 9](#)). The Bi-Amp mode is to be specifically used without passive crossovers. Possible usages are with component speakers (two woofers and two tweeters), or with door woofers and dash speakers. Once the Bi-Amp switch is ON, the KEY amp will automatically detect and apply Bi-Amplification settings during the KEY Auto Setup:

- Woofers and Tweeters: 3.2kHz 24dB/oct High Pass for the tweeters, 3.2 kHz low pass for the woofers.
- Woofers and Dash Speakers: 320 Hz 24dB/oct High Pass for the dash-speakers, 640 Hz low pass for the woofers.

COMPRESSION: Set to enable (EN) to turn Auto Compression on, reducing high amplitude signals above a certain threshold, giving a more consistent listening experience and protecting your audio system. Set to defeat (DF) to turn Auto Compression off.

FADER: Leave the fader switch to ON if you are running two sets of inputs (front and rear for example) to the amplifier. Set the fader switch OFF if you want to drive all channels from a single stereo input.

HI-PASS: Use the HI-PASS switches of the amplifier to set the internal crossover. Choose a cutoff of 60Hz, 80Hz, 120Hz, or OFF depending on the configuration of switches.

LIMITER: The LIMITER may engage for multiple reasons, as indicated by the LIMITER LEDs. This is to protect your speakers and allow for continuous playback. The LIMITER will engage during:

- Engine start: The KEY is a Start-Stop compatible amplifier; it will not turn off during engine start. When your vehicle's engine is starting there is a voltage dip in the +12V line. In order to prevent a clipped output signal from reaching your speakers, the LIMITER engages during that moment. Should you be listening at a moderate or higher volume level, you may see the LIMITER indicators light up during engine start and turn off once the engine is running.
- Low voltage: If the operating voltage fed to the amplifier is below a level specified for full power operation (+10.8V), you may see the LIMITER indicators light up at moderate or high music volume levels.
- Input signal overdrive: When the input signal to the amplifier causes its output to exceed the maximum rated power, the LIMITER will engage to prevent severe clipping. This can be caused by the gain setting or the input signal being too high, or both. Reduce the gain or the strength of the input signal.

The LIMITER engages as the amplifier reaches and surpasses its maximum operational temperature, limiting the power of the amplifier as the temperature rises. Consequently, the temperature will take longer to rise until an equilibrium is achieved in which the temperature won't climb any higher, and the output power won't be limited any further. This protection does not cutoff the audio abruptly and it does not output clipped audio to the speakers.

- Compression switch ON: To fully protect your speakers, you may turn the compression switch ON. This will cause the LIMITER to engage whenever the amplifier is about to output a clipped audio signal, though some distortion may still be audible. If the gain is set properly and the audio source doesn't clip, this will provide another fail-safe for your audio system while limiting the current draw of the amp, which lowers the load of the amp on the vehicle's electrical system.

KEY Auto Setup

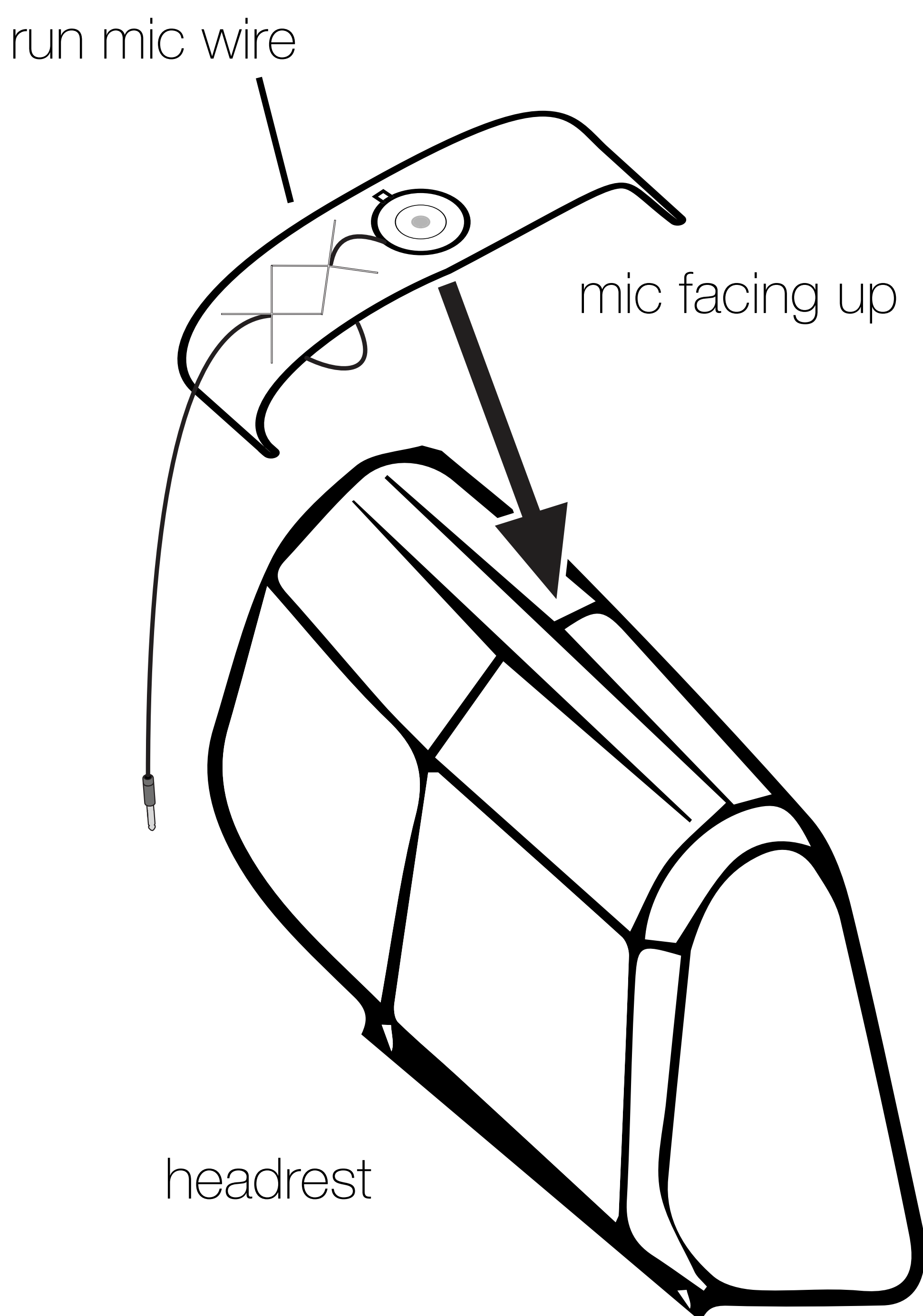
The KEY Activation Button is a multi-function button attached to the included microphone that will begin the Auto Setup process, toggle between Auto Setup optimized audio and the original audio once the Auto Setup process has been completed, or clear previous Auto Setup settings.

The Auto Setup consists of several tune-up steps including individual speaker equalization, KICKER EQ, time delay and speaker sensitivity matching. If a setting is defeated with the DIP switches on the KEY panel, the settings will be registered in memory and can be applied or cleared. Changing the DIP switch positions does not require a new Auto Setup to be run.

Make sure active noise cancellation and active noise enhanced are disabled beforehand. You will need to load a source for pink noise from your head unit, whether CD, MP3, AUX, Bluetooth, USB etc. Uncompressed audio is recommended for best results, as this will ensure full amplitude across the frequency spectrum (20Hz–20kHz). Visit **www.kicker.com/tech** to download the pink noise profile best suited for your listening habits!

1. Set the KEY amplifier gains (AMP-1 and AMP-2) to the minimum (fully counter-clockwise). Place all settings in the signal chain, such as the EQ on your head unit, to disabled or flat. Disconnect any speakers or subwoofers not connected to the KEY amplifier, factory or aftermarket.

2. Close the car windows, turn off the engine, turn off the HVAC. Install the microphone to the top of the driver's side headrest. Make sure the microphone faces up, pointing as straight as possible to the roof.

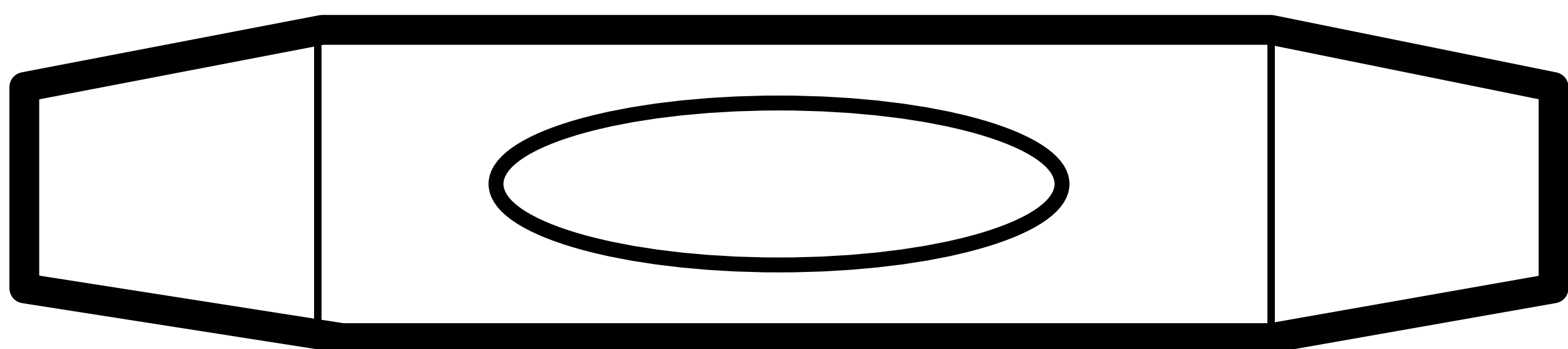


3. In most cases, the Bi-Amp switch should be OFF. Check if you need to turn the Bi-Amp switch ON. Refer to [page 9](#) for more information

4. Start the Pink Noise. Set the Pink Noise volume to a level above conversational (slightly loud) using your audio source volume control (usually head-unit).

5. Begin the Auto Setup by quick-pressing the KEY Activation Button. Once initialized, you will hear repeating tones (beeps), which indicate that you must exit the vehicle and close the door. You will have 10 seconds until the process begins. *Beeps and noises during the KEY Auto Setup process can be loud. For your safety, please do not remain inside the vehicle!*

KEY Activation Button



6. Once the Auto Setup has completed, you will hear happy music for a successful setup. You may quick-press the KEY Activation Button to toggle between the original, non-optimized audio or re-apply the KEY optimized audio. Dial in the GAIN settings and you're done!

Upon successful completion, if you wish to clear the Auto Setup settings and revert the KEY amp to “clean”, press and hold the KEY Activation Button for 10 seconds. You will hear a single long beep. You can then repeat the Auto Setup process if desired.

If the Auto Setup process did not complete successfully, you will hear sad music, followed by beeps that represent an error code. Count the number of beeps, ranging from 1 to 6, and refer to the Troubleshooting section. Once you've addressed the cause, you can quick-press the KEY Activation Button to run the Auto Setup process again.

Auto Setup FAQ

Q: How silent must the ambient noise be in order for the Auto Setup work properly?

A: As silent as possible, both inside and outside the vehicle. The HVAC should be off and the windows rolled up, with as few obstructions in the vehicle as possible. Lower frequency noises interfere more than higher frequency noises. In case the ambient noise is too much, the Auto Setup program will quit with sad music and error code #6.

Q: Can I put more than one KEY amplifier in my car?

A: Yes, however the Auto Setup program is designed to optimize the front-sound stage only. Only one KEY amplifier can use the Auto Setup feature.

Q: Can I use the KEY amplifier in addition to a subwoofer?

A: Yes, but care must be taken. Make sure you disconnect your subwoofer prior to the Auto Setup process. The subwoofer must stay quiet during the Auto Setup so the KEY amp can hear what the car speakers sound like without interference.

Upon successful completion of the Auto Setup, you can reconnect your subwoofer and use the crossover switches on the KEY amplifier to apply an adequate hi-pass to your speakers in order to match them with your subwoofer. If you've forgotten to disconnect your subwoofer and it plays pink noise during Auto Setup, the Auto Setup program will quit with sad music and error code #6.

Q: How does the Crossover work on the KEY amp?

A: In case no Auto Setup has been done, or the Auto Setup process was for Full-Range speakers (most cases), the 24dB/octave Linkwitz-Riley Hi-

pass crossover will be applied to all speakers. This crossover is user-selectable via DIP switches with the following options: OFF, 60 Hz, 80 Hz or 120 Hz.

In case of a Bi-Amp system with woofers and tweeters, the door speaker's hi-pass is user selectable and the lo-pass is 3.2 kHz 24 dB/octave. The tweeter's hi-pass is also 3.2 kHz 24db/octave.

In case of a Bi-Amp system with door and dash woofers, the door woofer's hi-pass is user selectable and the low-pass is 640 Hz 24 dB/octave. The dash woofer's hi-pass is 320 Hz 24db/octave. The overlap of 640 Hz low-pass with 320 Hz hi-pass is done on purpose to enrich the mid-range. The Auto EQ takes care of trimming excesses that can occur within this range.

Q: My Auto Setup program did not complete successfully, I am getting a sad song and beeps at the end. What is it?

A: The beeps at the end are the error codes of the Auto Setup program. Upon failure, please count the number of beeps after the sad song and troubleshoot with the information below.

Q: The Auto Setup process completed successfully, but I'm not happy with the sound. What other steps can I take?

A: Ensure all speakers connected to the KEY amplifier are wired in phase with each other. Be sure to check both the amplifier side and the speaker side of the wiring.

Visit www.kicker.com/tech to download the pink noise profile best suited for your listening habits!

Error Codes

Beeps	Reason	Troubleshooting Action
1	Tweeter found, but the BI-AMP switch is off	Enable the BI-AMP switch
2	BI-AMP switch is on, but there is no sound from a channel	Make sure all wiring is properly connected to the correct amplifier channels.
3	Auto Time Delay failed - possible blockage or disconnected speaker	Check speaker connections for disonnected wire. Avoid physical barriers. Possible faulty speaker.
4	Auto EQ failed	Make sure Pink Noise is loaded and playing on the head unit at an adequately high volume.
5	Front/Rear sensitivity correction failed	Check speaker connections for disonnected wire. Avoid physical barriers. Possible faulty speaker.
6	Too much ambient noise	Make sure any subwoofers are disconnected, fans are off, engine is off, windows are rolled up, doors are shut and external noise is at a minimum.

Troubleshooting

If your amplifier does not appear to be working, check the obvious things first such as blown fuses, poor or incorrect wiring connections, incorrect setting of crossover switch and gain controls, etc. There are Power (PWR) & Protection (PRT) LEDs on the side panel of your KICKER KEY series amplifier. Depending on the state of the amplifier and the vehicle's charging system, the LEDs will glow either green or red. When the green LED is lit, this indicates the amplifier is turned on and no trouble exists.

Green LED off, no output? With a Volt Ohm Meter (VOM) check the following: **❶**+12 volt power terminal (should read +12V to +16V) **❷**Remote turn-on terminal (should read +12V to +16V) **❸**Check for reversed power and ground connections **❹**Ground terminal, for proper conductivity.

Green LED on, no output? Check the following: **❶**RCA connections **❷**Test speaker outputs with a “known” good speaker. **❸**Substitute source unit with a “known” good source unit. **❹**Check for a signal in the RCA cable feeding the amplifier with the VOM meter set to measure “AC” voltage.

Red (PRT) LED flickering with loud music? The red (PRT) LED indicates low battery voltage. Check all the connections in your vehicle's charging system. It may be necessary to replace or charge your vehicle's battery or replace your vehicle's alternator.

Red (PRT) LED on, no output? **❶**Amplifier is very hot = thermal protection is engaged. Test for proper impedance at the speaker terminals with a VOM meter (see the diagrams in this manual for minimum recommended impedance and multiple speaker wiring suggestions). Also check for adequate airflow around the amplifier. **❷**Amplifier shuts down only while vehicle is running = voltage protection circuitry is engaged. Voltage to the amplifier is not within the 6–16 volt operating range. Have the vehicle's charging and electrical system inspected. **❸**Amplifier will only play at low volume levels = short circuit protection is engaged. Check for speaker wires shorted to each other or to the vehicle chassis. Check for damaged speakers or speaker(s) operating below the minimum recommended impedance.

LIMITER LED on? **❶**Input signal overdrive or gain set too high: Reduce the gain or the strength of the input signal. **❷**Thermal protection engaged due to heat sink temperature. Keep amplifier in climate controlled cabin, away from direct sunlight, or in a better ventilated area. **❸**Low input voltage (+12V line): Check your power supply wires and battery voltage. **❹**Compression switch is on: If not desired, turn the compression switch off.

No or low output? **❶**Check the balance and fader controls on source unit. **❷**Check the RCA (or speaker input) and speaker output connections. **❸**If using a Low-Level signal, make sure Radio Detect is OFF. **❹**Check the volume level on your source unit, to include the volume level of any connected phones or MP3 players.

Alternator noise-whining sound with engine's RPM? **❶**Check for damaged RCA (or speaker input) cable **❷**Check the routing of RCA (or speaker input) cable **❸**Check the source unit for proper grounding **❹**Check the gain settings and turn them down if they are set too high.

CAUTION: When jump starting the vehicle, be sure that connections made with jumper cables are correct. Improper connections can result in blown amplifier fuses as well as the failure of other critical systems in the vehicle.

If you have more questions about the installation or operation of your new KICKER product, see the Authorized KICKER Dealer where you made your purchase. For more advice on installation, click on the SUPPORT tab on the KICKER homepage, **www.KICKER.com**. Choose the TECHNICAL SUPPORT tab, choose the subject you are interested in, and then download or view the corresponding information. Please E-mail support@KICKER.com or call Technical Services (405) 624-8583 for unanswered or specific questions.

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 freightcollect 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 turnaround for all electronics (amplifiers, crossovers, equalizers, 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.

KICKER® KEY200.4™ 4-Channel Amplifier

Quick-Start Guide | Inicio Rápido | Démarrage Rapide | Schnellstartanleitung



Dear Music Enthusiast,

Thank you and congratulations on your purchase of the Kicker KEY200.4 smart audio amplifier! The KEY-Series amplifier combines our time proven audio designs with state-of-the-art patented digital technology, to provide the best audio performance in a vehicle. The KEY amplifier uses digital circuitry for gain-matching, frequency crossover control, AutoEQ, Compression, Limiter, Time Delay and more, that automatically tunes your system to audiophile performance in your vehicle. It's the best of all worlds, packed into a tiny powerhouse amp that delivers our signature Kicker Performance for your musical enjoyment.

Sincerely,
Steve Irby
President/CEO

Estimado amante de la música:

¡Gracias y felicitaciones por su compra del amplificador de audio inteligente KEY200.4 de Kicker! El amplificador de la serie KEY combina nuestros diseños de audio de calidad reconocida con tecnología digital moderna, para brindar el mejor rendimiento de audio en un vehículo. El amplificador KEY emplea circuitos digitales para sincronizar la ganancia, controlar el divisor de frecuencia, equalizar automáticamente, comprimir, limitar, retardar el tiempo y mucho más. Calibra automáticamente su sistema con el rendimiento digno de un audiófilo dentro de su vehículo. Es lo mejor de todos los mundos, presentado en forma de un potente amplificador diminuto que aloja a nuestro Kicker característico de alto rendimiento para que disfrute de la música.

Atentamente,
Steve Irby
Presidente/CEO

Chère/Cher audiophile,

Merci et félicitations pour votre achat d'amplificateur audio intelligent Kicker KEY200.4 ! L'amplificateur série KEY associe nos conceptions audio éprouvées à notre technologie numérique brevetée de pointe pour assurer les meilleures performances audio qui existent dans un véhicule. L'amplificateur KEY utilise un circuit numérique pour la correspondance de gain, le contrôle des filtres de fréquence, AutoEQ, la compression, le limiteur, le délai, etc. qui ajuste automatiquement votre système pour des performances dignes d'un audiophile dans votre véhicule. Il réunit le meilleur de tous les domaines, au sein d'un amplificateur puissant et compact qui assure des performances de niveau Kicker pour votre plaisir musical.

Cordialement,
Steve Irby
Président/PDG

Sehr geehrter Musikliebhaber,

Vielen Dank und herzlichen Glückwunsch zum Kauf des intelligenten Audioverstärkers Kicker KEY200.4! Der Verstärker der KEY-Serie kombiniert unsere bewährten Audiodesigns mit modernster, patentierter Digitaltechnologie, um die beste Audioleistung in einem Fahrzeug zu liefern. Der KEY-Verstärker verwendet digitale Schaltungen für Gain-Matching, Frequenzweichensteuerung, AutoEQ, Komprimierung, Begrenzer, Zeitverzögerung und mehr, die Ihr System automatisch auf audiophile Leistung in Ihrem Fahrzeug abstimmen. Er vereint das Beste aus allen Welten in einem kleinen Verstärker-Kraftwerk, das unsere unverwechselbare Kicker Performance für Ihren Musikgenuss liefert.

Mit freundlichen Grüßen

Steve Irby
President/CEO

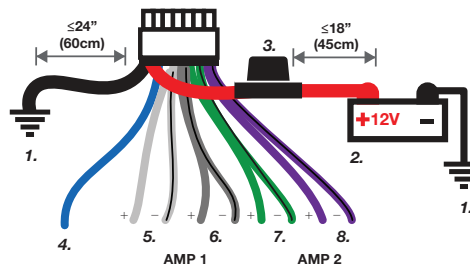
Wiring | Cabelado | Câblage | Verkabelung:

If needed, cut off the RCA connections to use hi-level input.

De ser necesario, desconecte las conexiones RCA para utilizar la entrada de alto nivel.

Coupez, au besoin, les connexions RCA pour utiliser une entrée haute.

Durchtrennen Sie gegebenenfalls die RCA-Verbindungen, um einen High-Level-Input zu verwenden.



speaker outputs
salidas del altavoz
sorties haut-parleur
Lautsprecherausgänge

Scan here for
owner's manual
Escanee aquí para manual
del Propietario



Scannen Sie hier nach
benutzerhandbuch
Scannez ici pour manuel
d'utilisation

1. ground | tierra | masse
2. battery | batería | batterie
3. fuse | fusible | sicherung
4. remote turn-on
 Mise sous tension à distance
 encendido a distancia
 Ferneinschaltung
5. left front | frontal izquierdo
 avant gauche | links vorne
6. right front | frontal derecho
 avant droit | rechts vorne
7. left rear | trasero izquierdo
 arrière gauche | links hinten
8. right rear | trasero derecho
 arrière droit | rechts hinten

IMPORTANT: KICKER recommends a professional installation performed by licensed providers. You are solely responsible for safely mounting and wiring your products.

IMPORTANT: KICKER recomienda que se realice una instalación profesional con proveedores con licencia. Usted es el único responsable por la instalación segura y el cableado de sus productos.

IMPORTANT: KICKER recommande une installation professionnelle effectuée par des fournisseurs agréés. Vous êtes l'unique responsable du montage et du câblage de vos produits en toute sécurité.

WICHTIG: KICKER empfiehlt eine professionelle Montage durch lizenzierte Anbieter. Sie haben die alleinige Verantwortung für die sichere Montage und Verkabelung Ihrer Geräte.

KEY Auto Setup: Disconnect any speakers or subwoofers not connected to the KEY amplifier, factory or aftermarket.

Make sure active noise cancellation and active noise enhancement are disabled beforehand. You will need to load a source for pink noise from your head unit, whether CD, MP3, AUX, Bluetooth, USB etc. Uncompressed audio is recommended for best results, as this will ensure full amplitude across the frequency spectrum (20Hz–20kHz).

1. Set the KEY amplifier gains (AMP-1 and AMP-2) to the minimum (fully counter-clockwise).
2. Close the car windows, turn off the engine, turn off the HVAC. Install the microphone to the top of the driver's side headrest. Make sure the microphone faces up, pointing as straight as possible to the roof.
3. In most cases, the Bi-Amp switch should be OFF.
4. Start the Pink Noise. Set the Pink Noise volume to a level above conversational (slightly loud) using your audio source volume control (usually head-unit).
5. Begin the Auto Setup by quick-pressing the KEY Activation Button. Once initialized, you will hear repeating tones (beeps), which indicate that you must exit the vehicle and close the door. You will have 10 seconds until the process begins. Beeps and noises during the KEY Auto Setup process can be loud. For your safety, please do not remain inside the vehicle!
6. Once the Auto Setup has completed, you will hear happy music for a successful setup. You may quick-press the KEY Activation Button to toggle between the original, non-optimized audio or re-apply the KEY optimized audio. Dial in the GAIN settings and you're done!
7. If the Auto Setup fails, you will hear sad music and a series of error beeps for a failed setup. At this point refer to the owner's manual for troubleshooting tips to determine what may have caused the error.

Configuración automática de KEY: Desconecte cualquier altavoz o subwoofer que no esté conectado al amplificador KEY, de fábrica o genérico.

Desactive la cancelación de ruido activo y el aumento de ruido activo. Deberá cargar una fuente para ruido rosa desde su unidad de control, ya sea CD, MP3, AUX, Bluetooth, USB, etc. Se recomienda un audio descomprimido para lograr mejores resultados, ya que esto garantizará una total amplitud en el espectro de frecuencias (20 Hz–20 kHz). Visite www.kicker.com/tech para descargar el perfil de ruido rosa que mejor se adapte a sus hábitos auditivos.

1. Ajuste las ganancias del amplificador KEY (AMP-1 y AMP-2) al mínimo (completamente hacia la izquierda).
2. Cierre las ventanillas del auto, apague el motor y el sistema de climatización. Instale el micrófono en la parte superior del apoyacabezas del conductor. Asegúrese de que el micrófono esté hacia arriba, apuntando al techo lo más recto posible.
3. En muchos casos, el interruptor Bi-Amp debe estar apagado.
4. Inicie el ruido rosa. Ajuste el volumen del ruido rosa a un nivel superior al de una conversación (un poco ruidoso) utilizando el control de volumen de su fuente de audio (generalmente la unidad de control).
5. Comience la configuración automática al presionar rápidamente el botón de activación de KEY. Una vez iniciada, escuchará tonos repetitivos (bips) que indican que debe salir del vehículo y cerrar la puerta. Tendrá 10 segundos hasta que comience el proceso. Los bips y los sonidos durante la configuración automática de KEY pueden ser ruidosos. Por su seguridad, ¡no permanezca dentro del vehículo!
6. Una vez que se ha completado esta configuración, escuchará una música agradable que indica que la configuración fue exitosa. Puede presionar rápidamente el botón de activación de KEY para alternar entre el audio original no optimizado o volver a aplicar el audio optimizado de KEY. Una vez completado, ajusta tu ganancia.
7. Si la configuración automática falla, escuchará una música triste y una serie de bips de error que indican que la configuración no se completó con éxito. En ese momento, consulte el manual del propietario y busque consejos de resolución de problemas que lo ayuden a determinar la causa del error.

Auto-configuration du KEY : Débranchez tous les haut-parleurs ou haut-parleurs de graves qui ne sont pas reliés à l'amplificateur KEY, d'origine ou ajoutés.

Désactivez l'annulation active du bruit et l'amélioration du bruit avant de commencer. Vous devrez charger une source de bruit rose à partir de votre unité principale, qu'il s'agisse d'un CD, de MP3, de la voie AUX, de Bluetooth, d'USB, etc. Un signal audio non compressé est recommandé pour donner les meilleurs résultats, car cela garantira une pleine amplitude sur tout le spectre des fréquences (20 Hz - 20 kHz). Consultez www.kicker.com/tech pour télécharger les profils de bruit rose les plus adaptés à votre écoute habituelle !

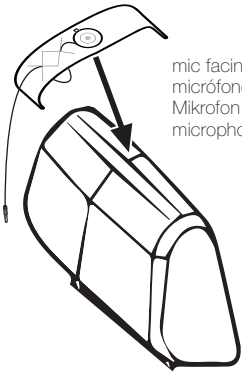
1. Réglez les gains de l'amplificateur KEY (AMP-1 et AMP-2) au minimum (à fond dans le sens anti-horaire).
2. Fermez les fenêtres de la voiture, arrêtez le moteur, éteignez la climatisation. Installez le microphone au sommet de l'appui-tête côté conducteur. Veillez à ce que le microphone soit tourné vers le haut, en direction du toit aussi directement que possible.
3. Dans la plupart des cas, l'interrupteur Bi-Amp doit être en position OFF.
4. Démarrez le bruit rose. Réglez le volume du bruit rose à un niveau supérieur à celui d'une conversation (un peu élevé) à l'aide du réglage du volume de votre source audio (généralement l'unité principale).
5. Démarrez une auto-configuration en appuyant brièvement le bouton d'activation du KEY. Une fois la procédure initiée, vous entendrez des sons répétés (des bips) qui indiqueront que vous devez sortir du véhicule et fermer la porte. Vous aurez 10 secondes avant que la procédure démarre. Le volume des bips et du bruit durant la procédure d'auto-configuration du KEY peut être fort. Pour votre sécurité, veuillez quitter l'intérieur du véhicule !
6. Une fois l'auto-configuration terminée, vous entendrez une petite musique de fête indiquant la réussite du processus. Vous pouvez appuyer brièvement sur le bouton d'activation du KEY pour passer à l'audio d'origine, non optimisé ou revenir au son audio optimisé pour le KEY. Une fois terminé, réglez votre gain.
7. Si la configuration automatique échoue, une petite musique triste retentira ainsi qu'une série de bips d'erreur pour un échec de configuration. À ce stade, reportez-vous au manuel d'utilisation pour trouver des conseils de dépannage afin de déterminer ce qui peut avoir provoqué cette erreur.

KEY-Autosetup: Diskonnkieren Sie Lautsprecher oder Subwoofer, die nicht mit dem KEY-Verstärker verbunden sind, ob Fabrik- oder Aftermarket-Lautsprecher.

Stellen Sie sicher, dass die aktive Geräuschunterdrückung und die aktive Geräuschverstärkung deaktiviert sind, bevor Sie beginnen. Sie müssen eine Quelle für rosa Rauschen aus Ihrer Haupteinheit laden, wie CD, MP3, AUX, Bluetooth, USB usw. Für ein optimales Ergebnis wird unkomprimiertes Audio empfohlen, da dies eine volle Amplitude über das Frequenzspektrum (20 Hz bis 20 kHz) ermöglicht. Besuchen Sie www.kicker.com/tech, um das Rosa-Rauschen-Profil herunterzuladen, das am besten zu Ihren Hörgewohnheiten passt!

1. Stellen Sie KEY-Verstärkungen (AMP-1 und AMP-2) auf den Minimalwert ein (vollständig gegen den Uhrzeigersinn).
2. Schließen Sie die Autofenster und schalten Sie den Motor und die Klimaanlage aus. Installieren Sie das Mikrofon oben auf der seitlichen Kopfstütze des Fahrers. Stellen Sie sicher, dass das Mikrofon nach oben und so gerade wie möglich auf das Dach zeigt.
3. In den meisten Fällen sollte der Zweifachverstärker-Schalter ausgeschaltet sein.
4. Starten Sie das rosa Rauschen. Stellen Sie die Lautstärke des rosa Rauschens auf ein Niveau oberhalb von Unterhaltungen (mäßig laut) mithilfe Ihres Audioquellen-Lautstärkeregers ein (in der Regel die Haupteinheit).
5. Beginnen Sie das Autosetup, indem Sie die KEY-Aktivierungstaste schnell drücken. Nach der Initialisierung hören Sie sich wiederholende Töne (Piepen), was darauf hinweist, dass Sie das Fahrzeug verlassen und die Tür schließen müssen. Sie haben 10 Sekunden, bevor der Vorgang beginnt. Pieptöne und Geräusche während des KEY-Autosetup-Vorgangs können sehr laut sein. Bleiben Sie zu Ihrer eigenen Sicherheit bitte nicht im Fahrzeug!
6. Sobald das Autosetup abgeschlossen ist, hören Sie fröhliche Musik, die ein erfolgreiches Setup bedeutet. Sie können schnell die KEY-Aktivierungstaste drücken, um zum originalen, nicht optimierten Audio zu wechseln oder wieder zum optimierten KEY-Audio überzugehen. Wenn Sie fertig sind, stellen Sie Ihre Verstärkungen.
7. Wenn die automatische Einrichtung fehlschlägt, hören Sie traurige Musik und eine Reihe von Piepstönen als Fehlermeldung für ein fehlergeschlagenes Setup. In diesem Fall finden Sie im Benutzerhandbuch Tipps zur Fehlerbehebung und wie Sie ermitteln können, was den Fehler verursacht haben könnte.

KEY Activation Button
botón de activación de KEY
bouton d'activation du clavier
KEY-Aktivierungstaste



mic facing up
micrófono hacia arriba
Mikrofon nach oben
microphone vers le haut

headrest
apoyacabezas
Kopfstütze
appui-tête