



KICKER[®]
SUBWOOFERAMPLIFIER
SIGNAL-MODULATED MONOCHANNEL
WX10000.1



Caution The Kicker WX amplifier outputs extremely high voltage signals from the voice coil (speaker) outputs and can cause serious injury or death from electrocution. It is imperative to read the manual carefully and follow all of the recommended safety precautions before installing the WX amplifier.



WX.1 Series Amplifier
Owner's Manual

Signal-Modulated Mono Channel
Subwoofer Amplifier

Model: WX10000.1

Congratulations on your KICKER purchase

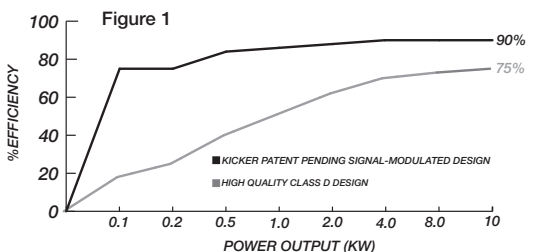
Please record your purchase information and keep your sales receipt for validation of warranty.

Authorized Kicker Dealer: _____
 Purchase Date: _____
 Amplifier Model Number: WX10000.1
 Amplifier Serial Number: _____

INSTALLATION

The Kicker Warhorse amplifier was specifically designed for competition car audio. Sporting 10,000 RMS watts of pure Kicker power, the ultra-high-efficiency design of the WX amplifier revolutionizes traditional methods of amplification. While most amplifiers use a power supply combined with an amplification circuit to amplify the audio signal, the Warhorse skips a step by amplifying the audio signal directly from its patent pending signal-modulated power supply. The signal-modulated power supply amplifies each polarity of the audio signal separately through its two voice coil outputs to optimally drive dual-voice coil subwoofers and provide a competitive edge in SPL contests. From gold plated power connectors and low profile planar transformers to the latest Texas Instruments DSP technology, no expense was spared to make the Warhorse the most powerful and efficient mono amplifier in mobile audio.

The patent pending signal-modulated design of the Warhorse amplifier is the most powerful and efficient design available in mobile audio, rated at 90% efficiency at full power with a 2 ohm load. The graph compares the Warhorse amplifier's efficiency ratings to those of industry standard Class D amplifiers.



Installation . . . as easy as 1, 2, 3

1. Mounting Choose a structurally sound location to mount your Kicker amplifier. The amplifier should be mounted as close as possible to the battery network and be electrically isolated from the vehicle ground. The distance from the battery network to the amplifier should not exceed 48" (122cm). It is important to mount the amplifier before running any wires or supplying power to the amplifier. The amplifier secures to the vehicle with an insertable mounting bracket used in combination with two mounting holes located on the bottom plate of the control panel. You are solely responsible for securely fastening the WX amplifier in your vehicle.

Before mounting the amplifier, the control panel shield must be removed. The control panel should remain accessible for adjustment, leaving enough room to access the mounting holes and remove or attach the control panel shield. 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. After choosing the best location, secure the mounting bracket to the vehicle. Use the bracket as a template to drill nine (9) holes with a 3/16" (4.8mm) bit into the appropriate locations. Attach the bracket to the mounting location with the nine (9) supplied #10 (5mm) screws inserted through the nine (9) included screw insulators.

Next, slide the amplifier over the mounting bracket and into the mounting slot. Make sure the mounting bracket is properly inserted into the mounting slot and locate the two mounting holes on the bottom plate of the control panel. Use the mounting holes as a template and drill two (2) holes using a 3/16" (4.8mm) bit into the appropriate locations. Secure the bottom plate of the control panel with the two (2) #10 (5mm) screws.

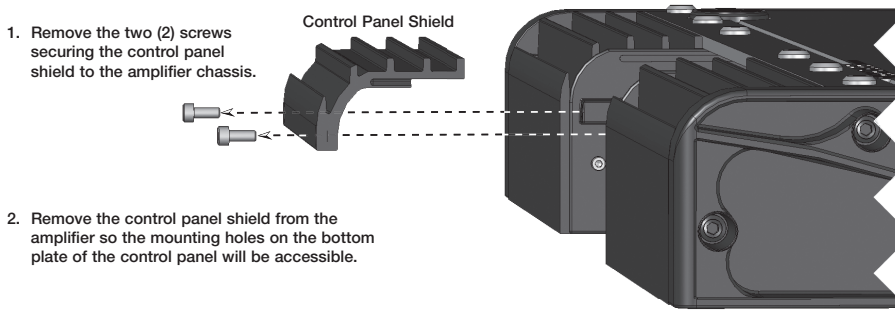


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WX10000.1 AMPLIFIER

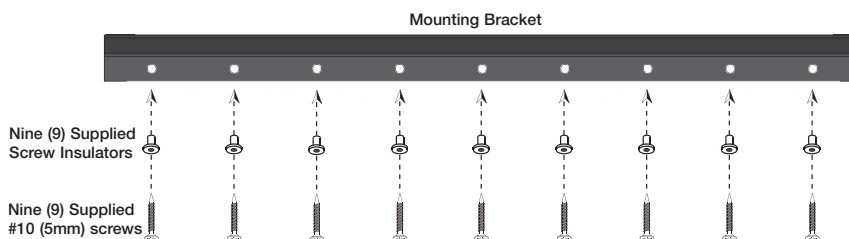
Figure 2

Before mounting the amplifier, be sure there is adequate space in the mounting position to take the control panel shield on or off and to easily access the amplifier's controls.

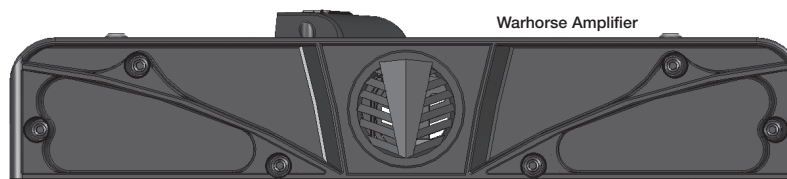


1. Remove the two (2) screws securing the control panel shield to the amplifier chassis.
2. Remove the control panel shield from the amplifier so the mounting holes on the bottom plate of the control panel will be accessible.

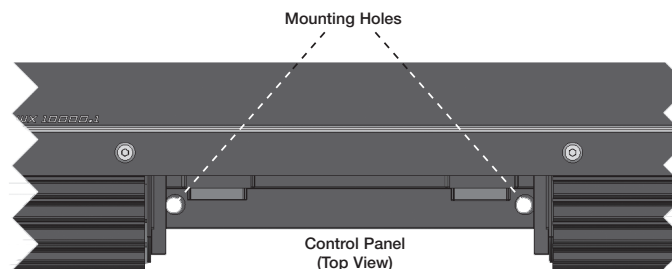
3. After determining the best mounting position for the amplifier, use the mounting bracket as a template to drill nine (9) holes with a 3/16" (4.8mm) bit into the appropriate locations. Attach the bracket to the mounting location with the nine (9) supplied #10 (5mm) screws inserted through the nine (9) included screw insulators.



4. Slide the Warhorse over the mounting bracket and insert the mounting bracket into the mounting slot on the bottom of the amplifier.



5. Locate the additional mounting holes on the bottom plate of the control panel. Use the mounting holes as a template to drill two holes using a 3/16" (4.8mm) bit into the appropriate locations. Secure the bottom plate of the control panel with the two (2) #10 (5mm) screws. You are solely responsible for securely fastening the amplifier in your vehicle.



INSTALLATION

2. Wiring Before wiring the Warhorse amplifier, disconnect the vehicle's batteries to avoid an electrical short. Eight (8) identical, high-quality, 800-cold-cranking-ampere (cca), 12-volt batteries are recommended to power the WX amplifier. All power and ground wires should be as short as possible and utilize 1/0 gauge wire. Remove the wire guide and power hood from the amplifier as shown in Figure 3. Connect three (3) ground wires from the amplifier's negative power connector to the negative terminals of three (3) batteries in the battery network.

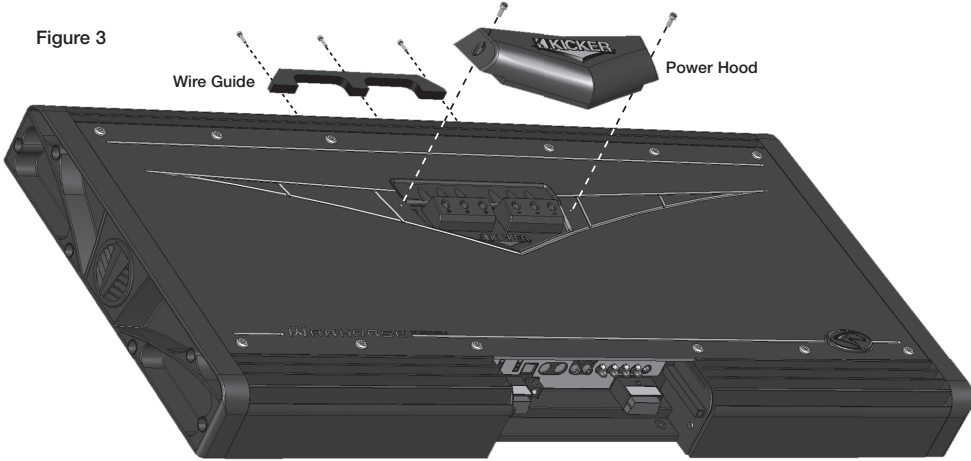
From two (2) of the batteries in the battery network, connect 1/0 gauge ground wire from the negative terminals of the batteries to a paint-free and corrosion-free solid-metal area of the vehicle's chassis. Make the ground wires short, 18" (45cm) or less. To reduce noise, make sure the ground wires connect to the same piece of metal and are within 18" (45cm) of each other.

With the control panel shield removed, connect a twisted pair of RCA (low-level) interconnect cable, carrying the incoming audio signal, to the RCA inputs on the amplifier. Connect the speaker wires to the supplied Anderson™ connectors. Use 8 gauge wire and strip 9/16" (14mm) from the end being inserted into the metal contacts. The wire should be secured by placing the metal contact into a vise and melting solder inside the metal contact. Then, insert the stripped wire into the molten solder within the contact. Do not use acid core solder.

The Warhorse amplifier requires at least two (2) 200-ampere-output-capacity alternators. For each alternator, connect a 250 ampere fuse within 18" (45cm) of each alternator and a second 250 ampere fuse within 18" (45cm) of the battery network. Without adequate charging capability, the WX amplifier can draw enough current to shut down your vehicle's computer system. This may adversely affect your ability to control your vehicle. See Figure 4.

The three (3) positive 1/0 gauge power wires should be the last wires connected in the installation. Install the supplied Kicker three (3) gang ANL fuse holder within 18" (45cm) of the battery network and in-line with the three (3) power cables connected to the amplifier's positive power connector. Improper connections will damage the amplifier and/or cause serious injury or death. If you ever need to remove the amplifier from the vehicle after it has been installed, the ground wires should be the last wires disconnected from the amplifier, just the opposite as when you installed it. See Figure 4.

INSTALLATION



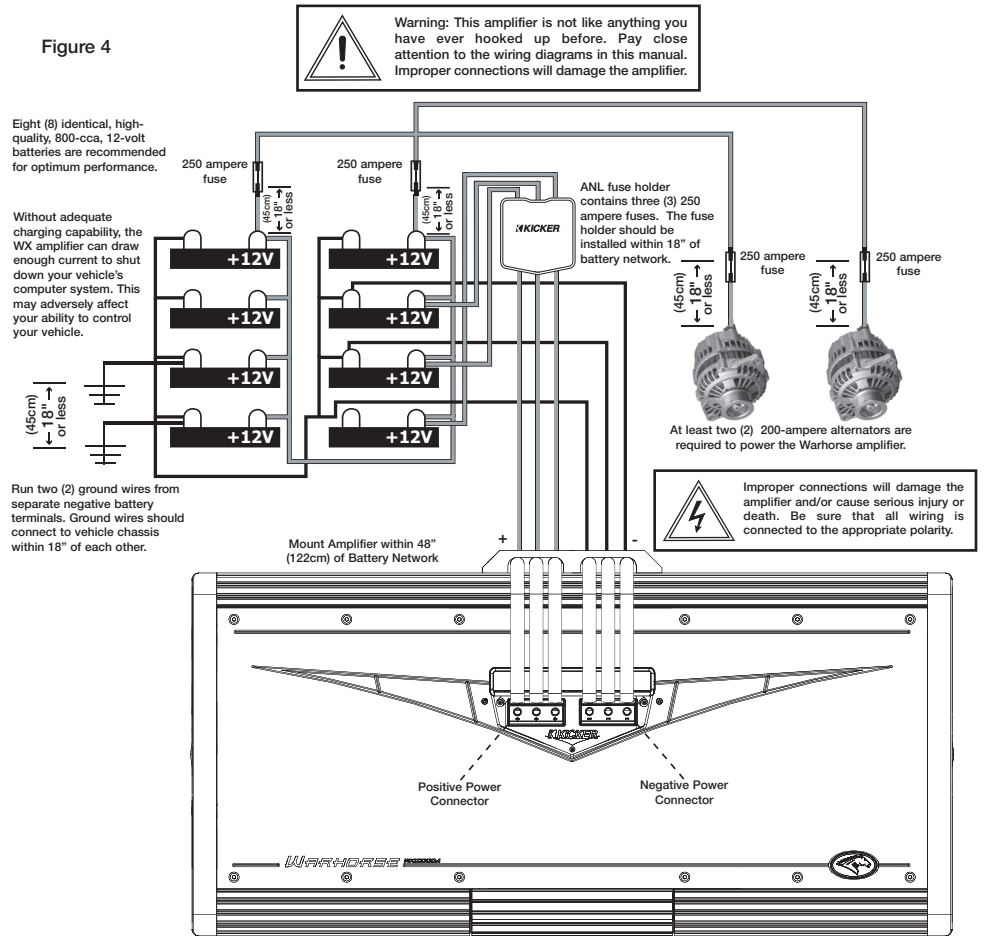
If you have more questions about the installation or operation of your new KICKER product, see the Authorized KICKER Dealer where you made your purchase. For more advice on installation, click on the SUPPORT tab on the Kicker homepage, www.kicker.com. Choose the TECHNICAL SUPPORT tab, choose the product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

Note: To get the best performance from your new Kicker Amplifier, we recommend using genuine Kicker Accessories and Wiring. All specifications and performance figures are subject to change. Please visit the www.kicker.com for the most current information.

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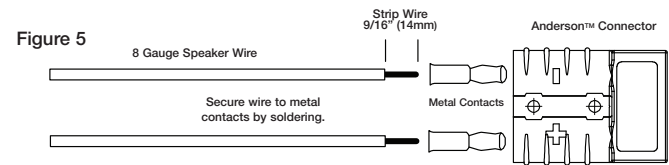
3. Configuration The following diagram shows the recommended mono configuration for your Kicker WX amplifier. The WX amplifier can only drive extremely high-power-rated, dual-voice coil speakers. We recommend using one or more Kicker SoloX Subwoofers. Each voice coil (speaker) output is rated at 2 ohms minimum.

Model WX10000.1 Fuse Three (3) x 250 Ampere Power Ground Wire Three (3) x 1/0 Gauge



CONFIGURATION

Caution The WX amplifier outputs dangerous voltage levels from the voice coil (speaker) outputs and can cause serious injury or death from electrocution. Never contact the voice coil outputs, connect speakers, or contact speaker wires while the amplifier is turned on.



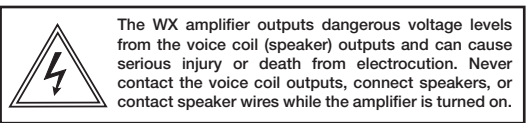
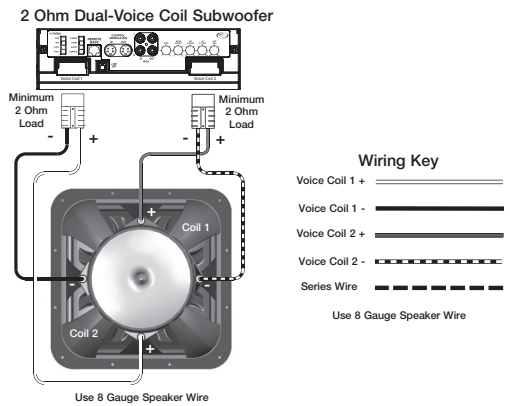


Figure 6



Two (2) 4 ohm Dual-Voice Coil Subwoofers

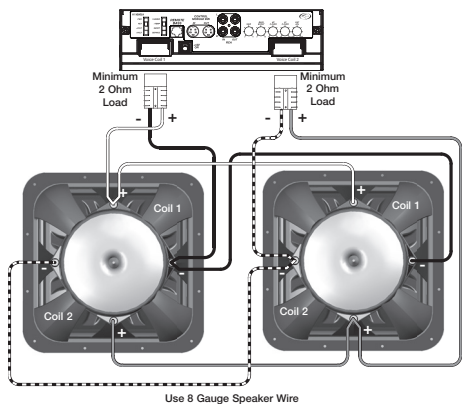
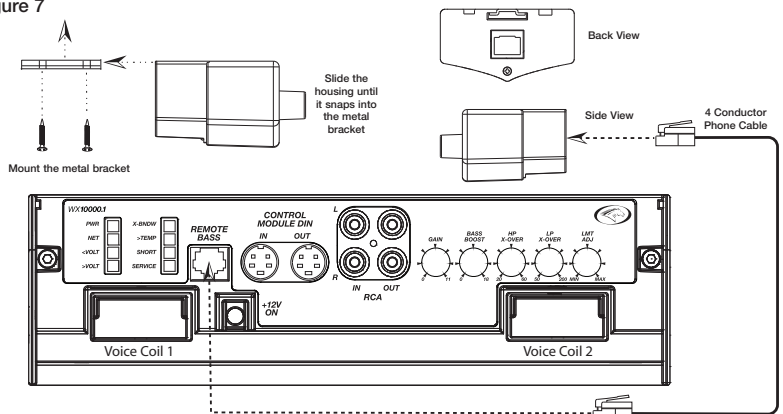
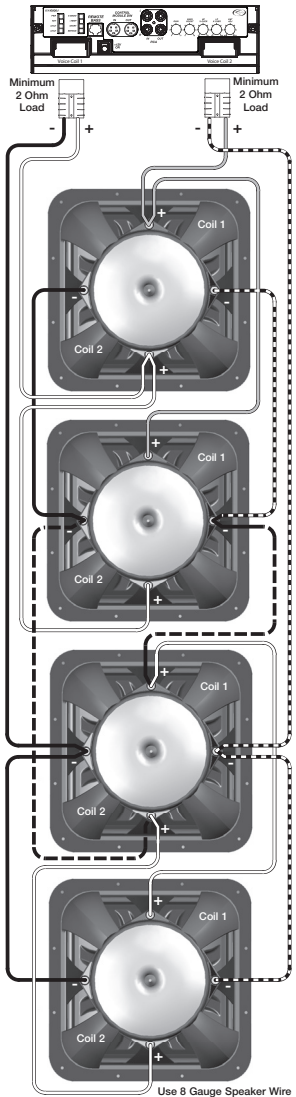


Figure 7



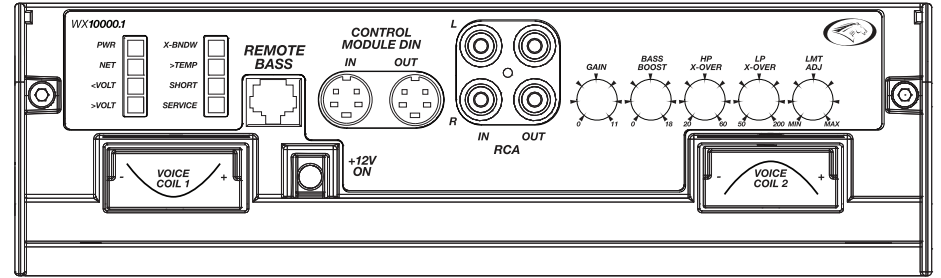
WX10000.1 AMPLIFIER

Four (4) 2 ohm Dual-Voice Coil Subwoofers



CONFIGURATION

Figure 8

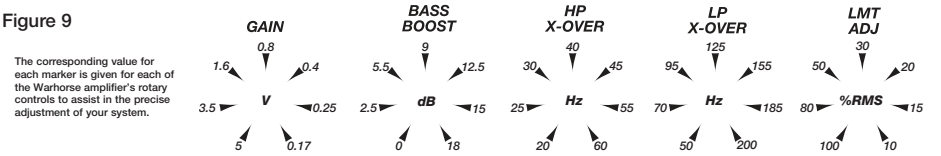


Operation

Within the control panel shield, the Kicker WX amplifier has five (5) rotary controls, input jacks for the Remote Bass level control, and input/output jacks for the optional WX control module. The control panel delivers a full range of options for processing the signal that powers your subwoofers. To remove the control panel shield, simply remove the two (2) screws as shown in Figure 5.

- 1. InputGainControl** The input gain control is not a volume control. It matches the output of the source unit to the input level of the amplifier. *Please use hearing protection before performing the following procedure.* Disconnect the Remote Bass level control and turn the source unit up to about 3/4 volume (if the source unit goes to 30, turn it to 25). Next, slowly turn (clockwise) the gain on the amplifier up until you can hear audible distortion, then turn it down a little.
- 2. BassBoostControl** The bass boost control is designed to give you increased output 0 - 18dB at 40 Hz. The setting for this control is subjective. If you turn it up, you must go back and adjust the input gain control to avoid clipping the amplifier.
- 3. HighPassSubsonicCrossover** The variable high-pass crossover located on the control panel utilizes a 24dB per octave 20 - 60Hz high-pass crossover. The setting for this control is subjective but should be adjusted to appropriately accommodate your enclosure in order to prevent damage from high excursion and increase the power handling of the subwoofer(s).
- 4. LowPassCrossover** The variable low-pass crossover located on the control panel utilizes a 24dB per octave 50 - 200Hz low-pass filter. The setting for this control is subjective; 80 Hz is a good place to start.
- 5. AdjustableLimiterControl** The limiter adjusts the maximum RMS output of the Warhorse. If your vehicle's charging system is inadequate to provide full power to the WX series amplifier, adjust the limiter control clockwise to reduce the amplifier's power consumption and maintain an operational level that will protect your subwoofer(s) from damage. If the <VOLT LED is on and the amplifier is frequently shutting down due to under voltage, try turning the limiter control up (clockwise) until this is no longer a problem.

Figure 9



6. RemoteBass(Level Control) With the remote bass level control, you have the ability to control the level of the subwoofer(s) remotely. To mount the remote bass level control, simply screw the metal bracket to the chosen location. Then slide the housing onto the bracket until it snaps into place. Run the cable from the controller to the "Remote Bass" jack on the amplifier chassis. See Figure 6.

7. WarhorseControlModule The optional Warhorse control module opens up a wide range of operational possibilities within the Warhorse. The control module can simultaneously control up to 16 WX amplifiers and puts additional signal processing features in the palm of your hand. These include bandpass crossover with adjustable slopes, limiter adjustment, phase inversion, single-band parametric equalization, voltage range adjustment, battery voltage display, tone generator, and individual amplifier muting. Contact your Kicker dealer for more information about the Warhorse control module and its features. It is necessary to purchase the control module to access the full range of possibilities available from your Kicker Warhorse amplifier.

OPERATION


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 eight LEDs on the control panel of your Kicker WX series amplifier. The LED display may help identify the problem. The amplifier's protection circuitry induces a muted safe mode if any excessive conditions have occurred outside of the amplifier's normal operational range. These conditions are indicated by the LEDs on the amplifier's control panel.

○ **1. PWR LED on/off** Smart power indicator turns on when the amplifier is on and functioning properly.

○ **2. NET LED on/off** Indicates the optional remote control module is connected to the Control Module DIN input on the amplifier. See Figure 8.

○ **3. <VOLT LED on/off** The Under Voltage LED turns on when the voltage supplied to the amplifier drops below 9 volts. The amplifier will remain in the muted safe mode until the voltage supply increases to 9.5 volts. If the amplifier goes into mute mode often, as a result of under voltage, you may need to do one or more of the following: a) turn up the limiter control on the amplifier's control panel, b) check the connections, c) replace batteries with identical units or charge existing batteries, d) add additional identical batteries to the vehicle's battery network, e) add an additional alternator to your vehicle.




Without adequate charging capability, the WX amplifier can draw enough current to shut down your vehicle's computer system. This may adversely affect your ability to control your vehicle.

○ **4. >VOLT LED on/off** The Over Voltage LED turns on when the voltage supplied to the amplifier exceeds 16 volts and the muted safe mode has been activated. After the voltage supply drops below 15.5 volts, the amplifier will automatically turn back on.

○ **5. X-BNDW LED on/off** Because of the combined high pass and low pass filters built into the rotary control section of the amplifier, it is possible to cause a reduction in output by adjusting the bandwidth too narrow or overlapping the high and low pass crossover frequencies. The X-BNDW LED turns on if this has occurred and is causing a reduction in output.

○ **6. >TEMP LED on/off** If the temperature of the amplifier's heatsink exceeds 158F (70C), it will activate the muted safe mode. When the temperature decreases to 149F (65C), the amplifier will automatically turn back on. If this LED is on, turn the amplifier off and test resistance at the speaker terminals with a digital multimeter (see Figure 6 in this manual for multiple speaker wiring suggestions). Also, check for adequate airflow around the amplifier.



The WX amplifier outputs dangerous voltage levels from the voice coil (speaker) outputs. Never contact the voice coil outputs, connect speakers, or speaker wires if the amplifier is turned on. Turning the amplifier on without loading both voice coil outputs or connecting the speaker(s) will increase the risk of electrical shock and could damage the amplifier.

○ **7. Short LED on/off** The short LED will light up if the electrical current coming out of the amplifier's voice coil (speaker) outputs exceeds a peak of 130 ampere. The Warhorse Amplifier tests the outputs every three (3) seconds to protect the amplifier from electrical shorts and will turn off automatically if any short is detected. With the amplifier turned off and speakers disconnected, check for speaker wires shorted to each other or to the vehicle's chassis. Check for damaged speaker(s), or speaker(s) operating below the minimum recommended impedance. Because of the dangerous voltage output of the amplifier, it is important to turn the amplifier off before attempting to repair any short or problem with the voice coil output wiring.

○ **8. Service LED on/off** If the service LED turns on, the amplifier most likely requires repair. In some cases, the service LED will illuminate if the voice coil (speaker) outputs are not both loaded at the same time. Turn the amplifier off and check the wiring for abrasions. Make sure that the amplifier is wired correctly to the speakers as indicated in Figure 6. If no problems are found with the speaker wire or connections and the service LED remains on, contact the Authorized Kicker dealer from whom you purchased the amplifier.

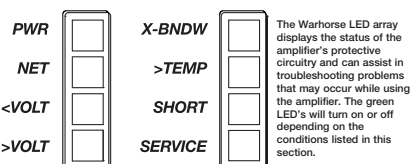


Figure 10

WarhorseDesignFeatures

1. Patent Pending Signal-Modulated Power Supply The WX amplifier's patent pending signal modulated power supply combined with its custom planar transformers achieves efficiency ratings yet to be matched in mobile audio, operating at 90% efficiency at a 2 ohm load and 93% efficiency at a 4 ohm load at full power.

2. Planar Transformer Design The WX amplifier's four (4) planar transformers are excellent for high power applications and are custom designed to handle 5,000 watts each, leaving more than enough power headroom to operate reliably and consistently at full RMS with 20,000 watts of total capability.

3. Texas Instruments DSP The Warhorse uses the latest Texas Instruments industrial grade DSP to handle the amplifier's pulse-width modulation, manage signal processing, and control the amplifier's protection circuitry.

4. Insulated Metal Substrate Cooling The Warhorse design uses insulated aluminum material for optimum heat transfer between power devices and the heatsink. Lower operating temperatures improve performance and durability while allowing for a smaller overall footprint.

5. Heavy Duty Industrial Bus Bars The Warhorse has been outfitted with solid copper industrial grade bus bars. With 70 square millimeters of cross sectional area, the WX amplifier's heavy duty bus bars are specifically engineered to maximize the current carrying capability within the amplifier.

6. Super Thick, 4 Ounce Double Sided PCB When you are livin' this loud, you have to have a strong foundation. The circuit board used in the Warhorse is 50% thicker than the industry standard and uses the heaviest available 4 ounce thick copper traces and plated-through holes. This assures the circuit board can transfer the current needed for an amplifier of this magnitude.

7. Oversized Gold Plated Power Connectors The Warhorse amplifier's gold plated power connectors were custom designed with multiple power terminals to maximize current carrying capability to the amplifier's signal-modulated power supply.

8. Industrial Grade Anderson™ Speaker Connectors The 50 ampere Anderson™ connectors packaged with the Warhorse amplifier allow minimal contact resistance at high current. The housing of the connectors was designed to prevent polarity mismatches when connecting speakers and also protects fingers or probes from touching the metal contacts to provide additional safety from the high voltage signals coming from the voice coil (speaker) outputs.

9. Dual Thermostatically-Controlled Push-Pull Cooling Fans Twin push-pull fans are mounted on the side of the amplifier to improve airflow and provide additional cooling for the amplifier.

Performance

Model	WX10000.1
RMS Power in Watts	10000 x 1
@14.4V, 2Ω Mono, ≤1.5% THD+N	5000 x 1
@14.4V, 4Ω Mono, ≤1.5% THD+N	
Length:	35" (888mm)
Height:	3 3/4" (96mm)
Width:	17 3/4" (450mm)
Weight:	66.8 lb (30.3kg)
Frequency Response, + 0 / - 1 dB:	20 Hz - 200 Hz
Signal-to-Noise Ratio:	>95 dB, a-weighted, re: rated power
Input Sensitivity:	170 mV - 5 V low level,
Low Pass Crossover:	Variable Low-Pass, 50 - 200Hz, 24dB per octave
High Pass Sub-Sonic Crossover:	Variable High Pass, 20 - 60Hz, 24dB per octave
Bass Boost:	Variable 0 to +18 dB boost @ 40 Hz



Model WX10000.1
5000 x 1 @ 4 ohms, 14.4Vdc, 1% THD, CEA-2006 (Watts)
Signal to Noise Ratio -60 CEA-2006 (ref: 1W, A-weighted)

Warhorse Limited Warranty

KICKER warrants this product to be free from defects in material and workmanship under normal use for a period of THREE (3) MONTHS from date of original purchase with receipt. When purchased from an Authorized KICKER Dealer it is warranted for TWO (2) YEARS from date of original purchase with receipt. 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 at no charge. 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 KICKER Dealer for warranty service. Assistance in locating an Authorized Dealer can be found at www.kicker.com or by contacting KICKER 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 all defective items in the original container or in a package that will prevent shipping damage, and return to:

Stillwater Designs, 5021 North Perkins Road, 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.

Include a copy of the original receipt with the purchase date clearly visible, and a "proof-of-purchase" statement listing your name and return shipping address, the 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, serious injury, or death to the installer, user, or listener.
- o Damage due to improper installation.
- o Subsequent damage to other components, the vehicle, installer, user, or listener.
- 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 returned without a Return Merchandise Authorization (RMA) number.
- 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 72-hour service 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.

International Warranty

Contact your International KICKER dealer or distributor concerning specific procedures for your country's warranty policies.

WARNING: 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.

GARANTÍA INTERNACIONAL *Versión Español*

Comuníquese con su concesionario o distribuidor KICKER internacional para obtener información sobre procedimientos específicos relacionados con las normas de garantía de su país.

ADVERTENCIA: Los excitadores KICKER son capaces de producir niveles de sonido que pueden dañar permanentemente el oído. Subir el volumen del sistema hasta un nivel que produzca distorsión es más dañino para el oído que escuchar un sistema sin distorsión al mismo volumen. El dolor es siempre una indicación de que el sonido es muy fuerte y que puede dañar permanentemente el oído. Sea precavido cuando controle el volumen.

La frase "combustible para vivir la vida Livin' Loud™ a todo volumen" se refiere al entusiasmo por la vida que la marca KICKER de estéreos de automóvil representa y a la recomendación a nuestros clientes de que vivan lo mejor posible ("a todo volumen") en todo sentido. La línea de altavoces y amplificadores KICKER es la mejor del mercado de audio de automóviles y por lo tanto representa el "combustible" para vivir a todo volumen en el área de "estéreos de automóvil" de la vida de nuestros clientes. Recomendamos a todos nuestros clientes que obedezcan todas las reglas y reglamentos locales sobre ruido en cuanto a los niveles legales y apropiados de audición fuera del vehículo.

INTERNATIONALE GARANTIE *Deutsche Version*

Nehmen Sie mit Ihren internationalen KICKER-Fachhändler oder Vertrieb Kontakt auf, um Details über die Garantieleistungen in Ihrem Land zu erfahren.

WARNUNG: KICKER-Treiber können einen Schallpegel erzeugen, der zu permanenten Gehörschäden führen kann! Wenn Sie ein System auf einen Pegel stellen, der hörbare Verzerrungen erzeugt, schadet das Ihren Ohren mehr, als ein nicht verzerrtes System auf dem gleichen Lautstärkepegel. Die Schmerzschwelle ist immer eine Anzeige dafür, dass der Schallpegel zu laut ist und zu permanenten Gehörschäden führen kann. Seien Sie bei der Lautstärkeinstellung bitte vernünftig!

Der Slogan "Treibstoff für Livin' Loud" bezieht sich auf die mit den KICKER-Autostereosystemen assoziierte Lebensfreude und die Tatsache, dass wir unsere Kunden ermutigen, in allen Aspekten ihres Lebens nach dem Besten ("Livin' Loud") zu streben. Die Lautsprecher und Verstärker von KICKER sind auf dem Markt für Auto-Soundsysteme führend und stellen somit den "Treibstoff" für das Autostereoelebnis unserer Kunden dar. Wir empfehlen allen unseren Kunden, sich bezüglich der zugelassenen und passenden Lautstärkepegel außerhalb des Autos an die örtlichen Lärmvorschriften zu halten.

GARANTIE INTERNATIONALE *Version Française*

Pour connaître les procédures propres à la politique de garantie de votre pays, contactez votre revendeur ou distributeur International KICKER.

AVERTISSEMENT: Les haut-parleurs KICKER ont la capacité de produire des niveaux sonores pouvant endommager l'ouïe de façon irréversible ! L'augmentation du volume d'un système jusqu'à un niveau présentant une distorsion audible endommage davantage l'ouïe que l'écoute d'un système sans distorsion au même volume. Le seuil de la douleur est toujours le signe que le niveau sonore est trop élevé et risque d'endommager l'ouïe de façon irréversible. Réglez le volume en faisant preuve de bon sens !

L'expression "carburant pour vivre plein pot" fait référence au dynamisme de la marque KICKER d'équipements audio pour véhicules et a pour but d'encourager nos clients à faire le maximum ("vivre plein pot") dans tous les aspects de leur vie. Les haut-parleurs et amplificateurs KICKER sont les meilleurs dans le domaine des équipements audio et représentent donc pour nos client le "carburant pour vivre plein pot" dans l'aspect "installation audio de véhicule" de leur vie. Nous encourageons tous nos clients à respecter toutes les lois et réglementations locales relatives aux niveaux sonores acceptables à l'extérieur des véhicules.



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