



User's Guide

by Scott Summers

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If problems persist, read the following troubleshooting tips which may help eliminate the problems. The high level inputs should only be used when your head unit lacks RCA outputs. If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. Protection LED comes on when amplifier is powered up. Check for short circuits on speaker leads. Turn down the volume control on the head unit to prevent overdriving. Remove speaker leads, and reset the amplifier. If the Protection LED still comes on, then the amplifier is faulty and needs servicing. High hiss in the speakers. Disconnect all RCA inputs to the amplifiers. If the hiss disappears, then plug in the component driving the amplifier and unplug its inputs. It is best to set the amplifier input level control as low as possible. The best subjective signal-to-noise ratio is achieved in this manner. Try to set the head unit as high as possible without distortion and the amp input level as low as possible. Squealing noise from speakers. Check for improperly grounded RCA interconnects. Distorted sound. Check that the Input Level Control is set to match the signal level of the head unit. Always try to set the Input Level as low as possible. Check that all crossover frequencies are properly set. Check for short circuits on the speaker leads. Amplifier gets very hot. Check that the minimum speaker impedance for the amp model is correct. Check that there is good air circulation around the amp. In some applications, it may be necessary to add external cooling fans. Engine noise static type This is usually caused by poor quality RCA cables, which can pick up radiated noise. <http://egicosolutions.com/userfiles/contact-lens-user-manual.xml>

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Use only the best quality cables, and route them away from power cables. Engine noise alternator whine Check that speaker leads are not shorted to the vehicle chassis. Check that the RCA grounds are not shorted to the vehicle chassis. Check that the head unit is properly grounded. Dangerous high voltages are present which may result in electric shock. Your CHAOS EXXTREME amplifier has been designed to operate efficiently at loads down to 2 Ohms. This means that you can install four 8 Ohm speakers per channel, when using parallel wiring. Increasing the number of woofers per channel at low frequencies below 100 Hz produces an acoustic coupling effect. This acoustic coupling effect increases your power output by about 3dB per speaker, or the equivalent of an additional 10W per speaker. When operating at 2 Ohms, the amplifiers will increase their output power by approximately 50%. The current draw will also increase by about the same amount, so be sure you have enough current to run the amplifiers into a 2 Ohm load. If you lack adequate current, your music reproduction will be distorted. Low level RCA input wiring is preferred for best audio performance. Always use a high quality RCA cable for best audio performance. Tri Mode RIGHT Speaker LEFT Speaker To Audio Outputs of head unit or signal processor amplifier Low level RCA input wiring is preferred for best audio performance. Always use a high quality RCA cable for best audio performance. To FRONT Audio Outputs of head unit or signal processor The high level inputs should only be used when your head unit lacks RCA outputs. If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. <http://gainliving.com/upload/editor/contact-lens-society-of-america-contact-lens-manual.xml>

4Channel Amplifiers To SUBWOOFER Audio Outputs of the head unit or signal processor if present CH5 Subwoofer Tri Mode CH 4 Speaker CH 3 Speaker Lowlevel RCA input wiring is preferred for best audio performance. Always use a highquality RCA cable for best audio performance. The high level inputs should only be used when your head unit lacks RCA outputs. If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. MonoBlock Amplifier To Speaker Terminals of head unit MonoBlock Amplifier To Speaker Terminals of head unit 2 Introduction 2 What is included 3 Features 3 About 2 Ohm operation 4 General precautions 4 Installation precautions 4 Mounting the amplifier 5 Connecting the amplifier 6 Low level input wiring 9 High level input wiring 12 2CH Power and Speaker wiring 2CH and Bridged Modes 13 2CH Power and Speaker wiring TriMode 14 4CH Power and Speaker wiring 4CH and Bridged Modes 15 4CH Power and Speaker wiring TriMode 16 5CH Power and Speaker wiring 5CH Mode 17 5CH Power and Speaker wiring Bridged Mode 18 5CH Power and Speaker wiring TriMode 19 MonoBlock Power and Speaker wiring 20 Troubleshooting 21 Specifications Congratulations on your purchase of a CHAOS EXXTREME Amplifier. It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will afford you years of listening pleasure. Thank you for making your choice for car audio entertainment. All specifications subject to change without notice. Ask your question here. Provide a clear and comprehensive description of the issue and your question. The more detail you provide for your issue and question, the easier it will be for other Boss CX450 owners to properly answer your question.

Ask a question About the Boss CX450 This manual comes under the category Car Radios and has been rated by 1 people with an average of a 8.8. This manual is available in the following languages English. Do you have a question about the Boss CX450 or do you need help. Ask your question here Boss CX450 specifications Brand The biggest difference between FM radio stations compared to AM radio stations is the sound quality. When the volume exceeds 120 decibels, direct damage can even occur. The chance of hearing damage depends on the listening frequency and duration. Check that the red wire is connected to the contact power supply and the yellow wire to the constant power supply. Dust in hardto reach places is best removed with compressed air. ManualSearcher.com ensures that you will find the manual you are looking for in no time. Our database contains more than 1 million PDF manuals from more than 10,000 brands. Every day we add the latest manuals so that you will always find the product you are looking for. Its very simple just type the brand name and the type of product in the search bar and you can instantly view the manual of your choice online for free. ManualSearcher. com If you continue to use this site we will assume that you are happy with it. Read more Ok. Your Boss CX450 owners manual can be opened using a pdf reader thats freely available. Download your Boss CX450 user manual today. Whether youre having a problem with your Boss CX450 or you just want to find out more about it, its always good to have your owners manual handy. Download it, save it and keep it safe for future reference just in case you need to troubleshoot problems, repair the unit, or simply have a desire to learn its full capabilities. Companies decide for themselves on what to include and what NOT to include in the owners manual. Some companies will provide full specifications for their products in the manual, while some provide only the necessary specs for consumers to know.

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Each company is different. You must download the Boss CX450 manual, and read it, in order to find out what is all included in the PDF file i.e. warranty, specs, troubleshooting guide, use and maintenance. If problems persist, read the following troubleshooting tips which may help eliminate the problems. The high level inputs should only be used when your head unit lacks RCA outputs. If the RCA outputs are not present, connect the speaker outputs from the receiver

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Engine noise static type This is usually caused by poor quality RCA cables, which can pick up radiated noise. Use only the best quality cables, and route them away from power cables. Engine noise alternator whine Check that speaker leads are not shorted to the vehicle chassis. Check that the RCA grounds are not shorted to the vehicle chassis. Check that the head unit is properly grounded. **TriMode** Before installing and using your new amplifier, please become familiar with all the information contained in this manual. Dangerous high voltage represents which may result in electric shock. Your CHAOS EXXTREME amplifier has been designed to operate efficiently at loads down to 2 Ohms. This means that you can install four 8 Ohm speakers per channel, when using parallel wiring. Increasing the number of woofers per channel at low frequencies below 100 Hz produces an acoustic coupling effect. This acoustic coupling effect increases your power output by a bout 3dB per speaker, or the equivalent of an additional 10W per speaker. When operating at 2 Ohms, the amplifiers will increase their output power by approximately 50%. The current draw will also increase by about the same amount, so be sure you have enough current to run the amplifiers into a 2 Ohm load. If you lack adequate current, your music reproduction will be distorted. Low level RCA input wiring is preferred for best audio performance. Always use a high quality RCA cable for best audio performance. **TriMode** RIGHT Speaker LEFT Speaker To Audio Outputs of head unit or signal processor amplifier Low level RCA input wiring is preferred for best audio performance. Always use a high quality RCA cable for best audio performance. To FRONT Audio Outputs of head unit or signal processor The high level inputs should only be used when your head unit lacks RCA outputs.

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If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. **4Channel Amplifiers** To SUBWOOFER Audio Outputs of head unit or signal processor if present CH5 Subwoofer **TriMode** CH4 Speaker CH3 Speaker Low level RCA input wiring is preferred for best audio performance. Always use a high quality RCA cable for best audio performance. The high level inputs should only be used when your head unit lacks RCA outputs. If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. **MonoBlock Amplifier** To Speaker Terminals of head unit **MonoBlock Amplifier** To Speaker Terminals of head unit 2 Introduction 2 What is included 3 Features 3 About 2 Ohm operation 4 General precautions 4 Installation precautions 4 Mounting the amplifier 5 Connecting the amplifier 6 Low level input

wiring 9 High level input wiring 12 2CH Power and Speaker wiring 2CH and Bridged Modes 13 2CH Power and Speaker wiring T riMode 14 4CH Power and Speaker wiring 4CH and Bridged Modes 15 4CH Power and Speaker wiring T riMode 16 5CH Power and Speaker wiring 5CH Mode 17 5CH Power and Speaker wiring Bridged Mode 18 5CH Power and Speaker wiring T riMode 19 MonoBlock Power and Speaker wiring 20 Troubleshooting 21 Specifications Congratulations on your purchase of a CHAOS EXXTREME Amplifier. It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will afford you years of listening pleasure. Thank you for making your choice for car audio entertainment. All specifications subject to change without notice. Connect the Negative terminal of the LEFT subwoofer to the CH4 amplifier terminal.

Connect the Negative terminal of the subwoofer to the R amplifier terminal. Bridged Mode Four Channel Mode Bridged Mode Connect the Negative terminal of the RIGHT subwoofer to the CH2 amplifier terminal. Connect the Negative terminal of the LEFT subwoofer to the CH4 amplifier terminal. To FRONT Audio Outputs of head unit or signal processor Remote Subwoofer Level Control To Audio Outputs of head unit or signal processor To REAR Audio Outputs of head unit or signal processor To Speaker Terminals of head unit To Speaker Terminals of head unit To Speaker Terminals of head unit High pass filter crossover To Speaker Terminals of head unit U kunt hieronder aangeven waarom deze vraag ongepast is. Wij controleren de vraag en zonodig wordt deze verwijderd. Emailadressen en volledige namen worden niet als privegegevens beschouwd. Wij vragen u dus ook te reageren op een antwoord. Laat uw emailadres achter op deze site, zodat u op de hoogte blijft. U krijgt dan ook andere vragen en antwoorden te zien. De handleiding is 3,19 mb groot. Als u geen email heeft ontvangen, dan heeft u waarschijnlijk een verkeerd emailadres ingevuld of is uw mailbox te vol. Daarnaast kan het zijn dat uw internetprovider een maximum heeft aan de grootte per email. Omdat hier een handleiding wordt meegestuurd, kan het voorkomen dat de email groter is dan toegestaan bij uw provider. Controleer uw email Vul dan hier uw emailadres in. Post your question here in this forum. We're committed to dealing with such abuse according to the laws in your country of residence. When you submit a report, we'll investigate it and take the appropriate action. We'll get back to you only if we require additional details or have more information to share. Note that email addresses and full names are not considered private information. Please mention this; Therefore, avoid filling in personal details. Please enter your email address.

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If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. Protection LED comes on when amplifier is powered up. Check for short circuits on speaker leads. Turn down the volume control on the head unit to prevent overdriving. Remove speaker leads, and reset the amplifier. If the Protection LED still comes on, then the amplifier is faulty and needs servicing. High hiss in the speakers. Disconnect all RCA inputs to the amplifiers. If the hiss disappears, then plug in the component driving the amplifier and unplug its inputs. It is best to set the amplifiers input level control as low as possible. The best subjective signal-to-noise ratio is achieved in this manner. Try to set the head unit as high as possible without distortion and the amp input level as low as possible. Squealing noise from speakers. Check for improperly grounded RCA interconnects. Distorted sound. Check that the Input Level Control is set to match the signal level of the head unit. Always try to set the Input Level as low as possible. Check that all crossover frequencies are properly set. Check for short circuits on the speaker leads. Amplifier gets very hot. Check that the minimum speaker impedance for the amp model is correct. Check that there is good air circulation around the

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Page 4 General precautions Before installing and using your new amplifier, please become familiar with all the information contained in this manual. Dangerous high voltages are present which may result in electric shock. Page 5 Connecting the amplifier Before doing any wiring, look through this

manual and identify the diagrams to follow for power, input and speaker connections for your particular installation. Be sure you understand all the connections before you proceed. 1. Connect the power ground terminal to the closest point on the chassis of the car. Use 8 gauge or heavier. Page 6 Low Level Input Wiring Lowlevel RCA input wiring is preferred for best audio performance. Always use a highquality RCA cable for best audio performance. NOTE Do not connect BOTH the high level and low level inputs from your receiver to your amplifier at the same time. Remote Subwoofer Level Control 2Channel Amplifiers CX250, CX450, CX550, CX750, CX950, and CX1250 LEFT RIGHT INPUT LEVEL POWER REMOTE SUBWOOFER LEVEL CONTROL BASS BOOST. Page 7 Low Level Input Wiring Lowlevel RCA input wiring is preferred for best audio performance. Always use a highquality RCA cable for best audio performance. Page 8 Low Level Input Wiring Lowlevel RCA input wiring is preferred for best audio performance. Always use a highquality RCA cable for best audio performance. NOTE Do not connect BOTH the high level and low level inputs from your receiver to your amplifier at the same time. Page 9 High Level Input Wiring The high level inputs should only be used when your head unit lacks RCA outputs. If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. NOTE Do not connect BOTH the high level and low level inputs from your receiver to your amplifier. Page 10 High Level Input Wiring The high level inputs should only be used when your head unit lacks RCA outputs.

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Page 20 Troubleshooting If you experience operation or performance problems with this product, compare your installation with the electrical wiring diagram on the previous pages. If problems persist, read the following troubleshooting tips which may help eliminate the problems. SYMPTOM POSSIBLE REMEDY Amplifier will not power up. Check to make sure you have a good ground connection. Check that the Remote Input TurnOn has at least 3VDC. Check that there is battery. Page 21 Specifications 2Channel MOSFET Amplifiers MODEL CX250 CX450 CX550 CX750 CX950 CX1250 RMS POWER 75W x 2 110W x 2 125W x 2 220W x 2 300W x 2 380W x 2 200W X 2 300W X 2 400W X 2 800W X 2 1000W X 2 1250W X 2 400W X 1 600W x 1 800W x 1 1600W x 1 2000W x 1 2500W x 1 into 4 Ohms. Page 22 Notes. Page 23 Notes. Page 24 Notes. This document for download All trademarks and brands are the property of their respective owners. Please check your inbox, and

if you can't find it, check your spam folder to make sure it didn't end up there. Please also check your spam folder. This new series includes a two monoblock amps, six 2channel, four 4channel amplifiers and a 5channel amp. They also incorporate an input voltage sensitivity selector for added system flexibility. You can control the subwoofer level with the remote level control module. If something is missing, contact the store where you purchased the amplifier. This acoustic coupling effect increases your power output by about 3dB per speaker, or the equivalent of an additional 10W per speaker. The current draw will also increase by about the same amount, so be sure you have enough current to run the amplifiers into a 2 Ohm load. Dangerous high voltages are present which may result in electric shock. Refer any repairs to a qualified service technician. If this does occur, immediately unplug the power wires and send the amplifier to your local dealer or service center as soon as possible.

Take special care when you work near the gas tank, fuel lines, hydraulic lines and electrical wiring. Attach all audio system components securely to prevent damage, especially in an accident. Confirm that your head unit or other equipment is turned off while connecting the input jacks and speaker terminals. Using a fuse of a different type or rating may result in damage to your audio system or your amplifier which is not covered by the manufacturer's warranty. Use a scribe or mounting screw, inserted through each of the amp's mounting holes, to mark the mounting surface. If the mounting surface is carpeted, measure the hole centers and mark with a felt tip pen. Place the amplifier in position, and attach the amplifier to the mounting surface securely using screws. There are dangerous voltages present within the unit. There are no user-serviceable parts within the unit. Be sure you understand all the connections before you proceed. Use 8 gauge or heavier wire. Then run separate cables from the amplifier to this distribution block and to independent chassis ground points. Connect all speakers, following the diagrams in this manual. Be sure to observe proper polarity to avoid audio phase problems. It is designed ONLY to match the output level of your audio source to the input level of your amplifier. It can also cause the protection circuit to engage. Always use a high-quality RCA cable for best audio performance. Always use a high-quality RCA cable for best audio performance. If the RCA outputs are not present, connect the speaker outputs from the receiver to the high level input connector of the amplifier. Be sure to observe polarity to avoid audio phase problems. Protection LED comes on when amplifier is powered up. Check for short circuits on speaker leads. Turn down the volume control on the head unit to prevent overdriving. Remove speaker leads, and reset the amplifier.

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