

gemin[®]

XGA PROFESSIONAL AMPLIFIER

USER MANUAL



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INTRODUCTION

Congratulations on purchasing a Gemini XGA Series professional amplifier! This state-of-the-art power amplifier includes the latest features and is backed by a one year limited warranty. Prior to use, we suggest that you carefully read all the instructions. With the proper care & maintenance, your unit will provide years of reliable, uninterrupted service. All Gemini products are backed by a 1-year limited warranty*.

PREPARING FOR FIRST USE

Please ensure that you find these accessories included with your XGA Series amplifier:

- (1) XGA Amplifier
- (1) Power Cable
- (1) User Manual
- (1) Warranty Card

PRECAUTIONS

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electrical shock, do not open the unit. There are ***NO USER REPLACEABLE PARTS INSIDE***. Please refer servicing to a qualified Gemini service technician. Do not attempt to return this equipment to your dealer.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should be cleaned only with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. ***DO NOT EXPOSE THIS UNIT TO WATER OR HEAT.***
7. ***DO NOT USE CLEANING PRODUCTS OR LUBRICANTS ON THE CONTROLS OR SWITCHES.***

PLEASE READ CAREFULLY BEFORE PROCEEDING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire, or other hazards.

- **READ INSTRUCTIONS** - All the safety and operating instructions should be read before the product is operated.
- **RETAIN INSTRUCTIONS** - The safety and operating instructions should be retained for future reference. All the safety and operating instructions should be read before the product is operated.
- **HEED WARNINGS** - All warnings on the product and in the operating instructions should be adhered to.
- **FOLLOW INSTRUCTIONS** - All operating and use instructions should be followed.
- **CLEANING** - The product should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzene, insecticides or other volatile liquids since they may corrode the cabinet.
- **WATER AND MOISTURE** - Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
- **DO NOT OPEN** - Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified GEMINI service personnel.
- **REPLACEMENT PARTS** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- **VENTILATION** - The XGA amplifier should be situated so that its location or position does not interfere with its proper ventilation. For example, the Component should not be situated on a bed, sofa, rug, or similar surface that may block any ventilation openings, or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through ventilation openings
- **CONNECTIONS** - Before connecting the device to other devices, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.
 - Use only speaker cables for connecting speakers to the speaker jacks. Use of other types of cables may result in fire.
 - Be sure to observe the amplifier's rated load impedance, particularly when connecting speakers in parallel. Connecting an impedance load outside the amplifier's rated range can damage the amplifier.

CONNECTIONS



1. **Power Switch:** Powers on the unit.
2. **Channel 1/Channel 2 Volume Knob:** Adjusts volume of amplifier.
3. **XLR and 1/4" Input:** Amplifier inputs.
4. **Mode Switch:** This switch controls the amplifier's operating mode. The amplifier can operate in two different modes; Mono Bridge or Stereo.
5. **Ground Switch:** This switch allows the ground signal or chassis ground linking to be separated in case of a ground conflict. For the safety of the amp, it is recommended to keep the switch in the GND FLOATING position. In case of a ground conflict please set the switch to GND LIFT.
6. **Speakon Output:** Optional speaker output connections. Use pins 1+ and 1- of this 4-pole Speakon connector to connect to your speaker's Speakon input jack.
7. **Bridge and Ground Connections:** Connect to your speaker's input jack. Red is positive signal and Black is negative signal. When using Bridge Mode, use Channels 1 & 2 positive connectors (Red).
Note: In Bridge (Mono) mode, CH2 input is used. Audio connected to CH 1 will not get routed to speaker output.
8. **Power Cord Receptacle:** Plug your power cable in here

Register your product online at: www.geminisound.com/register

WARRANTY AND REPAIR

All Gemini products are designed and manufactured to the highest standards in the industry. With proper care and maintenance, your product will provide years of reliable service.

LIMITED WARRANTY

A. Gemini guarantees its products to be free from defects in materials and workmanship for One (1) year from the original purchase date. Exceptions: Laser assemblies on CD Players, cartridges, and crossfaders are covered for 90 days.

B. This limited warranty does not cover damage or failure caused by abuse, misuse, abnormal use, faulty installation, improper maintenance or any repairs other than those provided by an authorized Gemini Service Center.

C. There are no obligations of liability on the part of Gemini for consequential damages arising out of or in connection with the use or performance of the product or other indirect damages with respect to loss of property, revenues, of profit, or costs of removal, installation, or reinstallation. All implied warranties for Gemini, including implied warranties for fitness, are limited in duration to One (1) year from the original date of purchase, unless otherwise mandated by local statutes.

RETURN/REPAIR

A. In the U.S.A., please call our helpful Customer Service Representatives at (732) 346-0061, and they will be happy to give you a Return Authorization Number (RA#) and the address of an authorized service center closest to you.

B. After receiving an RA#, include a copy of the original sales receipt, with defective product and a description of the defect. Send by insured freight to: Gemini and use the address provided by your customer service representative. Your RA# must be written on the outside of the package, or processing will be delayed indefinitely!

C. Service covered under warranty will be paid for by Gemini and returned to you. For non-warranted products, Gemini will repair your unit after payment is received. Repair charges do not include return freight. Freight charges will be added to the repair charges.

D. On warranty service, you pay for shipping to Gemini, we pay for return shipping within the continental United States. Alaska, Hawaii, Puerto Rico, Canada, Bahamas, and the Virgin Islands will be charged for freight.

E. Please allow 2-3 weeks for return of your product.

Under normal circumstances your product will spend no more than 10 working days at Gemini. We are not responsible for shipping times.

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PREPARACIÓN PARA EL PRIMER USO

Asegúrese de encontrar estos accesorios incluidos con su amplificador de la serie XGA:

- (1) Amplificador XGA
- (1) Cable de alimentación
- (1) Manual del usuario
- (1) Tarjeta de garantía

CONEXIONES



1. **Interruptor de encendido:** Enciende la unidad.
2. **Perilla de volumen del canal 1 / canal 2:** ajusta el volumen del amplificador.
3. **XLR y Entrada de 1/4":** Entradas de amplificador.
4. **Interruptor de modo:** este interruptor controla el modo de funcionamiento del amplificador. El amplificador puede funcionar en dos modos diferentes; Puente Mono o Estéreo.
5. **Interruptor de tierra:** Este interruptor permite separar la señal de tierra o la toma de tierra del chasis en caso de un conflicto de tierra. Para la seguridad del amplificador, se recomienda mantener el interruptor en la posición GND FLOATING. En caso de conflicto en tierra, configure el cambio a GND LIFT.
6. **Salida Speakon:** Conexiones de salida de altavoz opcionales. Utilice los pines 1+ y 1- de este conector Speakon de 4 polos para conectarse a la toma de entrada Speakon de su altavoz.
7. **Conexiones de puente y tierra:** Conéctese al conector de entrada de su altavoz. El rojo es la señal positiva y el negro es la señal negativa. Cuando utilice el modo puente, utilice los conectores positivos de los canales 1 y 2 (rojo).
Nota: En el modo Bridge (Mono), se utiliza la entrada CH2. El audio conectado a CH 1 no se enrutará a la salida del altavoz.
8. **Receptáculo de cable de alimentación:** Conecte su cable de alimentación aquí

PRÉPARATION EN VUE DE LA PREMIÈRE UTILISATION

Assurez-vous de trouver ces accessoires inclus avec votre amplificateur de la série XGA :

- (1) Amplificateur XGA
- (1) Câble d'alimentation
- (1) Manuel de l'utilisateur
- (1) Carte de garantie

CONNEXIONS



1. **Interrupteur d'alimentation:** Met l'appareil sous tension.
2. **Bouton de volume Channel 1 / Channel 2:** Ajuste le volume de l'amplificateur.
3. **XLR et entrée 1/4 « :** entrées amplificateur.
4. **Commutateur de mode:** Ce commutateur contrôle le mode de fonctionnement de l'amplificateur. L'amplificateur peut fonctionner dans deux modes différents; Mono Bridge ou Stéréo.
5. **Interrupteur à la terre:** Cet interrupteur permet de séparer le signal de terre ou la masse du châssis en cas de conflit au sol. Pour la sécurité de l'ampli, il est recommandé de maintenir l'interrupteur en position GND FLOATING. En cas de conflit au sol, veuillez régler le commutateur sur GND LIFT.
6. **Sortie Speakon:** Connexions de sortie de haut-parleur en option. Utilisez les broches 1+ et 1- de ce connecteur Speakon à 4 pôles pour vous connecter à la prise d'entrée Speakon de votre haut-parleur.
7. **Connexions de pont et de terre :** connectez-vous à la prise d'entrée de votre haut-parleur. Le rouge est un signal positif et le noir est un signal négatif. Lorsque vous utilisez le mode Pont, utilisez les connecteurs positifs des canaux 1 et 2 (rouge).
Remarque : En mode Pont (Mono), l'entrée CH2 est utilisée. L'audio connecté à CH 1 ne sera pas acheminé vers la sortie du haut-parleur.
8. **Prise de cordon d'alimentation:** Branchez votre câble d'alimentation ici

VORBEREITUNG AUF DIE ERSTE VERWENDUNG

Bitte stellen Sie sicher, dass Sie dieses Zubehör im Lieferumfang Ihres Verstärkers der XGA-Serie finden:

- (1) XGA-Verstärker
- (1) Netzkabel
- (1) Benutzerhandbuch
- (1) Garantiekarte

VERBINDUNGEN



1. **Netzschalter:** Schaltet das Gerät ein.
2. **Kanal 1 / Kanal 2 Lautstärkereglern:** Passt die Lautstärke des Verstärkers an.
3. **XLR und 1/4" Eingang:** Verstärkereingänge.
4. **Modusschalter:** Dieser Schalter steuert den Betriebsmodus des Verstärkers. Der Verstärker kann in zwei verschiedenen Modi betrieben werden; Mono Bridge oder Stereo.
5. **Ground Switch:** Mit diesem Schalter kann das Ground-Signal oder die Chassis-Masse im Falle eines Bodenkonflikts getrennt werden. Für die Sicherheit des Verstärkers wird empfohlen, den Schalter in der GND FLOATING-Position zu halten. Im Falle eines Bodenkonflikts stellen Sie bitte auf GND LIFT um.
6. **Speakon-Ausgang:** Optionale Lautsprecherausgangsanschlüsse. Verwenden Sie die Pins 1+ und 1- dieses 4-poligen Speakon-Anschlusses, um eine Verbindung zur Speakon-Eingangsbuchse Ihres Lautsprechers herzustellen.
7. **Brücken- und Masseanschlüsse:** Schließen Sie sie an die Eingangsbuchse Ihres Lautsprechers an. Rot ist ein positives Signal und Schwarz ist ein negatives Signal. Wenn Sie den Bridge-Modus verwenden, verwenden Sie die positiven Anschlüsse der Kanäle 1 und 2 (Rot).
Hinweis: Im Bridge-Modus (Mono) wird der CH2-Eingang verwendet. Audio, das an CH 1 angeschlossen ist, wird nicht an den Lautsprecherausgang weitergeleitet.
8. **Netzkabelbuchse:** Stecken Sie Ihr Netzkabel hier ein

PREPARAZIONE PER IL PRIMO UTILIZZO

Assicurati di trovare questi accessori inclusi con il tuo amplificatore della serie XGA:

- (1) Amplificatore XGA
- (1) Cavo di alimentazione
- (1) Manuale utente
- (1) Scheda di garanzia

CONNESSIONI



1. **Interruttore di alimentazione:** accende l'unità.
2. **Manopola del volume del canale 1 / canale 2:** regola il volume dell'amplificatore.
3. **Ingresso XLR e 1/4":** ingressi amplificatore.
4. **Interruttore di modalità:** questo interruttore controlla la modalità operativa dell'amplificatore. L'amplificatore può funzionare in due diverse modalità; Mono Bridge o Stereo.
5. **Interruttore di terra:** questo interruttore consente di separare il segnale di terra o la messa a terra dello chassis in caso di conflitto di terra. Per la sicurezza dell'amplificatore, si consiglia di mantenere l'interruttore in posizione GND FLOATING. In caso di conflitto di terra, impostare l'interruttore su GND LIFT.
6. **Uscita Speakon:** connessioni di uscita altoparlanti opzionali. Usa i pin 1+ e 1- di questo connettore Speakon a 4 poli per collegarti al jack di ingresso Speakon dell'altoparlante.
7. **Connessioni a ponte e a terra:** collega al jack di ingresso dell'altoparlante. Il rosso è un segnale positivo e il nero è un segnale negativo. Quando si utilizza la modalità Bridge, utilizzare i connettori positivi dei canali 1 e 2 (rosso).
Nota: in modalità Bridge (Mono), viene utilizzato l'ingresso CH2. L'audio collegato a CH 1 non verrà instradato all'uscita dell'altoparlante.
8. **Presenza del cavo di alimentazione:** collega il cavo di alimentazione qui

VOORBEREIDING VOOR HET EERSTE GEBRUIK

Zorg ervoor dat u deze accessoires vindt die bij uw XGA-serie versterker worden geleverd:

- (1) XGA Versterker
- (1) Voedingskabel
- (1) Gebruikershandleiding
- (1) Garantiekaart

VERBINDINGEN



1. **Aan/uit-schakelaar:** schakelt het apparaat in.
2. **Kanaal 1/kanaals 2 volumeknop:** past het volume van de versterker aan.
3. **XLR en 1/4" Ingang:** Versterker ingangen.
4. **Modusschakelaar:** Deze schakelaar regelt de bedrijfsmodus van de versterker. De versterker kan in twee verschillende modi werken; Mono Bridge of Stereo.
5. **Ground Switch:** Met deze schakelaar kan het grondsignaal of de chassisarde worden gescheiden in geval van een grondconflict. Voor de veiligheid van de versterker wordt aanbevolen om de schakelaar in de GND FLOATING-positie te houden. In geval van een grondconflict kunt u de schakelaar instellen op GND LIFT.
6. **Speakon-uitgang:** Optionele luidsprekeruitgangsaansluitingen. Gebruik pinnen 1+ en 1- van deze 4-polige Speakon-connector om verbinding te maken met de Speakon-ingang van uw luidspreker.
7. **Brug- en massaverbindingen:** maak verbinding met de ingang van uw luidspreker. Rood is een positief signaal en zwart is een negatief signaal. Wanneer u de bridge-modus gebruikt, gebruikt u de positieve connectoren kanaal 1 en 2 (rood).
Opmerking: In bridge (mono) modus wordt CH2-ingang gebruikt. Audio die is aangesloten op CH 1 wordt niet naar de luidsprekeruitgang geleid.
8. **Netsnoeraansluiting:** sluit hier uw voedingskabel aan