

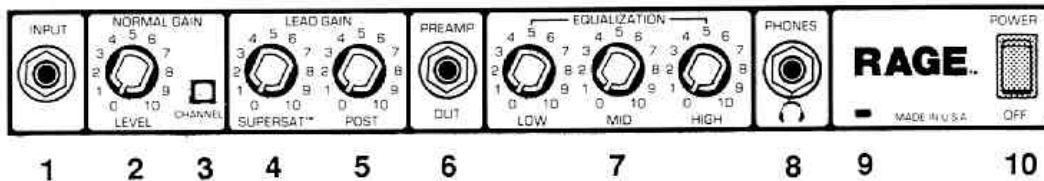
OWNERS MANUAL



RAGE™



WARNING: TO PREVENT ELECTRICAL SHOCK OR FIRE HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. BEFORE USING THIS APPLIANCE, READ THE OPERATING GUIDE FOR FURTHER WARNINGS.



INPUT (1)

The input jack will accept signals from all types of guitar pickups. Be sure to use a high-quality shielded cable to connect the guitar to the amplifier.

INPUT (1)

Diese Eingangsbuchse verarbeitet Signale von Gitarrentonabnehmern aller Art. Verwenden Sie bitte nur ein qualitativ hochwertiges abgeschirmtes Kabel zum Anschluß der Gitarre an den Verstärker.

INPUT (1) (Entrée)

Le jack d'entrée acceptera les signaux de tous types de micros de guitare. Veiller à utiliser un câble blindé de bonne qualité pour relier la guitare à l'amplificateur.

INPUT (1) (Entrada)

El conector de entrada de este aparato acepta todo tipo de señales provenientes de instrumentos eléctricos de cuerda; sólo asegúrese de usar cable con el blindaje apropiado así como la calidad adecuada, para conectar su instrumento al amplificador.

LEVEL (2)

Controls the volume level of the normal channel and is not affected by the SuperSat™ or Post Gain controls.

LEVEL (2)

Kontrolliert die Lautstärke des Normal-Kanals und wirkt sich nicht aus auf SuperSat™ oder Post Gain Regler.

LEVEL (2)

(Volume)
Contrôle du niveau de volume du canal normal indépendant du gain d'entrée et de la distorsion (SuperSat).

LEVEL (2) (Nivel)

Controla el nivel de volumen del canal normal, no le afectan los controles SuperSat™ o PostGain.

CHANNEL SELECT SWITCH (3)

Allows selection of the lead or normal channel. The "in" position of the switch selects the lead channel and the "out" position selects normal.

CHANNEL SELECT SWITCH (3)

Erlaubt die Auswahl des Lead- oder des Normal-Kanals. Die "In"-Position des Schalters wählt den Lead-Kanal, die "Out"-Position den Normal-Kanal an.

CHANNEL SELECT SWITCH (3) (Selecteur de Canaux)

Selecteur du canal lead ou du canal normal. La position IN sélectionne le canal lead et la position OUT le canal normal.

CHANNEL SELECT SWITCH (3)

(Interruptor para selección de canal)
Para cambiar de canal "normal" a canal "Lead". La posición "in" corresponde a "Lead" y la posición "out" a normal.

SUPERSAT™ (4)

A transistor simulation of tube distortion (soft clipping). To activate the SuperSat™ effect, lead channel must be activated.

SUPERSAT™ (4)

Eine transistorsimulierte Röhrenverzerrung (sanftes Obersteuern). Um den SuperSat-Effekt zu aktivieren, muß der Lead-Kanal eingeschaltet sein.

SUPERSAT™ (4) (DISTORSION)

Simulation du son distorsion à tube (ne fonctionne que sur le canal lead)

SUPERSAT™ (4)

Distorsión de válvulas (clipping suave) conseguida mediante transistores. Para activarlo deberá estar conectado el canal "Lead".

POST GAIN (5)

Controls the overall volume level of the lead channel. The final level adjustment should be made after the desired sound has been achieved.

POST GAIN (5)

Kontrolliert den gesamten Lautstärkepegel des Hauptkanals (Mastervolumen). Die endgültige Lautstärkeregelung sollte vorgenommen werden, nachdem der gewünschte Sound eingestellt ist.

POST GAIN (5) (Volume Aval)

Commande le volume général du canal Lead (Solo). Ce réglage de niveau sera effectué après avoir obtenu le son souhaité par les autres réglages.

POST GAIN (5)

(Control de Volumen Posterior al Preamplificador)
Controla el volumen general del canal de la guitarra. El ajuste final debe hacerse después de que el sonido deseado ha sido archivado.

PREAMP OUT (6)

The preamp output can be used to route the amplified signal to a mixing console, tape recorder, etc. Connect the preamp output using a shielded cable to an input of the tape recorder, mixer, etc. This patch does not affect the operation of the amplifier.

**PREAMP OUT (6)
(Vorstufenausgang)**

Dieser Ausgang kann zum Anschluß des Verstärkers an einen Mixer, eine Bandmaschine, etc. verwendet werden. Verbinden Sie den Ausgang mit Hilfe eines abgeschirmten Kabels mit dem Eingang des entsprechenden Gerätes. Dieser Anschluß beeinflusst die Funktionen des Verstärkers nicht.

**PREAMP OUT (6)
(Sortie Préampli)**

Cette sortie sera utilisée pour amener le signal (niveau ligne) vers une table de mixage, un magnétophone, etc. ... Le branchement nécessite un câble blindé. Il n'affecte en rien le fonctionnement de l'amplificateur.

**PREAMP OUT (6)
(Salida de Preamplificador)**

La salida del preamplificador, puede ser usada para "derivar" la señal de su instrumento, por ejemplo a la consola de mezcla - principal para después ser amplificada y ecualizada con el propósito de que se escuche por el "P.A.," o también puede conectarse a la entrada de "línea" de cualquier grabadora, etc. sin afectar las operaciones normales de su amplificador.

NOTA* P.A. es la abreviatura de Public Address System (Sistema de amplificación dirigido al público). Para estas interconexiones como todas las demás que son posibles con los amplificadores - Peavey (salvo las conexiones de altavoces) deberá usarse cable - blindado de la mejor calidad posible, por ejemplo: cable Peavey - model s/s #0005495 al 0005497.

LOW, MID & HIGH EQ (7)

Passive tone controls that regulate the low, mid and high frequencies, respectively.

LOW, MID & HIGH EQ (7)

Hierbei handelt es sich um passive Klangregler, die tiefe, mittlere und hohe Frequenzen entsprechend regeln.

LOW, MID & HIGH EQ (7)

(Tonalité Grave, Medium, et Aigu)
Ces trois réglages passifs commandent respectivement les niveaux des fréquences graves, mediums et aigues.

**LOW, MID & HIGH EQ (7)
(Ecuallizador de Frecuencias Bajas, Medios y Agudos)**

Controles de tono pasivos que regulan las frecuencias bajas, medias y altas respectivamente.

HEADPHONE JACK (8)

This stereo jack allows signal to flow to both sides of any stereo headset.

HEADPHONE JACK (8)

Diese Stereo-Buchse erlaubt Signalfluß zu beiden Seiten eines jeden Stereo-Kopfhörers.

**HEADPHONE JACK (8)
(Prise Casque)**

Sortie stéréo pour casque

HEADPHONE JACK (8)

(Jack de auriculares)
Este jack estereo proporciona señal a los dos lados de cualquier auricular.

POWER LED (9)

Illuminates when AC power is being supplied to the amp.

POWER LED (9)

Zeigt die eingeschaltete Netzspannung an.

POWER LED (9)

(Diode-Témoin de Mise Sous Tension)
S'allume lorsque l'ampli est alimenté par le secteur.

POWER LED (9)

(Power LED)
Encendido cuando se prende el aparato.

POWER SWITCH (10)

Depress the switch to the "On" position. The red pilot light (LED) will illuminate indicating power is being supplied to the unit.

POWER SWITCH (10)

(Netzschalter)
Bringen Sie den Schalter auf die ON-Position. Die rote Kontrolllampe (LED) leuchtet und zeigt an, daß das Gerät eingeschaltet ist.

POWER SWITCH (10)

(Interrupteur Secteur)
Interrupteur général. En position Marche, une diode LED rouge s'allume.

POWER SWITCH (10)

(Interruptor de Poder)
Presione el interruptor a la posición de encendido (ON). La luz roja del piloto (indicador) se encenderá indicando que la unidad esta recibiendo el poder.

LINE CORD (11)

(120V products only)
For your safety, we have incorporated a 3-wire line (mains) cable with proper grounding facilities. It is not advisable to remove the ground pin under any circumstances. If it is necessary to use the equipment without proper grounding facilities, suitable grounding adaptors should be used. Less noise and greatly reduced shock hazard exists when the unit is operated with the proper grounded receptacles.

LINE CORD (11)

(120V products only)
(nur bei 120 Volt-Geräten)
Zu Ihrer Sicherheit haben wir das Gerät mit einem dreidradigen geerdeten Netzkabel versehen. Es ist unter keinen Umständen empfehlenswert den Erdungskontakt des Anschlusskabels zu lösen. Falls es notwendig sein sollte, das Equipment ohne die vorgesehene Erdung zu betreiben empfiehlt sich die Verwendung eines Grounding Adaptors. Die geringsten Störgeräusche und die höchste Sicherheit vor elektrischen Schlägen wird jedoch durch die Benutzung der vorgesehenen Erdungsmöglichkeiten erreicht.

LINE CORD (11)

(Cordon secteur)
Cet appareil est équipé d'une fiche secteur à 3 broches avec mise à la terre. La mise à la terre diminue le bruit de fond et assure la sécurité nécessaire à l'emploi de cet appareil électrique.

LINE CORD (11)

(120 V Solamente)
Para su protección hemos incorporado un cable de 3 alambres con tierra. No es recomendable el remover la pata de tierra bajo ninguna circunstancia, se recomienda un adaptador en caso necesario. Esto reducirá ruidos y peligrosos corrientes.

12 WATTS
7V RMS
4 OHMS

CAUTION
TO PREVENT THE RISK OF FIRE AND SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DO NOT REMOVE FROM CASE. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
AVIS: RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIIR.

RAGE™

PEAVEY®
A PRODUCT OF PEAVEY ELECTRONICS CORP.
MERIDIAN, MS. MADE IN U.S.A.
PATENT PENDING

RAGE ENGINEERING SPECIFICATIONS

POWER AMPLIFIER SECTION:

RATED POWER AND LOAD:

12 W RMS into 4 ohms

POWER @ CLIPPING: (Typically)

(10% THD, 1 kHz, 120 VAC line)

12 W RMS into 4 ohms

TOTAL HARMONIC DISTORTION:

Less than 0.3%, 7 W RMS,

60 Hz to 10 kHz, 4 ohms

Typically below 0.2%

POWER CONSUMPTION:

30 watts, 50/60 Hz, 120 VAC

PREAMP SECTION:

**THE FOLLOWING SPECS ARE MEASURED @ 1 kHz
WITH THE CONTROLS PRESET AS FOLLOWS:**

Channel Select (Norm/Out)

SuperSat™ @ 10

Post Gain @ 10

Low and High EQ @ 10

Mid EQ @ 0

NOMINAL LEVELS ARE WITH NORMAL GAIN LEVEL @ 5

MINIMUM LEVELS ARE WITH NORMAL GAIN LEVEL @ 10

PREAMP INPUT:

Impedance: High Z, 220K ohms

Nominal Input Level: -20 dBV, 100 mV RMS

Minimum Input Level: -28 dBV, 40 mV RMS

Maximum Input Level: 0 dBV, 1 V RMS

PREAMP OUTPUT:

Load Impedance: 10K ohms or greater

Nominal Output: -10 dBV, 0.3 V RMS

HEADPHONE OUTPUT:

Load Impedance: 4 ohms or greater

Nominal Power Output: 20 mW into 4 ohms

(Stereo Jack, Monaural signal, disconnects internal speaker when phone plug is inserted)

SYSTEM HUM & NOISE @ NOMINAL INPUT LEVEL:

(20 Hz to 20 kHz unweighted)

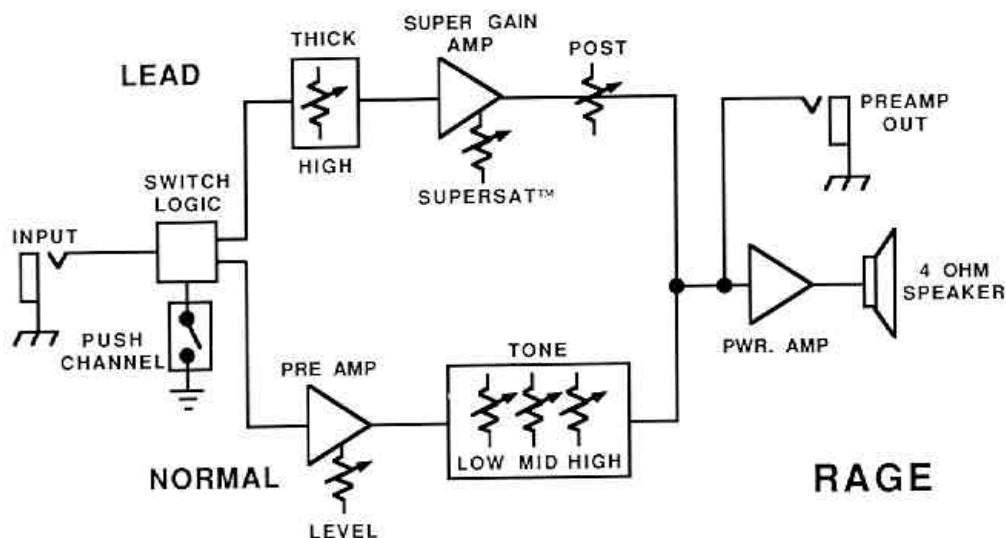
76 dB below rated power

EQUALIZATION:

Special Low, Mid and High passive type EQ

Automatic Thick EQ when lead channel selected

Features and specifications subject to change without notice.



Tone settings given are general and will vary according to type of guitar, type and gauges of strings, type of pickup and even type of pick. Personal taste, playing style, and type of music greatly contribute to desired tonality.

THIS LIMITED WARRANTY VALID ONLY WHEN PURCHASED AND REGISTERED IN THE UNITED STATES OR CANADA. ALL EXPORTED PRODUCTS ARE SUBJECT TO WARRANTY AND SERVICES TO BE SPECIFIED AND PROVIDED BY THE AUTHORIZED DISTRIBUTOR FOR EACH COUNTRY.

Ces clauses de garantie ne sont valables qu'aux Etats-Unis et au Canada. Dans tous les autres pays, les clauses de garantie et de maintenance sont fixées par le distributeur national et assurées par lui selon la législation en vigueur.

Diese Garantie ist nur in den USA und Kanada gültig. Alle Export-Produkte sind der Garantie und dem Service des Importeurs des jeweiligen Landes unterworfen.

Esta garantía es válida solamente cuando el producto es comprado en E.U. continentales o en Canada. Todos los productos que sean comprados en el extranjero, están sujetos a las garantías y servicio que cada distribuidor autorizado determine y ofrezca en los diferentes países.

ONE-YEAR LIMITED WARRANTY/REMEDY

PEAVEY ELECTRONICS CORPORATION ("PEAVEY") warrants this product, EXCEPT for covers, footswitches, patchcords, tubes and meters, to be free from defects in material and workmanship for a period of one (1) year from date of purchase, PROVIDED, however that this limited warranty is extended only to the original retail purchaser and is subject to the conditions, exclusions and limitations hereinafter set forth:

PEAVEY 90-DAY LIMITED WARRANTY ON TUBES AND METERS

If this product contains tubes or meters, Peavey warrants the tubes or meters contained in the product to be free from defects in material and workmanship for a period of ninety (90) days from date of purchase; PROVIDED, however, that this limited warranty is extended only to the original retail purchaser and is also subject to the conditions, exclusions and limitations hereinafter set forth.

CONDITIONS, EXCLUSIONS AND LIMITATIONS OF LIMITED WARRANTIES

These limited warranties shall be void and of no effect if:

- The first purchase of the product is for the purpose of resale; or
- The original retail purchase is not made from an AUTHORIZED PEAVEY DEALER; or
- The product has been damaged by accident or unreasonable use, neglect, improper service or maintenance, or other causes not arising out of defects in material or workmanship; or
- The serial number affixed to the product is altered, defaced or removed.

In the event of a defect in material and/or workmanship covered by this limited warranty, Peavey will:

- In the case of tubes or meters, replace the defective component without charge;
- In other covered cases (i.e., cases involving anything other than covers, footswitches, patchcords, tubes or meters), repair the defect in material or workmanship or replace the product, at Peavey's option;

and provided, however, that, in any case, all costs of shipping, if necessary, are paid by you, the purchaser.

THE WARRANTY REGISTRATION CARD SHOULD BE ACCURATELY COMPLETED AND MAILED TO AND RECEIVED BY PEAVEY WITHIN FOURTEEN (14) DAYS FROM THE DATE OF YOUR PURCHASE.

In order to obtain service under these warranties, you must:

- Bring the defective item to any AUTHORIZED PEAVEY DEALER or AUTHORIZED PEAVEY SERVICE CENTER and present therewith the ORIGINAL PROOF OF PURCHASE supplied to you by the AUTHORIZED PEAVEY DEALER in connection with your purchase from him of this product.

If the DEALER or SERVICE CENTER is unable to provide the necessary warranty service you will be directed to the nearest other PEAVEY AUTHORIZED DEALER or AUTHORIZED PEAVEY SERVICE CENTER which can provide such service.

OR

- Ship the defective item, prepaid, to:

PEAVEY ELECTRONICS CORPORATION
International Service Center
Highway 80 East
MERIDIAN, MS 39301

including therewith a complete, detailed description of the problem, together with a legible copy of the original PROOF OF PURCHASE and a complete return address. Upon Peavey's receipt of these items:

If the defect is remedial under these limited warranties and the other terms and conditions expressed herein have been complied with, Peavey will provide the necessary warranty service to repair or replace the product and will return it, FREIGHT COLLECT, to you, the purchaser.

Peavey's liability to the purchaser for damages from any cause whatsoever and regardless of the form of action, including negligence, is limited to the actual damages up to the greater of \$500.00 or an amount equal to the purchase price of the product that caused the damage or that is the subject of or is directly related to the cause of action. Such purchase price will be that in effect for the specific product when the cause of action arose. This limitation of liability will not apply to claims for personal injury or damage to real property or tangible personal property allegedly caused by Peavey's negligence. Peavey does not assume liability for personal injury or property damage arising out of or caused by a non-Peavey alteration or attachment, nor does Peavey assume any responsibility for damage to interconnected non-Peavey equipment that may result from the normal functioning and maintenance of the Peavey equipment.

UNDER NO CIRCUMSTANCES WILL PEAVEY BE LIABLE FOR ANY LOST PROFITS, LOST SAVINGS, ANY INCIDENTAL DAMAGES OR ANY CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

THESE LIMITED WARRANTIES ARE IN LIEU OF ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE; PROVIDED, HOWEVER, THAT IF THE OTHER TERMS AND CONDITIONS NECESSARY TO THE EXISTENCE OF THE EXPRESS, LIMITED WARRANTIES, AS HEREINABOVE STATED, HAVE BEEN COMPLIED WITH, IMPLIED WARRANTIES ARE NOT DISCLAIMED DURING THE APPLICABLE ONE-YEAR OR NINETY-DAY PERIOD FROM DATE OF PURCHASE OF THIS PRODUCT.

SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THESE LIMITED WARRANTIES GIVE YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

THESE LIMITED WARRANTIES ARE THE ONLY EXPRESS WARRANTIES ON THIS PRODUCT, AND NO OTHER STATEMENT, REPRESENTATION, WARRANTY OR AGREEMENT BY ANY PERSON SHALL BE VALID OR BINDING UPON PEAVEY.

In the event of any modification or disclaimer of express or implied warranties, or any limitation of remedies, contained herein conflicts with applicable law, then such modification, disclaimer or limitation, as the case may be, shall be deemed to be modified to the extent necessary to comply with such law.

Your remedies for breach of these warranties are limited to those remedies provided herein and Peavey Electronics Corporation gives this limited warranty only with respect to equipment purchased in the United States of America.

INSTRUCTIONS — WARRANTY REGISTRATION CARD

1. Mail the completed WARRANTY REGISTRATION CARD to:

PEAVEY ELECTRONICS CORPORATION
POST OFFICE BOX 2898
MERIDIAN, MISSISSIPPI 39302-2898

- a. Keep the PROOF OF PURCHASE. In the event warranty service is required during the warranty period, you will need this document. **There will be no identification card issued by Peavey Electronics Corporation.**

2. IMPORTANCE OF WARRANTY REGISTRATION CARDS AND NOTIFICATION OF CHANGES OF ADDRESS:

- a. Completion and mailing of WARRANTY REGISTRATION CARDS — Should notification become necessary for any condition that may require correction, the REGISTRATION CARD will help ensure that you are contacted and properly notified.

- b. Notice of address changes — If you move from the address shown on the WARRANTY REGISTRATION CARD, you should notify Peavey of the change of address so as to facilitate your receipt of any bulletins or other forms of notification which may become necessary in connection with any condition that may require dissemination of information or correction.

3. You may contact Peavey directly by telephoning (601) 483-5365.

4. Please have the Peavey product name and serial number available when communicating with Peavey Customer Service.

DANGER

EXPOSURE TO EXTREMELY HIGH NOISE LEVELS MAY CAUSE A PERMANENT HEARING LOSS. INDIVIDUALS VARY CONSIDERABLY IN SUSCEPTIBILITY TO NOISE INDUCED HEARING LOSS. BUT NEARLY EVERYONE WILL LOSE SOME HEARING IF EXPOSED TO SUFFICIENTLY INTENSE NOISE FOR A SUFFICIENT TIME. THE U.S. GOVERNMENT'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) HAS SPECIFIED THE FOLLOWING PERMISSIBLE NOISE LEVEL EXPOSURES:

DURATION PER DAY IN HOURS	SOUND LEVEL (dBA, SLOW RESPONSE)
8	90
6	92
4	95
3	97
2	100
1½	102
1	105
¾	110
½ or less	115

ACCORDING TO OSHA, ANY EXPOSURE IN EXCESS OF THE ABOVE PERMISSIBLE LIMITS COULD RESULT IN SOME HEARING LOSS.

EAR PLUGS OR PROTECTORS IN THE EAR CANALS OR OVER THE EARS MUST BE WORN WHEN OPERATING THIS AMPLIFICATION SYSTEM IN ORDER TO PREVENT A PERMANENT HEARING LOSS IF EXPOSURE IS IN EXCESS OF THE LIMITS AS SET FORTH ABOVE. TO INSURE AGAINST POTENTIALLY DANGEROUS EXPOSURE TO HIGH SOUND PRESSURE LEVELS, IT IS RECOMMENDED THAT ALL PERSONS EXPOSED TO EQUIPMENT CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS SUCH AS THIS AMPLIFICATION SYSTEM BE PROTECTED BY HEARING PROTECTORS WHILE THIS UNIT IS IN OPERATION.

CAUTION

THIS AMPLIFIER HAS BEEN DESIGNED AND CONSTRUCTED TO PROVIDE ADEQUATE POWER RESERVE FOR PLAYING MODERN MUSIC WHICH MAY REQUIRE OCCASIONAL PEAK POWER. TO HANDLE OCCASIONAL PEAK POWER, ADEQUATE POWER "HEADROOM" HAS BEEN DESIGNED INTO THIS SYSTEM. EXTENDED OPERATION AT ABSOLUTE MAXIMUM POWER LEVELS IS NOT RECOMMENDED SINCE THIS COULD DAMAGE THE ASSOCIATED LOUDSPEAKER SYSTEM. PLEASE BE AWARE THAT **MAXIMUM POWER** CAN BE OBTAINED WITH VERY LOW SETTINGS OF THE GAIN CONTROL IF THE INPUT SIGNAL IS VERY STRONG.

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be retained for future reference.
3. Obey all cautions in the operating instructions and on the back of the unit.
4. All operating instructions should be followed.
5. This product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.
6. This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
7. This product should not be placed near a source of heat such as a stove, radiator or another heat producing amplifier.
8. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
9. Never break off the ground pin on the power supply cord. For more information on grounding, write for our free booklet "Shock Hazard and Grounding."
10. Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the cord exits the unit.
11. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
12. If this product is to be mounted in an equipment rack, rear support should be provided.
13. Metal parts can be cleaned with a damp rag. The vinyl covering used on some units can be cleaned with a damp rag or an ammonia based household cleaner if necessary.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation holes or any other openings.
15. This unit should be checked by a qualified service technician if:
A. The power supply cord or plug has been damaged
B. Anything has fallen or been spilled into the unit.
C. The unit does not operate correctly.
D. The unit has been dropped or the enclosure damaged.
16. The user should not attempt to service this equipment. All service work should be done by a qualified service technician.

