

OWNERS MANUAL



Intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



Intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: Risks of electrical shock — DO NOT OPEN

CAUTION: To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer Servicing to qualified service personnel.



DECA™ /528



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.



POWER DDT™ FAULT

 ON ACTIVE LINE



POWER

DECA™/528

DIGITAL ENERGY
 CONVERSION AMPLIFIER

FAULT DDT™ POWER

 LINE ACTIVE ON

MADE IN U.S.A.

1 2 3

4

3 2 1

PILOT LIGHT LED (1)
 Illuminates when AC power is being supplied to the amp.

DDT™ ACTIVE LED (2)
 Illuminates when DDT™ compression is taking place.

DDT™ COMPRESSION
 Each of the two internal power amplifiers is equipped with Peavey's DDT™ Compression (U.S. Patent 4,318,053). The DDT circuits will automatically engage to prevent clipping distortion within the power amplifiers.

OPERATION NOTE:
 It is normal for the DDT™ LED(s) to flash occasionally during amplifier operation. If the LED(s) remain on continuously, additional headroom is needed. In some cases, this may mean that the particular application requires a more powerful amplifier.

LINE FAULT LED (3)
 Illuminates to indicate an interruption in amp operation due to any fault condition.

POWER SWITCH (4)
 Depress to "On" position to turn on.

PILOT LIGHT LED (1)
 Leuchtet auf, wenn das Gerät eingeschaltet ist.

DDT™ ACTIVE LED (2)
 Leuchtet auf, wenn DDT™-Kompression einsetzt.

DDT™ COMPRESSION
(DDT™-Kompression)
 Jeder der zwei internen Endstufen ist mit Peavey's DDT™-Kompression (U.S. Patent 4,318,053) ausgestattet. Die DDT™-Kompression wird automatisch aktiviert um Verzerrungen durch zu hohe Pegel vorzubeugen.

OPERATION NOTE:
(ANWENDUNGS-HINWEIS:)
 Ein zeitweiliges Aufleuchten der DDT™-LED(s) ist normal. Ein ständiges Aufleuchten der LED(s) hingegen bedeutet, daß die Übersteuerungsreserve der Endstufe erschöpft ist, und daß für diese Anwendung eine stärkere Endstufe eingesetzt werden sollte.

LINE FAULT LED (3)
 Zeigt durch Aufleuchten an, daß der Betrieb des Verstärkers aus irgendwelchen Fehlergründen unterbrochen ist.

POWER SWITCH (4)
(Netzschalter)
 Zum Einschalten in Position "On" drücken.

PILOT LIGHT LED (1)
(Diode-Témoin "Pilot")
 S'allume lorsqu'il amplifié sous tension.

DDT™ ACTIVE LED (2)
(Témoin de DDT)
 S'allume lorsque le circuit de compression DDT™ intervient.

DDT™ COMPRESSION
(Compression "DDT")
 Chacun des deux amplificateurs de puissance incorporés est équipé d'un circuit de compression PEAVEY DDT (breveté 4.318.053). Ce circuit se met automatiquement en service en cas de besoin pour éviter une distorsion par écartage dans les amplis de puissance.

OPERATION NOTE:
(Note)
 S'il est normal que le témoin de DDT™ clignote occasionnellement durant le fonctionnement, un allumage continu indique un manque de réserve de puissance. Dans certains cas, ceci indiquera que l'application nécessite une amplification plus puissante.

LINE FAULT LED (3)
(Témoin de défaillance)
 Indique un arrêt de fonctionnement de l'appareil, quelle qu'en soit l'origine.

POWER SWITCH (4)
(Interrupteur Power Marche Arrêt)
 Appuyer pour mettre l'ampli sous tension.

PILOT LIGHT (1)
 Se ilumina cuando se conecta el amplificador a la corriente.

DDT™ ACTIVE LED (2)
(LED-activo del DDT)
 Se ilumina cuando la compresion del DDT™ ocurre.

DDT™ COMPRESSION
(DDT Compresión)
 Cada uno de los amplificadores internos estas equipados con el sistema de DDT compresión (U.S. Patente 4,318,053). El circuito DDT se enciende automaticamente para prevenir distorsión dentro de los amplificadores.

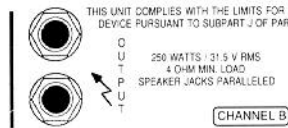
OPERATION NOTE:
(Nota De Operacion:)
 Es normal para el DDT™ (foco indicador) prender ocasionalmente durante una operación normal. Si la pantalla digital permanece encendida continuamente, es necesario más "headroom". En algunos casos se requerirá de un amplificador con más poder.

LINE FAULT LED (3)
(LED - linea de falla)
 Se ilumina para indicar una interrupcion en la operacion del amplificador debido a algun fallo existente.

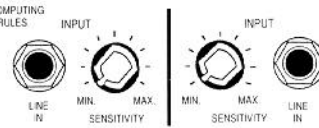
POWER SWITCH (4)
(Power Switch)
 Presione este interruptor para encender el aparato.



9 8 10



7



6 5 5 6



7

INPUT SENSITIVITY (5)
Maximum input gain (minimum sensitivity rating) is achieved at the full clockwise setting. A setting of less than full clockwise will yield lower system noise at the expense of headroom.

BALANCED INPUT (6)
A 1/4" stereo (RTS) jack is provided for balanced input termination.

SPEAKER OUTPUTS (7)
Provided for connection of external speaker(s). Minimum total impedance is 4 ohms.

AC LINE CORD SOCKET (8)
Provided to accept the removable AC line cord.

LINE CORD (9)
(120 V 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.

FUSE (10)
The fuse is located within the cap of the fuseholder. If the fuse should fail, IT MUST BE REPLACED WITH THE SAME TYPE AND VALUE IN ORDER TO AVOID DAMAGE TO THE EQUIPMENT AND TO PREVENT VOIDING THE WARRANTY. If the amp repeatedly blows fuses, it should be taken to a qualified service center for repair.
WARNING: THE FUSE SHOULD ONLY BE REPLACED WHEN THE POWER CORD HAS BEEN DISCONNECTED FROM ITS POWER SOURCE.

INPUT SENSITIVITY (5)
(Eingangsempfindlichkeit)
Die maximale Eingangsempfindlichkeit wird bei voll im Uhrzeigersinn geöffneten Regler erreicht. Bei weniger geöffnetem Regler wird eine Verminderung des Rauschens erreicht, allerdings auf Kosten der Übersteuerungsfestigkeit.

BALANCED INPUT (6)
Die Stereo-(RTS) Buchse ist für symmetrische Eingänge vorgesehen.

SPEAKER OUTPUTS (7)
(Speaker Outputs)
Vorgesehen für den Anschluß externer Lautsprecher. Die Gesamtimpedanz von 4 Ohm darf nicht unterschritten werden.

AC LINE CORD SOCKET (8)
(Stromanschluss)
Zum Anschließen des abnehmbaren Wechselstrom-Kabels.

LINE CORD (120V products only) (9)
(nur bei 120 Volt-Geräten)
Zu Ihrer Sicherheit haben wir das Gerät mit einem dreidrahtigen 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.

FUSE (10)
(Fuse)
Die Sicherung ist in der Kappe des Sicherungshalters platziert. Falls die Sicherung durchgebrannt ist, darf sie ausschließlich durch eine Sicherung desselben Typs und derselben Belastbarkeit ersetzt werden, da sonst das Gerät beschädigt werden kann und der Garantieanspruch erlischt. Achtung! Die Sicherung darf ausschließlich bei gezogenem Netzstecker gewechselt werden!

INPUT SENSITIVITY (5)
(Sensibilité d'entrée)
Le gain augmente en tournant le bouton dans le sens des aiguilles d'une montre. Les positions inférieures au maximum diminueront le niveau de bruit de fond, au détriment de la réserve de puissance.

BALANCED INPUT (6)
(Entrée symétrique)
Prise jack 6,35 mm stéréo pour entrée symétrique.

SPEAKER OUTPUTS (7)
(Sorties haut-parleurs)
Prises de sortie vers haut-parleur(s). L'impédance résultante devra être au minimum de 4 sur chaque prise.

AC LINE CORD SOCKET (8)
(Prise secteur)
Prise de branchement du cordon secteur.

LINE CORD (9)
(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 la sécurité nécessaire à l'emploi de cet appareil électrique.

FUSE (10)
(Fusible)
Le fusible se trouve à l'intérieur de support. En cas de coupure du fusible, son cet assure mise secteur ohms extérieur il doit être remplacé par le MEME TYPE et las MEME VALEUR pour éviter tout DOMMAGE à L'APPAREIL et conserver le DROIT à la GARANTIE. Si le fusible claqué de manière répétée, soumettre l'appareil à un technicien qualifié pour vérification.
ATTENTION: Le FUSIBLE ne doit être remplacé qu'APRES AVOIR DEBRANCHE LE CORDON SECTEUR DE LA PRISE.

INPUT SENSITIVITY (5)
(Sensibilidad De Entrada)
La granancia máxima de entrada (grado máximo de sensibilidad) es alcanzado girando el control completamente a la derecha. Si no se coloca el control completamente a la derecha producirá conjuntos mas bajos deruido a costa del "headroom".

BALANCED INPUT (6)
(Entrada Balanceada)
Se provee una entrada de 1/4" (RTS) para eliminar la entrada balanceada.

SPEAKER OUTPUTS (7)
(Salida de Bocinas)
Provista para la conexión de bocinas externas. El mínimo total de impedancia es de 4 ohms.

AC LINE CORD SOCKET (8)
(Enchufe para cable de Poder)
Provisto para enchufar el cable de corriente.

LINE CORD (9)
(1200 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.

FUSE (10)
(Fusible)
El fusible se encuentra localizado dentro de la cápsula del portafusible si el fusible se quema o falla, DEBERA SER REPUESTO CON UNO DEL MISMO TIPO Y VALORES, PARA PREVENIR DAÑO AL APARATO Y CANCELAR LA GARANTIA. Si el aparato quema los fusibles repetidamente, vea si está conectado a un tomacorriente con el voltaje adecuado, si esto es correcto, entonces desconecte y lleve a revisión técnico autorizado.

ATENCION: El fusible deberá ser reemplazado, solo cuando el cable de alimentación sea desconectado del tomacorriente.

COOLING FAN

To protect against possible overheating, the amplifier is supplied with an internal cooling fan. The fan will operate at all times when the amplifier is turned on. To ensure efficient operation, the fan exhaust port and air intake ports should be unobstructed at all times.

**COOLING FAN
(Kühl-Ventilator)**

Um einer möglichen Überhitzung vorzubeugen ist der Verstärker mit einem Ventilator ausgestattet, der bei eingeschaltetem Gerät immer läuft. Um die Wirkung des Ventilators nicht herunterzusetzen sollten die Luftein- und Auslassöffnungen nie blockiert werden.

**COOLING FAN
(Ventilateur)**

Pour éviter une éventuelle surchauffe, l'amplificateur comporte un ventilateur intégré. Celui-ci fonctionne systématiquement lorsque l'appareil est sous tension. Veiller à ne pas gêner son fonctionnement en obstruant les ouïes d'entrée et de sortie de l'air.

**COOLING FAN
(Abanico)**

Para protección del sobrecalentamiento, el amplificador tiene un abanico interno. El abanico opera siempre que está encendido el aparato. Para que opere eficientemente, las secciones de entrada y salida de aire deben de mantenerse sin obstrucciones.

DECA™/ 528 SPECIFICATIONS**FREQUENCY RESPONSE**

+0, -1.5 dB 10 Hz to 20 kHz @
1 W RMS into 4 ohms

RATED POWER OUTPUT

250 Watts RMS per channel into
4 ohms with less than 0.3% Total
Harmonic Distortion*

TOTAL HARMONIC DISTORTION

Less than .15% @ 250 watts RMS per
channel into 4 ohms

**TRANSIENT INTERMODULATION
DISTORTION**

None Present (0% TIM)

OUTPUT SLEW RATE

The amplifier output slew rate is internally controlled to optimize phase linearity and improve transient response. Due to the nature of the amplifier design and the internal signal conditioning circuitry, it cannot slew-rate limit.

HUM AND NOISE

Greater than 85 dB below full power
(20 Hz to 20 kHz)

INPUT SENSITIVITY

1.0 V RMS for 200 watts into
4 ohms

LOAD PROTECTION

Short circuit current limit. Thermal
overload. Turn on and turn off transient
muting.

LOAD IMPEDANCE

4 ohms or greater (unconditionally
stable into any load configuration or
any signal condition and level at the
input)

FRONT PANEL INDICATORS

DDT™ LED activation indicators
Power LED indicators
Fault LED indicators

POWER CONSUMPTION

600 watts, 120 V AC, 50/60 Hz
(domestic model)

DIMENSIONS

19" W x 1.75" H x
14" D

WEIGHT

12 lbs.

*DDT Disabled, measured at 1 kHz

CLASS B COMPUTING DEVICE: INFORMATION TO USER

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna
- relocate the equipment with respect to the receiver
- move the equipment away from the receiver
- plug the equipment into a different outlet so that the equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio-television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems"

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

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.

**PEAVEY 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:

- a. The first purchase of the product is for the purpose of resale; or
- b. **The original retail purchase is not made from an AUTHORIZED PEAVEY DEALER;** or
- c. 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

- d. 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:

- a. In the case of tubes or meters, replace the defective component without charge;
- b. 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:

- a. Bring the defective item to any PEAVEY AUTHORIZED DEALER or AUTHORIZED PEAVEY SERVICE CENTER and present therewith the PERSONAL WARRANTY IDENTIFICATION CARD **along with** 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

- b. Ship the defective item, prepaid, to:

PEAVEY ELECTRONICS CORPORATION
711 "A" STREET
MERIDIAN, MS 39301

including therewith a complete, detailed description of the problem, together with your PERSONAL WARRANTY IDENTIFICATION CARD **along with a legible** copy of the original PROOF OF PURCHASE, and a complete return address. Upon Peavey's receipt of the item:

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 PERSONAL WARRANTY I.D. CARD along with your PROOF OF PURCHASE. In the event warranty service is required during the warranty period, you will need these documents. **There will be no other identification card issued by Peavey Electronics Corporation.**
- b. Defaced, mutilated or altered CARDS will not be honored.
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.

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
½	110
¼ 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 CONTROLS 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 covers 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.



Features and specifications subject to change without notice.