

# 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

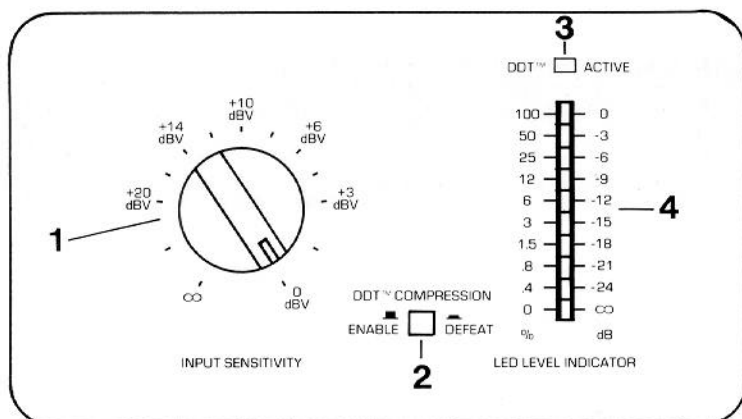
**CAUTION:** To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer Servicing to qualified service personnel.



## **M-3000<sup>TM</sup>** MARK V<sup>TM</sup> SERIES POWER AMPLIFIER



**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 SENSITIVITY (1)

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. Calibration indicates sensitivity in volts/dBV necessary to attain full available output.

#### OPERATION NOTE:

The input sensitivity rating of a power amplifier is the voltage level required to drive the amplifier to full output. Calibration in dBV allows the mixer operator to "monitor" the power amplifier status by observing the dBV level of the mixer LED arrays (on mixers so equipped).

#### DDT™ COMPRESSION

The amplifier is equipped with the patented DDT™ compression circuit (U.S. Patent 4,318,053). The compression circuit eliminates audible power amp clipping, reduces distortion, and protects the loudspeaker.

#### INPUT SENSITIVITY (1)

**(Eingangs-Empfindlichkeit)**  
Die maximale Eingangs-Verstärkung (niederste Empfindlichkeit) wird bei voll im Uhrzeigersinn geöffneten Regler erreicht. Bei weniger geöffnetem Regler wird eine Verminderung des Rauschens erreicht, allerdings auf Kosten der Übersteuerungsfestigkeit. Die auf gedruckte Kalibrierung zeigt die benötigte Empfindlichkeit in Volt/dBV an, um die volle Ausgangsleistung zu erreichen.

#### OPERATION NOTE:

**(ANWENDUNGS-HINWEIS:)**  
Die Eingangs-Empfindlichkeit der Endstufe stellt die Spannung in Volt dar, welche benötigt wird, um die volle Ausgangsleistung des Verstärkers zu erreichen. Die Kalibrierung in dBV erlaubt dem Bediener, den Zustand der Endstufe durch Beobachten der LED-Anzeige am Mischpult zu beurteilen, falls dieses entsprechend ausgerüstet ist.

#### DDT™ COMPRESSION

**(DDT™-Kompression)**  
Der Verstärker ist mit Peavey's patentierter DDT™-Kompression versehen (U.S. Patent 4,318,053). Die Kompressions-Schaltung verhindert hörbares Clipping der Endstufe, reduziert Verzerrungen und schützt die Lautsprecher.

#### INPUT SENSITIVITY (1)

**(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. L'échelle indique la sensibilité et le niveau en volts nécessaire pour atteindre la puissance de sortie maximum.

#### NOTE:

Le sensibilité d'entrée d'un amplificateur de puissance est la tension nécessaire pour atteindre la puissance maximum. L'échelle en dBV permet de visualiser la charge de l'amplificateur en la rapportant aux indicateurs de niveau de sortie du mélangeur.

#### DDT™ COMPRESSION

**(Compression "DDT")**  
Cet amplificateur est équipé d'un circuit de compression DDT (brevet U.S. 4,318,053). Ce circuit élimine l'écroulement, réduit la distortion globale et protège les haut-parleurs.

#### INPUT SENSITIVITY (1)

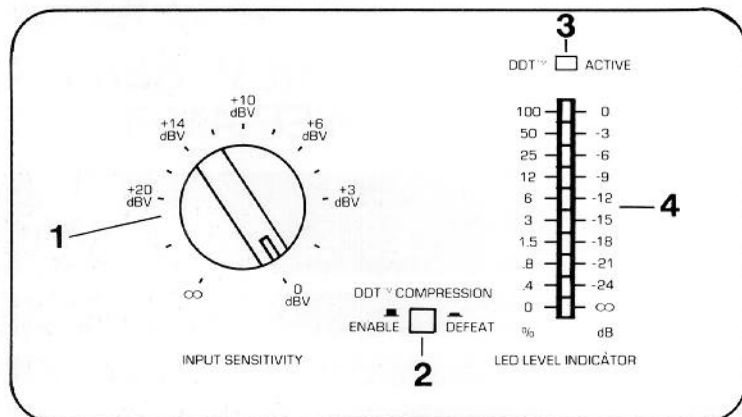
**(Sensibilidad De Entrada)**  
La ganancia máxima de entrada (grado máxima de sensibilidad) es alcanzado girando el control completamente a la derecha. Si no se coloca el control completamente a la derecha producirá conjuntos mas bajos deruido a costa del "headroom". La calibración indica sensibilidad expresada en volts/dBV necesarios para obtener toda la salida disponible.

#### OPERATION NOTE:

**(Nota De Operacion)**  
El grado de sensibilidad de entrada de un amplificador es el nivel de voltage requerido para hacer funcionar un amplificador a su potencia máxima. La calibración en dBV permite al operador de la mezcladora monitorear el poder del amplificador observando el nivel de dBV de los focos indicadores de la mezcladora (en las mezcladoras que lo incluyan).

#### DDT™ COMPRESSION

**(DDT™ compresión)**  
El amplificador esta equipado con el DDT circuito compresor patentado. Este elimina la saturación causada por picos de señal al llegar al nivel máximo de operación del amplificador, reduce la distorsión y protege las bocinas.



#### DDT™ COMPRESSION

**ENABLE/DEFEAT (2)**  
DDT™ Compression is defeated when the pushbutton is "in". DDT™ should be enabled at all times to protect speakers.

#### DDT™ COMPRESSION

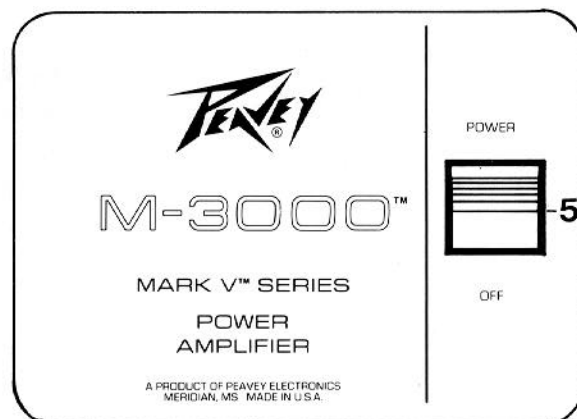
**ENABLE/DEFEAT (2)**  
**(DDT™-Kompression Enable/Defeat)**  
Die DDT™-Kompression ist bei eingedrückter Taste ausgeschaltet ("Defeat"). Die DDT™-Kompression sollte zum Schutz der Lautsprecher ständig eingeschaltet ("Enable") bleiben.

#### DDT™ COMPRESSION

**ENABLE/DEFEAT (2)**  
**(Marche/Arrêt DDT™)**  
La compression DDT™ est mise hors en circuit lorsque le bouton est enfoncé. Pour protéger les haut-parleurs, nous recommandons de la laisser en service.

#### DDT™ COMPRESSION

**ENABLE/DEFEAT (2)**  
**(DDT Compresión Activa/Desactiva)**  
DDT™ Compresión se desactiva cuando el botón se encuentra oprimido (posición IN). DDT debe ser activado siempre para proteger las bocinas.



### DDT™ ACTIVE LED (3)

Illuminates when DDT™ Compression is taking place. With the ENABLE/DEFEAT switch in the DEFEAT position, the LED indicates when clipping distortion is occurring.

### 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.

### LED LEVEL INDICATOR (4)

A calibrated LED array is provided to visually indicate both the power utilized (in percentage) and headroom remaining (in dB).

The bottom LED is illuminated whenever AC power is applied as a pilot indicator.

### POWER SWITCH (5)

Depress to "On" position to turn on.

### OPERATION NOTE:

This unit is equipped with automatic resetting thermal protection. If extremely high operating temperatures cause the protection circuit to engage, the pilot LED(s) will cease illuminating and the fan will continue to run. Once it has cooled sufficiently the protection circuit will disengage and the amplifier will be re-enabled. Continued thermal cycling indicates a load problem exists (shorted cable or the total speaker load is too low), or there is inadequate ventilation.

### DDT™ ACTIVE LED (3)

(DDT™ Aktiv LED)  
Leuchtet auf, sobald die DDT™-Schaltung durch entsprechende Pegel aktiviert wird. Bei ausgeschalteter DDT™-Kompression (Enable/Defeat-Taste nicht eingedrückt) zeigt ein Aufleuchten an, daß zu diesem Zeitpunkt Verzerrungen (Clipping) entstehen.

### 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.

### LED LEVEL INDICATOR (4)

(LED-Pegelanzeige)  
Eine kalibrierte LED-Pegelanzeige weist sowohl die verwendete Leistung (in Prozenten) wie auch die verbleibende Übersteuerungsreserve (in dB) aus.

Die unterste LED (Pilot-LED) leuchtet zur Kontrolle immer wenn das Gerät eingeschaltet ist.

### POWER SWITCH (5)

(Netzschalter)  
Zum Einschalten in Position "On" drücken.

### OPERATION NOTE:

(ANWENDUNGS-HINWEIS:)  
Dieses Gerät ist mit einem Überhitzungsschutz mit automatischer Rückstellung ausgerüstet. Beim Auftreten extrem hoher Betriebstemperaturen wird der Schutz aktiviert und das Gerät ausgeschaltet. Dabei erlöschen auch die Pilot-LED(s), während der Ventilator eingeschaltet bleibt. Nach ausreichender Abkühlung wird der Schutz aufgehoben und das Gerät wieder eingeschaltet. Eine ständig wiederkehrende Aktivierung des Schutzes deutet auf ein Ausgangsproblem (Kabel-Kurzschluss, Gesamt-Impedanz des/der angeschlossenen Lautsprecher zu nieder), oder auf ungenügende Ventilation (Hitzestau).

### DDT™ ACTIVE LED (3)

(Témoin de DDT™)  
Le témoin indique, soit l'intervention du circuit de compression (quand l'interrupteur de DDT™ est en "Marche"), soit l'apparition d'un écrêtage dû à un trop fort niveau (quand l'interrupteur de DDT™ est sur "Arrêt").

### 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.

### LEVEL INDICATOR (4)

(Indicateur de niveau)  
Echelle de diodes calibrée qui indique à la fois la puissance utilisée (en pourcentage) et la réserve disponible (en dB). La diode du bas, témoin de mise en route, s'allume dès que la tension secteur est appliquée à l'appareil.

### POWER SWITCH (5)

(Interrupteur Marche Arrêt)  
Appuyer pour mettre l'ampli sous tension.

### NOTE:

Cet appareil est équipé d'une protection thermique à réarmement automatique. Au cas où la température de fonctionnement dépasserait la limite autorisée, la protection arrêterait l'appareil, éteindra la diode et maintiendra le ventilateur. Après refroidissement, l'appareil se remettra en route de lui-même.

Des arrêts répétés indiquent un problème à la sortie (câble en court-circuit ou impédance de charge trop faible), ou une ventilation insuffisante.

### DDT™ ACTIVE LED (3)

(DDT™ Led Activo)  
Se ilumina cuando el DDT está funcionando. Con el switch de activar/desactivar en la posición de desactivado la luz (led) se iluminará cuando el mixer esté distorsionando.

### 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.

### LED LEVEL INDICATOR (4)

(Focos Indicador De Nivel)  
Una línea de focos indicadores es provista para indicar visualmente tanto el poder utilizado (en porcentaje) como el "headroom" disponible expresado en dB.

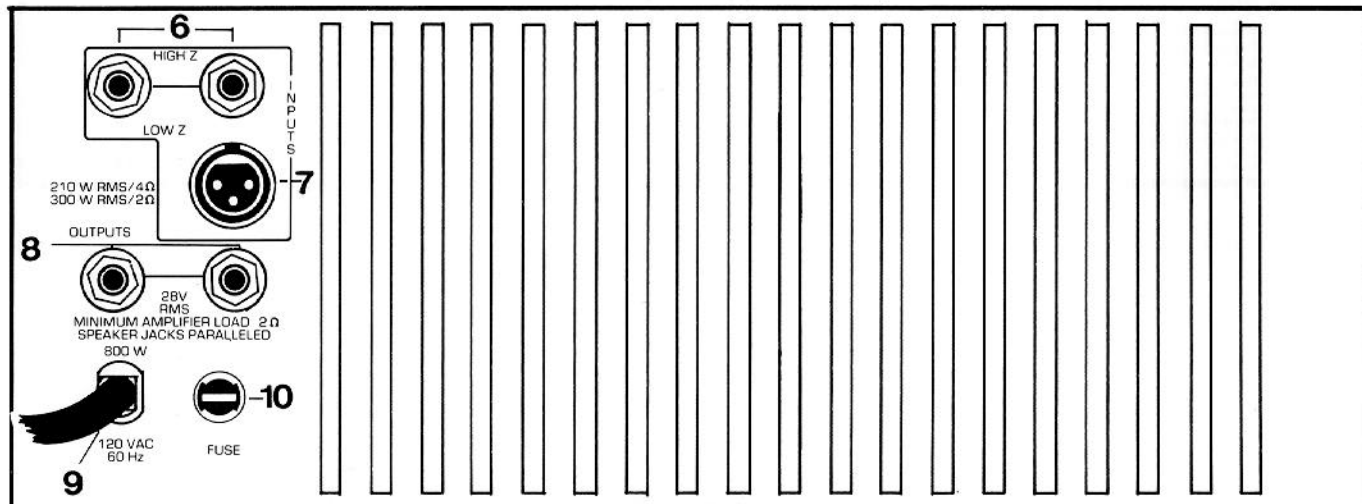
La parte inferior de la línea se ilumina siempre que esté conectado el aparato.

### POWER SWITCH (5)

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

### OPERATION NOTE:

(Nota De Operacion)  
Esta unidad esta equipada con un protector térmico de reencendido automático. Si temperaturas extremadamente altas son alcanzadas se activará el circuito protector, apagando el foco piloto con el ventilador funcionando. Una vez que el equipo se ha enfriado lo suficiente el circuito se desactivará dejando operativo el equipo nuevamente. Cuando éste ciclo de protección ocurra a menudo es indicación de un problema de sobrecarga (cable en corto circuito o la carga total de las bocinas es muy baja) o de inadecuada ventilación.



**HIGH Z INPUTS (6)**

Two parallel 1/4" input jacks are provided. This allows one to be used as a "line-out" to other power amplifiers or other equipment.

**LOW Z INPUT (7)**

A three-pin, female XLR input jack is provided and may be used together with the 1/4" input jacks.

**EXTERNAL SPEAKER JACK (8)**

Provided for connection of external speaker cabinet. Minimum total impedance is 2 ohms.

**LINE CORD (9)**

For your safety, we have incorporated a 3-wire line (mains) cable on the back of the chassis with proper grounding facilities. It is not advisable to remove the ground pin under any circumstances. If it is necessary to use the amplifier without proper grounding facilities, suitable grounding adapters should be used. Less noise and greatly reduced shock hazard exists when the unit is operated with the proper grounded receptacles. NOTE: The above statement in reference to removing the ground pin is applicable only to 120 volt model products.

**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.**

**VOLTAGE SELECTOR SWITCH**

Export models of this product are equipped with a 220/240 volt selector switch. Before operating this product, be sure the switch is set to the correct voltage. NOTE: Operating this product at an incorrect voltage setting may cause transformer damage or loss of output power.

**HIGH Z INPUTS (6)**

**(Hochimpedanz-Eingänge)**  
Zwei parallel geschaltete 1/4-Zoll-Klinkenstecker-Anschlüsse stehen zur Verfügung. Das erlaubt die Verwendung eines freien Anschlusses als Line-Ausgang an eine weitere Endstufe oder ein anderes Gerät.

**LOW Z INPUT (7)**

**(Niederimpedanz-Eingang)**  
Eine dreipolige XLR-Buchse (weiblich) steht zur Verfügung, und kann gleichzeitig mit den 1/4-Zoll-Klinkenstecker-Anschlüssen verwendet werden.

**EXTERNAL SPEAKER JACK (8)**

Anschlußbuchse für einen zusätzlichen Lautsprecher. Die minimale Gesamtimpedanz beträgt 2 Ohm.

**LINE CORD (9)**

Die Netzanschlussnür und die Sicherheitsvorrichtungen entsprechen den neuesten gültigen VDE-Richtlinien.

**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 Garantie-Anspruch erlischt.

**Achtung!** Die Sicherung darf ausschließlich bei gezogenem Netzstecker gewechselt werden!

**VOLTAGE SELECTOR SWITCH**

**(Spannungs-Wählschalter)**  
Export-Ausführungen dieses Modells sind mit einem 220/240 Volt-Umschalter ausgerüstet. Vor der ersten Inbetriebnahme muss sichergestellt werden, dass die Spannung den lokalen Verhältnissen angepasst ist. **VORSICHT:** die Verwendung dieses Geräts mit falsch eingestellter Netzspannung kann zu Schäden am Transformator oder zu Verlust an Ausgangsleistung führen!.

**HIGH Z INPUTS (6)**

**(Entrées haute impédance)**  
La présence de deux jacks d'entrée en parallèle permettra de "repiquer" l'entrée pour amener le signal sur d'autres appareils.

**LOW Z INPUT (7)**

**(Entrées basse impédance)**  
Prise d'entrée XLR-3 broches pouvant être utilisée simultanément avec les prises jack.

**EXTERNAL SPEAKER JACK (8)**

**(Prise pour Haut-Parleurs Séparés)**  
Sortie pour branchement d'une enceinte séparée. L'impédance résultante devra être au minimum de 2 ohms.

**LINE CORD (9)**

**(Cordon Secteur)**  
Cordon d'alimentation secteur avec câble à trois conducteurs dont terre. Ne pas tenter d'enlever la broche de mise à la terre qui assure une sécurité électrique et participe à minimiser le bruit de fond.

**FUSE (10)**

**(Fusible)**  
Le fusible se trouve à l'intérieur de son support. En cas de coupure du fusible, il doit être remplacé par le MEME TYPE et la MEME VALEUR pour éviter tout DOMMAGE à L'APPAREIL et conserver le DROIT à la GARANTIE. Si le fusible claque de manière répétée, soumettre l'appareil à un technicien qualifié pour vérification.

**ATTENTION: Le FUSIBLE ne doit être remplacé qu'APRÈS AVOIR DEBRANCHE LE CORDON SECTEUR DE LA PRISE.**

**VOLTAGE SELECTOR SWITCH**

**(Sélecteur de tension)**  
Les versions Export de cet appareil comportent un sélecteur 220/240 volts. Avant toute mise en service, s'assurer que la position du sélecteur correspond bien à la tension du réseau. NOTE: Une mauvaise adaptation de la tension secteur peut causer une perte de puissance ou la destruction du transformateur.

**HIGH Z INPUTS (6)**

**(Entradas Z De Alta)**  
Dos "jacks" de entrada paralelos son provistos. Esto permite usar uno como salida para otros amplificadores u otros equipos.

**LOW Z INPUT (7)**

**(Entradas Z De Baja)**  
Un "jack" hembra de entrada de tres terminales "XRL" está provisto para que pueda ser usado con los "jacks" de entrada de 1/4".

**EXTERNAL SPEAKER JACK (8)**

Pensado para la conexión exterior del baffle. La impedancia total mínima es de 2 ohms.

**LINE CORD (9)**

**(Cable de Línea)**  
Para su seguridad hemos incorporado un cable trifásico en la parte posterior del chasis con instalaciones apropiadas para su conexión. No es recomendable quitar la clavija de conexión en ningún momento. Si se necesita usar el amplificador sin instalaciones de conexión adecuadas se deberá usar un adaptador. Cuando se usa el aparato con buenos receptáculos conectados se tendrá menos ruido y menos peligro de descarga.

**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 por un técnico autorizado.

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

**VOLTAGE SELECTOR SWITCH**

**(Interrupitor selector de Voltage)**  
Los modelos de exportación de este producto están equipados con un interruptor selector de voltage 220/240. Antes de operar este producto, asegúrese que el interruptor esté en el voltage correcto. **NOTA:** operando este producto con un uso de voltage incorrecto puede causar daños en el transformador o pérdida de salida de poder.



## M-3000™ SPECIFICATIONS

### Rated Power:

210 watts RMS into 4 ohms  
300 watts RMS into 2 ohms

### Power @ Clipping:

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

Typically:

130W RMS into 8 ohms  
225W RMS into 4 ohms  
320W RMS into 2 ohms

### Frequency Response:

+0, -1 dB, 10 Hz to 30 kHz, 200W RMS into 4 ohms

### Total Harmonic Distortion:

Less than 0.1%, 200 mW to 200W RMS  
60 Hz & 5 kHz, 4 ohms, typically below .05%

### Hum & Noise:

Greater than 90 dB below full power

### Slew Rate:

Greater than 15 volts per micro-second

### Load Impedance:

2 ohms or greater (stable in any load configuration)

### Damping Factor:

Greater than 100 @ 1 kHz, 4 ohms

### Input Sensitivity:

1V RMS for 200W into 4 ohms

### Input Impedance:

50K ohms (High impedance bridging inputs)  
2.7K ohms (Low impedance bridging inputs)  
(Unbalanced)

### Input Dynamic Range:

Greater than 30V RMS  
(Will accept speaker levels)

### Load Protection:

Short, mismatch, open circuit proof.  
Voltage/current limiting instantaneous with no  
thumps or cutoff

### WEIGHT:

28 lbs.

**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 assurée 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

8  
6  
4  
3  
2  
1½  
1  
¾  
½ or less

#### SOUND LEVEL dBA, SLOW RESPONSE

90  
92  
95  
97  
100  
102  
105  
110  
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 THE 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 touch the ground pin of 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.



Features and specifications are subject to change without notice.

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