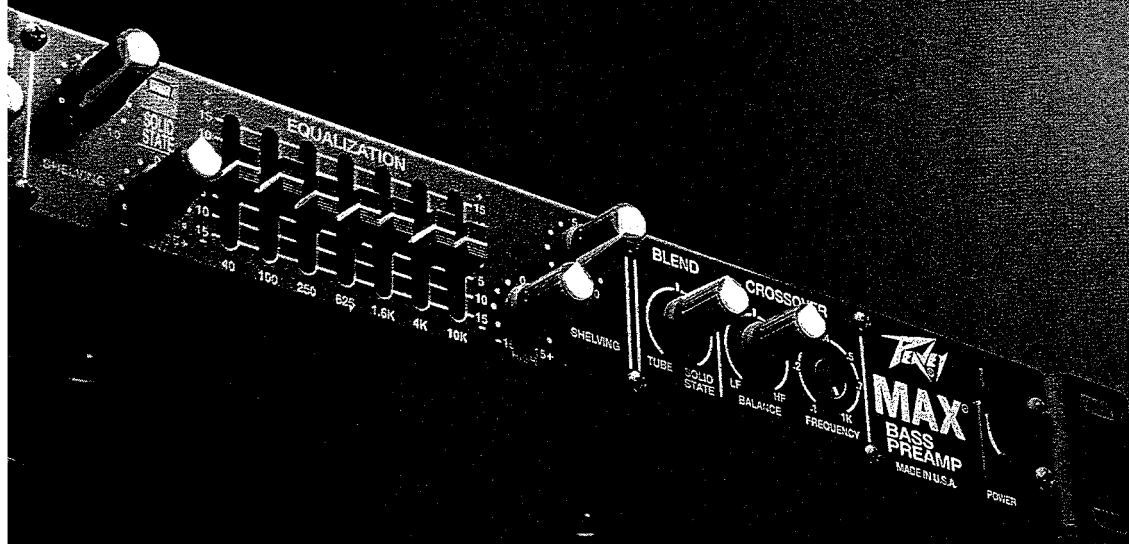


MAX[®]

BASS PREAMP

O P E R A T I N G G U I D E





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

CAUTION: Risk 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.

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.



Este símbolo tiene el propósito de alertar al usuario de la presencia de "(voltaje) peligroso" que no tiene aislamiento dentro de la caja del producto que puede tener una magnitud suficiente como para constituir riesgo de corrientazo.



Este símbolo tiene el propósito de alertar al usuario de la presencia de instrucciones importantes sobre la operación y mantenimiento en la literatura que viene con el producto.

PRECAUCION: Riesgo de corrientazo – No abra.

PRECAUCION: Para disminuir el riesgo de corrientazo, no abra la cubierta. No hay piezas adentro que el usuario pueda reparar. Deje todo mantenimiento a los técnicos calificados.

ADVERTENCIA: Para evitar corrientazos o peligro de incendio, no deje expuesto a la lluvia o humedad este aparato. Antes de usar este aparato, lea más advertencias en la guía de operación.



Ce symbole est utilisé pour indiquer à l'utilisateur la présence à l'intérieur de ce produit de tension non-isolée dangereuse pouvant être d'intensité suffisante pour constituer un risque de choc électrique.



Ce symbole est utilisé pour indiquer à l'utilisateur qu'il ou qu'elle trouvera d'importantes instructions sur l'utilisation et l'entretien (service) de l'appareil dans la littérature accompagnant le produit.

ATTENTION: Risques de choc électrique – **NE PAS OUVRIR!**

ATTENTION: Afin de réduire le risque de choc électrique, ne pas enlever le couvercle. Il ne se trouve à l'intérieur aucune pièce pouvant être réparée par l'utilisateur. Confier l'entretien à un personnel qualifié.

AVERTISSEMENT: Afin de prévenir les risques de décharge électrique ou de feu, n'exposez pas cet appareil à la pluie ou à l'humidité. Avant d'utiliser cet appareil, lisez les avertissements supplémentaires situés dans le guide.



Dieses Symbol soll den Anwender vor unisolierten gefährlichen Spannungen innerhalb des Gehäuses warnen, die von Ausreichender Stärke sind, um einen elektrischen Schlag verursachen zu können.



Dieses Symbol soll den Benutzer auf wichtige Instruktionen in der Bedienungsanleitung aufmerksam machen, die Handhabung und Wartung des Produkts betreffen.

VORSICHT: Risiko – Elektrischer Schlag! Nicht öffnen!

VORSICHT: Um das Risiko eines elektrischen Schlages zu vermeiden, nicht die Abdeckung entfernen. Es befinden sich keine Teile darin, die vom Anwender repariert werden könnten. Reparaturen nur von qualifiziertem Fachpersonal durchführen lassen.

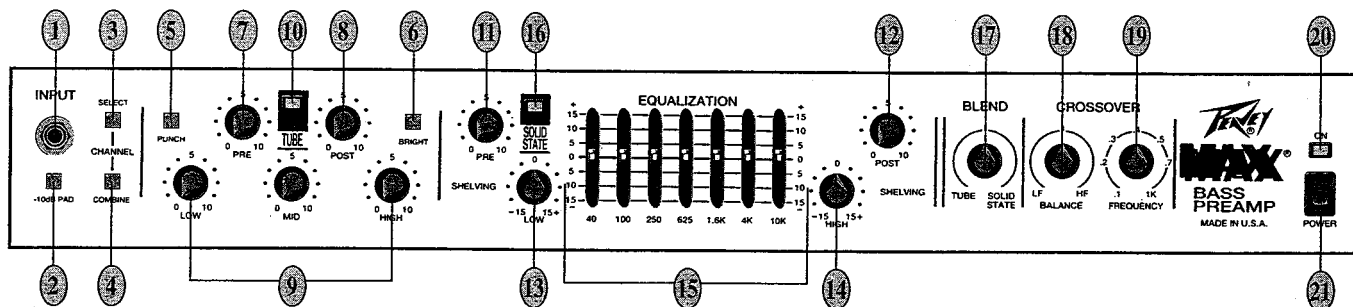
ACHTUNG: Um einen elektrischen Schlag oder Feuergefahr zu vermeiden, sollte dieses Gerät nicht dem Regen oder Feuchtigkeit ausgesetzt werden. Vor Inbetriebnahme unbedingt die Bedienungsanleitung lesen.

Congratulations on the purchase of the Peavey MAX® bass preamp! The MAX is unlike any other preamp available today. Not only does the MAX utilize tube technology for that smooth tube sound, but the MAX also has a completely independent solid-state channel! Two separate channels that are footswitchable and combinative make for an extremely versatile piece of gear. Besides the clean contemporary sound, the MAX also is capable of producing a smooth tube-distortion sound that can't be found in any modern solid-state bass rig!

FEATURES:

- 1/4" input with -10 dB pad switch
- Separate pre and post gain controls for each channel
- Passive three-band EQ in tube channel with active punch and bright push switches
- Active low- and high-shelving EQ in solid-state channel with 7-band graphic EQ
- Front-panel channel select and channel combine switches
- Channel active LEDs
- Blend control for mixing tube and solid-state channels in combine mode
- Variable (100 - 1 kHz) third-order crossover with frequency and balance controls
- Post EQ footswitchable effects loop
- Frequency-compensated balanced and unbalanced direct out with pre/post EQ switch
- Full-range, high-range, and low-range outputs
- One-rack-space package

ENGLISH



INPUT (1)

This input will accept signals from all types of bass pickups.

INPUT PAD SWITCH (2)

Provided for instruments that have extremely high output, which can result in overdriving (distorting) the input gain stage. Depressing the switch to its "in" position reduces the level of the input signal by 10 dB.

CHANNEL SELECT SWITCH (3)

Allows selection of the tube or solid-state channel. The "in" position of the switch selects the solid-state channel and the "out" position selects the tube channel.

NOTE: Channel selection may also be accomplished by the remote footswitch. If the remote selection is desired, the select switch must be in the "out" (tube) position.

CHANNEL COMBINE SWITCH (4)

Allows selection of single channel or combined channel operation. The "in" position of the switch selects combined channel operation where both channels operate simultaneously. The "out" position selects single channel operation.

NOTE: Channel combine selection may also be accomplished by the remote footswitch. If the remote selection is desired, the combine switch must be in the "out" position.

PUNCH SWITCH (5)

Provides a preset boost (+8 dB) to midbass frequencies. To activate, depress the switch to its "in" position.

BRIGHT SWITCH (6)

Provides a preset boost (± 8 dB) to treble frequencies. To activate, depress the switch to its "in" position.

PRE GAIN (7)

Controls the input gain of the tube channel.

POST GAIN (8)

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

LOW, MID, & HIGH EQ (9)

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

CHANNEL STATUS LED (10)

Illuminates when channel is activated.

PRE GAIN (11)

Controls the input gain of the solid-state channel

POST GAIN (12)

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

LOW (13)

An active tone control (shelving type, ± 15 dB) that varies the low-frequency boost or cut.

HIGH (14)

An active tone control (shelving type, ± 15 dB) that varies the high-frequency boost or cut.

7-BAND GRAPHIC EQ (15)

7-band, two-and-one-half-octave graphic equalizer provides 15 dB of boost or cut at each center frequency.

CHANNEL STATUS LED (16)

Illuminates when channel is activated.

BLEND CONTROL (17)

When combine is selected, blend is used to mix the output to tube channel, solid-state channel, or in between to include a mix of both channels.

CROSSOVER BALANCE CONTROL (18)

Controls the relative levels of output signals from the crossover. Adjusting this control will only affect signals at the High-Range Output Jack and the Low-Range Output Jack on the rear panel. All other output signals are unaffected by this control.

CROSSOVER FREQUENCY (19)

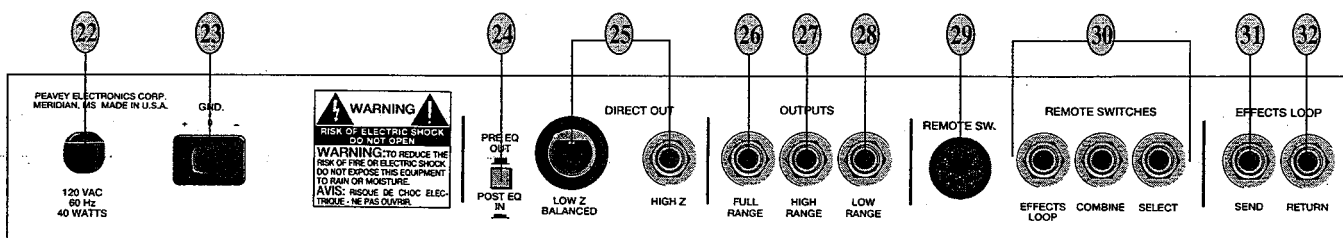
The frequency control varies the crossover frequency from 100 Hz to 1 kHz.

POWER LED (20)

Indicates that AC mains power is connected and power switch is in the on position.

POWER SWITCH (21)

Used to turn AC mains power on or off.



LINE CORD (120 V PRODUCTS ONLY) (22)

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 exist when the unit is operated with the proper grounded receptacles.

GROUND SWITCH (23)

Three-position rocker-type switch which, in most applications, should be operated in its center or zero position. There may be some situations when audible hum and/or noise will come from the loudspeaker. If this situation arises, position the ground switch to either positive or negative (+ or -) or until the noise is minimized.

NOTE: Should the noise problem continue, consult your Authorized Peavey Dealer, the Peavey Factory, or a qualified service technician. THE GROUND SWITCH IS NOT FUNCTIONAL ON 220/240 VOLT MODELS.

DIRECT OUT SELECT SWITCH (24)

Allows selection of pre EQ or post EQ direct out. The "in" position selects post EQ direct out and the "out" position selects pre EQ direct out.

LINE OUTPUTS (25)

Balanced XLR (low Z) and unbalanced 1/4" (high Z) jacks are provided. Either can be used to route the signal to mixing/recording consoles. These outputs feature a special EQ to simulate the response of a loudspeaker.

FULL RANGE OUTPUT (26)

Provides a full-range signal to the power amplifier(s). Signal level is adjusted by the Post Gain Control.

HIGH RANGE OUTPUT (27)

Provides a post-crossover high-range output signal. Signal level is adjusted by the post gain control and the crossover balance control.

LOW RANGE OUTPUT (28)

Provides a post-crossover low-range output signal. Signal level is adjusted by the post gain control and the crossover balance control.

REMOTE SWITCH DIN JACK (29)

Provided for optional footswitch. Allows remote selection of channel select, channel combine, and post EQ effects loop select.

REMOTE SWITCH 1/4" JACKS (30)

Provided for footswitches with 1/4" plugs or automated switching systems using 1/4" plugs that allow remote channel select, channel combine and post EQ effects loop select.

EFFECTS SEND (31)

Output for supplying signals to external low-level effects or signal processing equipment.

EFFECTS RETURN (32)

Input for returning signals from external low-level effects or signal processing equipment.

SPECIFICATIONS

The following specs are measured at 1 kHz with the controls set as follows:

Solid-State Channel:

Pre Gain at 5
Post Gain at 10
Low set flat (0)
High set flat (0)
All EQ sliders centered (0)

Tube Channel:

Pre Gain at 5
Post Gain at 10
Bright off (out)
Punch off (out)
Low, Mid, and High set to 5

Nominal levels are with Pre Gain set at 5
Minimum levels are with Pre Gain set at 10
(referenced to 1 V RMS at full range out)

SOLID-STATE CHANNEL

Input Level:

-10 dB pad out

Nominal input level:
-22.5 dBV, .075 V RMS
Minimum input level:
-43.6 dBV, .0066 V RMS
Maximum input level:
+10.1 dBV, 3.2 V RMS

-10 dB pad in

Nominal input level:
-12 dBV, .24 V RMS
Minimum input level:
-34 dBV, .02 V RMS
Maximum input level:
+20 dBV, 10 V RMS

Graphic EQ:

(7-Band 2 1/2 octave centers)

All ± 15 dB 40 Hz, 100 Hz,
250 Hz, 625 Hz, 1.6 kHz,
4 kHz, 10 kHz

Low:

Active low-frequency control,
 ± 15 dB shelving type

High:

Active high-frequency
control, ± 15 dB shelving type

TUBE CHANNEL

-10 dB Pad Out:

Nominal input level:
-32 dBV, .025 V RMS
Minimum input level:
-45.1 dBV, .0055 V RMS
Maximum input level: +7.95
dBV, 2.5 V RMS

-10 dB Pad In:

Nominal input level:
-21.9 dBV, .08 V RMS
Minimum input level:
-35.4 dBV, .017 V RMS
Maximum input level:
+18 dBV, 8 V RMS

3-Band Passive-Type, Low, Mid, and High Rotary

Controls:

Punch: Special low-frequency
contour, +10 dB
Bright: Special high-
frequency contour, +10 dB

Crossover:

(for biamp applications)

Balance control: pans between
Low and High output
Frequency control range:
100 Hz to 1 kHz
Slope: 18 dB/octave

Outputs:

High Output:

Function: Highpass out
Load impedance: 1 kilohm or
greater
Nominal output: 0 dBV,
1 V RMS
Maximum output: +19 dBV,
9 V RMS

Low Output:

Function: Lowpass out
Load impedance: 1 kilohm or
greater
Nominal output: 0 dBV,
1 V RMS
Maximum output: +19 dBV,
9 V RMS

Full-Range Output:

Function: Full-range output
Load impedance: 1 kilohms or
greater
Nominal output: 0 dBV,
1 V RMS
Maximum output: +19 dBV,
9 V RMS

Post Eq Effects Loop:

Send:

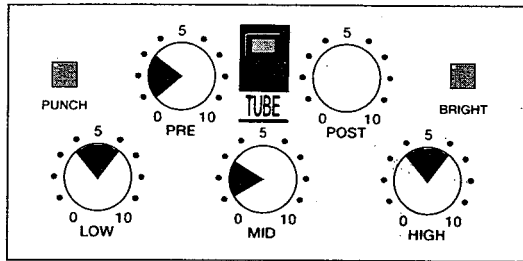
Function: Low-level pre EQ
effects send
Output impedance: 100 ohms
Nominal output: -9 dBV,
0.35 V RMS
Maximum output: +9.96 dBV,
3.15 V RMS

Return:

Function: Low-level pre EQ
effects return
Input impedance: 90 kilohms
Nominal input: -9 dBV,
0.35 V RMS
Maximum input: +9.96 dBV,
3.15 V RMS
(Switching jack provides
SEND to RETURN
connection when not used)

TONE SETTINGS

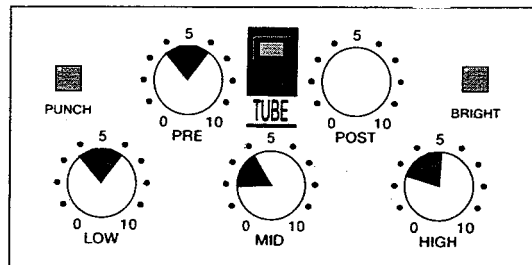
Tube Channel — Clean Sound



NOTE: Use -10 dB pad for active and extremely high output pickups.

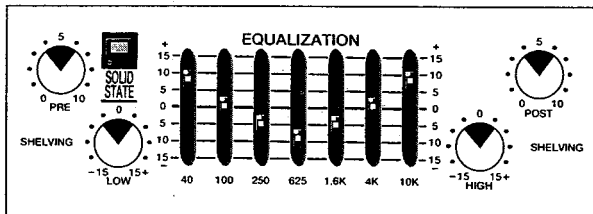
- Set Pre Gain according to how hot pickups are
- High Pre Gain setting will give more distortion
- Set Punch in for extra low end
- Set Post for desired volume level

Tube Channel — Distortion Sound



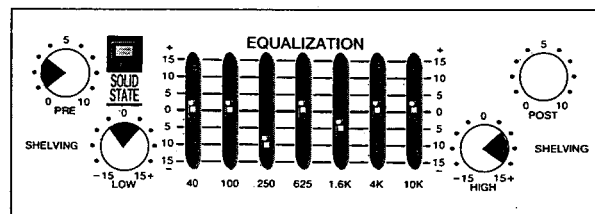
- Set Pre Gain for desired amount of distortion
- Punch and bright out (off)
- Set Post for desired volume level

Solid State Channel — West Coast EQ



- Set Pre depending on how hot pickups are. Hotter pickups require lower Pre setting.
- Set Post for desired volume level

Traditional — Rock/Country



- Set Pre depending on how hot pickups are. Hotter pickups require lower Pre setting.
- Set Post for desired volume level

ESPAÑOL

Consulte los diagramas del panel delantero en la sección de ingles de este manual.

INPUT (Entrada) (1)

Esta entrada aceptará señales de todo tipo de captadora de bajo eléctrico.

INPUT PAD SWITCH (Interrupor atenuante de entrada) (2)

Se suministra para instrumentos que tienen una salida extremadamente alta, la cual puede causar la sobrecarga (distorsión) de la entrada de alta ganancia. El oprimir el interruptor a su posición "hacia dentro", reduce en 10 dB el nivel de la señal de entrada.

CHANNEL SELECT SWITCH (Interrupor de seleccion de canal) (3)

Este interruptor selecciona entre el canal de tubos o el canal de estado sólido. La posición hacia adentro del interruptor selecciona el canal de estado sólido mientras que la posición hacia afuera selecciona el canal de tubos.

NOTE: También se puede seleccionar el canal con el interruptor de pie remoto. Para hacer esto el interruptor debe estar en la posición hacia afuera.

CHANNEL COMBINE SWITCH (Interrupor de combinacion de canales) (4)

Este interruptor selecciona entre la operación de un solo canal o ambos canales. La posición hacia adentro del interruptor selecciona la operación de ambos canales simultáneamente, la posición hacia afuera selecciona la operación de un solo canal.

NOTE: También se puede seleccionar la operación simultánea de ambos canales con el interruptor de pie remoto. Para hacer esto el interruptor debe estar en la posición hacia afuera.

PUNCH SWITCH (Interrupor para obtener más impulso) (5)

Provee un aumento de +8 dB a las frecuencias medias graves. Para activar este control empuje hacia dentro.

BRIGHT SWITCH (Interrupor de brillo) (6)

Proporciona un impulso de +10 dB a las frecuencias agudas. Para activar empuje el interruptor hacia dentro.

PRE GAIN (Pre-ganancia) (7)

Este botón de ajuste controla la ganancia de entrada del canal de tubos.

POST GAIN (Control de ganancia posterior al preamplificador) (8)

Controla el nivel global de volumen del canal. El ajuste final de nivel debe hacerse una vez que se haya conseguido el sonido deseado.

LOW, MID, & HIGH EQ (Ecuador de frecuencias graves, medias, y agudas) (9)

Controles de tono pasivo que regulan las frecuencias graves, medias, y altas, respectivamente.

CHANNEL STATUS LED (LED indicador de condición del canal) (10)

Se ilumina cuando el canal es activado.

PRE GAIN (Pre-ganancia) (11)

Este botón de ajuste controla la ganancia del canal de estado sólido.

POST GAIN (Control de ganancia posterior al preamplificador) (12)

Controla el nivel global de volumen del canal. El ajuste final de nivel debe hacerse una vez que se haya conseguido el sonido deseado.

LOW (Bajo) (13)

Un control de tono activo (tipo "repisa" ± 15 dB) que varía la baja frecuencia, la aumenta o la disminuye.

HIGH (Control de frecuencias agudas) (14)

Un control de tono activo (tipo "repisa" ± 15 dB) que varía el impulso o la reducción de las frecuencias agudas.

7-BAND GRAPHIC EQUALIZER (Ecuador de 7 bandas) (15)

Este ecualizador de 7 bandas de dos octavas y media ofrece 15 dB de realze o corte de las frecuencias medias.

CHANNEL STATUS LED (LED indicador de condición del canal) (16)

Se ilumina cuando el canal es activado.

BLEND CONTROL (Control de mezcla) (17)

Cuando la posición COMBINE es seleccionada, el botón de ajuste BLEND es usado para mezclar la salida al canal de tubos, al canal de estado sólido, o entre los canales para incluir una mezcla de ambos.

CROSSOVER BALANCE CONTROL (Control de balance para el divisor de frecuencias) (18)

Controla los niveles relativos de las señales del "crossover" (divisor de frecuencias). Ajustar este control solo afectará las señales en el enchufe hembra de frecuencias agudas y el enchufe hembra de frecuencias graves en la cara posterior. Este control no afecta las demás señales de salida.

CROSSOVER FREQUENCY (Frecuencia del divisor de frecuencias) (19)

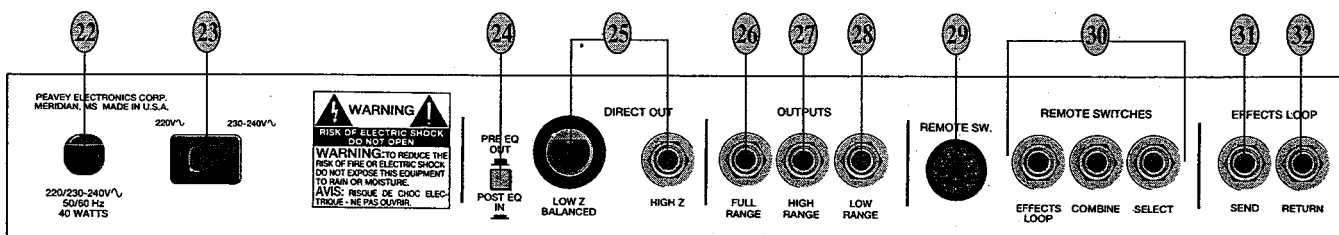
El control de frecuencia varía la frecuencia del divisor de frecuencias desde 100 Hz a 1 kHz.

POWER LED (LED que indica potencia) (20)

Indica que está conectada la red principal de corriente alterna y que el interruptor de corriente está en la posición de encendido.

POWER SWITCH (Interruptor de corriente) (21)

Se utiliza para encender o apagar la fuente principal de corriente alterna.



LINE CORD (120 V PRODUCT ONLY) (Cable de corriente para 120 v solamente) (22)

Para su protección hemos incorporado un cable de 3 polos con polo a tierra. No es recomendable remover la pata del polo a tierra bajo ninguna circunstancia, se recomienda un adaptador en caso necesario. Esto reducirá ruidos y peligrosos corrientazos.

GROUND SWITCH (Interruptor de tierra) (23)

Un interruptor tipo balancín de tres posiciones que, en la mayoría de las aplicaciones, debe ser operado en su posición del centro o cero (0). Puede haber situaciones cuando un zumbido audible salga del altavoz. Si esta situación ocurre, ajuste la posición del interruptor de tierra a positivo o negativo (+ or -) o hasta que el ruido disminuya.

NOTA: Si el problema de ruido continúa, consulte su representante autorizado de Peavey, la fábrica de Peavey, o un técnico de servicio calificado. **EL INTERRUPTOR DE TIERRA NO FUNCIONA EN LOS MODELOS DE 220/240 VOLTIOS.**

DIRECT OUT SELECT SWITCH (Interruptor de selección de salida directa) (24)

Este interruptor selecciona entre salida directa pre-EQ (previa a la sección ecualización) o post-EQ (posterior a la sección ecualización). La posición hacia adentro del interruptor selecciona salida directa post-EQ, y la posición hacia afuera selecciona salida directa pre-EQ.

LINE OUTPUTS (Salidas de línea) (25)

Se proporcionan enchufes hembras equilibrados XLR (impedancia baja) y desequilibrados, de 1/4 de pulgada (impedancia alta). Se puede usar cualquier de los dos para mandar la señal a las consolas de mezcla/grabación. Estas salidas tienen un ecualizador especial para simular la respuesta de un altoparlante.

FULL RANGE OUTPUT (Salida de la gama completa) (26)

Proporciona una señal de la gama completa al amplificador de potencia. El nivel de la señal es controlado por el control de ganancia posterior.

HIGH RANGE OUTPUT (Salida de la banda alta) (27)

Proporciona una señal de salida de la banda alta, posterior al divisor de frecuencias. El nivel de la señal está controlado por el control de ganancia posterior y el control de balance del divisor de frecuencias.

LOW RANGE OUTPUT (Salida de la gama baja) (28)

Esta salida proporciona una señal de salida de la gama de graves, posterior al divisor de frecuencias. El nivel de la señal está controlado por el control de ganancia posterior y el control de balance del divisor de frecuencias.

REMOTE SWITCH DIN JACK (Conector DIN para interruptor remoto) (29)

Este conector se usa para el interruptor de pie opcional. Permite la selección remota de selección de canal, combinación de canales y selección de "loop" (ciclajes) de efectos post-EQ (posterior a la sección ecualización).

REMOTE SWITCH 1/4" JACKS (Jack de 1/4 pulgada para interruptor remoto) (30)

Este conector se usa con interruptores de pie con plogas de 1/4 de pulgada o sistemas de selección automática con plogas de 1/4 de pulgada para seleccionar entre selección remoto de canal, combinación de canales, y selección de "loop" (ciclajes) de efectos post-EQ (posterior a la sección ecualización).

EFFECTS SEND (Envío de efectos) (31)

Salida para proporcionar señales a efectos exteriores de bajo nivel o a equipos procesadores de señal.

EFFECTS RETURN (Retorno de efectos) (32)

Entrada para el retorno de señales procedentes de equipos de efectos externos de bajo nivel o de procesadores de señal.

FRANCAIS

**Veillez vous référer au "front panel line art"
situé dans la section en langue anglaise de ce manuel.**

INPUT (Entrée) (1)

Cette prise d'entrée accepte les signaux de tous les micros ("pickups") de basse.

INPUT PAD SWITCH (Atténuateur d'entrée) (2)

Ce poussoir atténue le niveau du signal d'entrée de 10 dB lorsqu'il est enfoncé en position "In". À utiliser avec les instruments donnant un signal de sortie très élevé qui risque de saturer (distorsion) le stage d'entrée.

CHANNEL SELECT SWITCH (Sélecteur de canal) (3)

Permet de sélectionner les canaux «Tube» ou «Solid State». La position «In» du sélecteur correspond au canal «Solid State». La position «Out» sélectionne le canal «Tube».

CHANNEL COMBINE SWITCH (Sélecteur de canal) (4)

Permet le fonctionnement en mode simple ou combiné. La position «In» du sélecteur correspond au mode combiné ou les deux canaux fonctionnent simultanément. La position «Out» sélectionne le mode à canal simple.

NOTE: La combinaison des canaux peut aussi se faire à l'aide de l'interrupteur au pied. Si la sélection à distance est désirée, le sélecteur «Combine» doit être en position «Out».

PUNCH SWITCH (Sélecteur "Punch") (5)

Accentue (préréglé à +8 dB) les fréquences moyennes graves. Activer en abaissant l'interrupteur à la position "In".

BRIGHT SWITCH (Interrupteur "Bright") (6)

Accentue (de +10 dB) les fréquences aiguës. Enfoncer l'interrupteur à la position "In" pour mettre en service.

PRE GAIN (7)

Contrôle le gain d'entrée du canal «Tube».

POST GAIN (8)

Commande le volume global du canal. Le réglage final de niveau doit être effectué après avoir obtenu le sonorité désirée à l'aide des autres réglages.

LOW, MID, & HIGH EQ (Égalisation graves, moyennes et aiguës) (9)

Réglages de tonalité passifs réglant respectivement les fréquences graves, moyennes et aiguës.

CHANNEL STATUS LED (DEL témoin de canal) (10)

S'allume lorsque le canal est en service.

PRE GAIN (11)

Contrôle le gain d'entrée du canal «Solid State».

POST GAIN (12)

Commande le volume global du canal. Le réglage final de niveau doit être effectué après avoir obtenu le sonorité désirée à l'aide des autres réglages.

LOW (Graves) (13)

Réglage de tonalité actif (type passe-bas, ± 15 dB), faisant varier l'atténuation ou l'accentuation des fréquences graves.

HIGH (Aiguës) (14)

Réglage de tonalité actif (type passe-haut, ± 15 dB) contrôlant l'atténuation ou l'amplification des fréquences aiguës.

7-BAND GRAPHIC EQUALIZER (Correcteur graphique à 7 bandes) (15)

Ce correcteur graphique «7 bandes/deux et une-demi octave» fournit 15 dB d'accentuation ou d'atténuation à chaque fréquence centrale.

CHANNEL STATUS LED (DEL témoin de canal) (16)

S'allume lorsque le canal est en service.

BLEND CONTROL (Commande de mélange) (17)

Lorsque «Combine» est sélectionné, la commande «Blend» est utilisée pour mélanger la sortie vers le canal «Tube», le canal «Solid State», ou entre les deux de façon à inclure un mélange des deux canaux.

CROSSOVER BALANCE CONTROL (Réglage de balance du filtre) (18)

Ajuste les niveaux relatifs entre les sorties du filtre actif ("crossover"): aigus sur "High Range Output" et graves sur "Low Range Output". Les autres sorties ne sont pas affectées par ce réglage.

CROSSOVER FREQUENCY (Fréquence du filtre) (19)

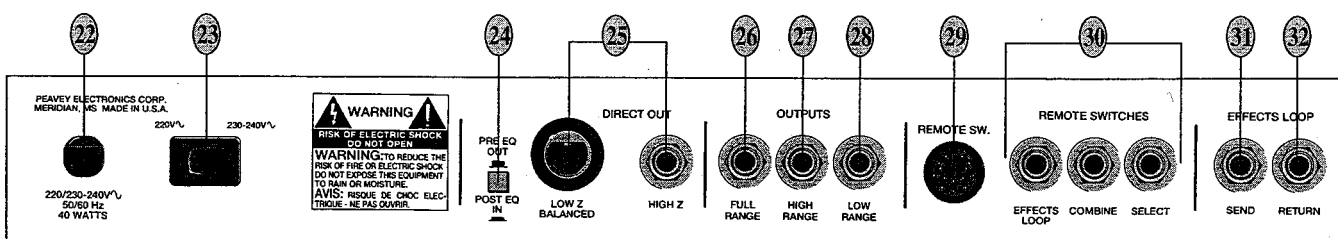
La commande de fréquence sert à ajuster la fréquence du filtre de division ("crossover") entre 100 Hz et 1 kHz.

POWER LED (DEL témoin d'alimentation) (20)

Indique que l'alimentation CA principale est branchée et que l'interrupteur d'alimentation est en position "On".

POWER SWITCH (Interrupteur d'alimentation) (21)

Sert à mettre l'alimentation CA principale en circuit ("On") ou hors circuit ("Off").



LINE CORD (120V products only) (Cordon d'alimentation pour appareils 120V seulement) (22)

Pour votre sécurité, nous avons incorporé un câble d'alimentation secteur à 3 fils avec mise-à-terre appropriée. Il n'est pas recommandé d'enlever la broche de mise-à-terre en aucune circonstance. S'il est nécessaire d'utiliser l'équipement sans mise-à-terre appropriée, utilisez des adaptateurs de mise-à-terre convenables. Une bonne mise-à-terre amoindrit le bruit de fond et réduit grandement les risques de choc.

GROUND SWITCH (Sélecteur de mise à terre) (23)

Commutateur rotatif à trois positions devant, la plupart du temps, être en position centrale (zéro). Dans certaines situations un bruit de ronflement ou un bourdonnement audible peut provenir des haut-parleurs de puissance. Dans ce cas, bougez le sélecteur de mise à terre jusqu'en position positive ou négative (+ ou -) ou jusqu'à ce que le bruit diminue.

NOTE: Si le problème de bruit persiste, consultez votre détaillant autorisé Peavey, la fabrique Peavey, ou un technicien de service qualifié. LE SÉLECTEUR DE MISE À TERRE NE FONCTIONNE PAS SUR LES APPAREILS 220/240 VOLT.

DIRECT OUT SELECT SWITCH (Sélecteur de sortie directe) (24)

Permet de sélectionner la sortie directe «pré» ou «post» correction. La position «In» du sélecteur correspond à «Post EQ Direct Out». La position «Out» sélectionne «Pre EQ Direct Out».

LINE OUTPUTS (Sorties ligne) (25)

Prises de sortie équilibrée XLR (basse impédance) et non-équilibrées 1/4" (haute impédance) servant à envoyer le signal à un pupitre de mélange/enregistrement. Une égalisation spéciale est utilisée pour simuler la réponse de haut-parleurs de puissance.

FULL RANGE OUTPUT (Sortie plein registre) (26)

Sortie de signal plein registre (aiguës et graves) pour amplificateur de puissance. Le niveau du signal est déterminé par le réglage "Post Gain Control".

HIGH RANGE OUTPUT (Sortie aigus) (27)

Fournit un signal aigu post filtre ("post-crossover"). Le niveau du signal s'ajuste à l'aide des commandes "Post Gain Control" et "Crossover Balance Control".

LOW RANGE OUTPUT (Sortie de registre grave) (28)

Sortie de la partie grave du signal post filtre ("post-crossover"). Le niveau du signal est déterminé par les réglages "Post Gain Control" et "Crossover Balance Control".

REMOTE SWITCH DIN JACK (Jack DIN pour commande à distance) (29)

Sert au branchement du sélecteur au pied en option. Permet d'obtenir à distance la sélection de canal (Channel Select), la combinaison de canal (Channel Combine), et la sélection de la boucle d'effets «Post EQ».

REMOTE SWITCH 1/4" JACKS (Prises 1/4" pour interrupteur à distance) (30)

À utiliser avec les interrupteurs au pied muni de fiches standard 1/4" ou les systèmes de sélection automatique utilisant des fiches standard 1/4" afin de permettre la sélection de canal (Channel Select), la combinaison de canal (Channel Combine), et la sélection de la boucle d'effets «Post EQ».

EFFECTS SEND (Envoi d'effets) (31)

Prise de sortie servant à fournir des signaux à des appareils externes de traitement de signal ou d'effets à bas niveau.

EFFECTS RETURN (Retour d'effets) (32)

Prise d'entrée pour signaux provenant d'appareils externes de traitement de signal ou d'effets à bas niveau.

DEUTSCH

Siehe diagramm der frontplatte im englischen teil des handbuchs.

INPUT (Eingang) (1)

Dieser Eingang verarbeitet das Signal sämtlicher Bass-Pickups.

INPUT PAD SWITCH (Eingangs-Absenkungs-Schalter) (2)

Wird für instrumente mit extrem hohem Ausgangs-Pegel verwendet, damit die Vorverstärker-Stufe nicht übersteuert wird, was zu Verzerrungen führen würde. Bei eingedrücktem Schalter wird das Eingangs-Signal um 10 dB abgesenkt.

CHANNEL SELECT SWITCH (Kanal-wahlschalter) (3)

Zur Wahl des Röhren- oder Transistorkanals. Die "in" Stellung des Schalters wählt den Transistorkanal, und die "out" Stellung wählt den Röhrenkanal.

MERKE: Die Kanalwahl kann auch mittels Fußschalter erfolgen. Dazu muß sich der Wahlschalter in der "out" Stellung befinden.

CHANNEL COMBINE SWITCH (Kanal-kombinationsschalter) (4)

Zur Wahl eines Einzelkanals oder kombiniertem Kanalbetrieb. Die "in" Stellung wählt den Kombibetrieb – beide Kanäle arbeiten gleichzeitig. Die "out" Stellung wählt Einzelkanalbetrieb.

MERKE: Der Kombibetrieb kann auch mittels Fußschalter angewählt werden. Dazu muß sich der Wahlschalter in der "out" Stellung befinden.

PUNCH SWITCH (Punch-Schalter) (5)

Bewirkt eine voreingestellte Anhebung um 8 dB im Bassbereich. Wird bei eingedrücktem Schalter ("In") aktiviert.

BRIGHT SWITCH (Bright-Schalter) (6)

Bewirkt eine voreingestellte Anhebung der hohen Frequenzen um 10 dB. Die Bright-Einstellung wird bei eingedrücktem Schalter ("In") aktiviert.

PRE GAIN (7)

Regelt die Eingangsempfindlichkeit des Röhrenkanals.

POST GAIN (8)

Regelt die Gesamtlautstärke des Kanals. Die Feineinstellung sollte erfolgen, wenn der gewünschte Klang erreicht wurde.

LOW, MID, & HIGH EQ (9)

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

CHANNEL STATUS LED (10)

Leuchtet bei angewältem Kanal auf.

PRE GAIN (11)

Regelt die Eingangsempfindlichkeit des Transistorkanals.

POST GAIN (12)

Regelt die Gesamtlautstärke des Kanals. Die Feineinstellung sollte erfolgen, wenn der gewünschte Klang erreicht wurde.

LOW (13)

Eine aktive Klangregelung (± 15 dB) zur Anhebung oder Absenkung der tiefen Frequenzen.

HIGH (14)

Eine aktive Klangregelung (± 15 dB) zur Anhebung oder Absenkung der hohen Frequenzen.

7-BAND GRAPHIC EQUALIZER (15)

Dieser graphische 7-Band EQ mit 2.5 Oktaven bietet 15 dB Anhebung/Absenkung an jeder Centerfrequenz.

CHANNEL STATUS LED (16)

Leuchtet bei angewältem Kanal auf.

BLEND CONTROL (Blend regler) (17)

Im Kombibetrieb dient der BLEND-Regler dazu, das Signal an den Röhren- oder Transistorkanal oder an beide zu leiten, um so eine Mischung beider Kanäle zu erhalten.

CROSSOVER BALANCE CONTROL (Frequenzweichen-Balance) (18)

Bestimmt das Verhältnis der Ausgangs-Pegel der Frequenzweiche. Nur die Signale über die rückseitigen Jack-Anschlüsse "High Range Output" und "Low Range Output" werden beeinflusst. Alle anderen Ausgänge bleiben unverändert.

CROSSOVER FREQUENCY (19)

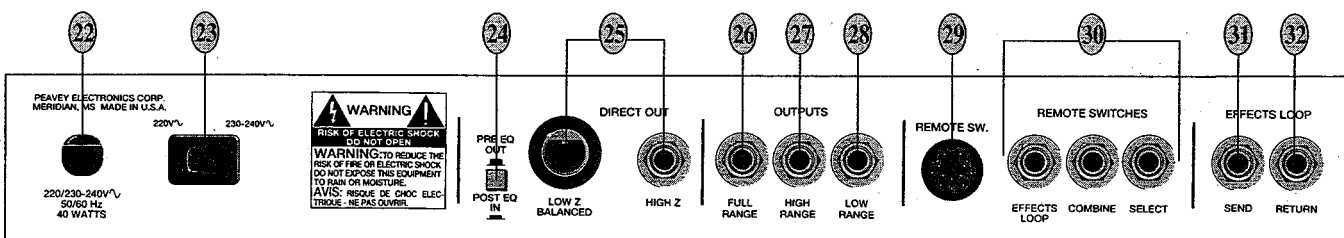
Der Frequenzregler variiert die Trennfrequenz von 100 Hz bis 1 kHz.

POWER LED (20)

Zeigt an, daß das Netzkabel angeschlossen ist und das Gerät eingeschaltet ist.

POWER SWITCH (21)

Hiermit wird das Gerät ein- und ausgeschaltet.



LINE CORD (120 V products only) (Nur bei 120 Volt-Geräten) (22)

Zu Ihrer Sicherheit haben wir das Gerät mit einem dreiadrigen 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.

GROUND SWITCH (23)

Der Ground-Schalter funktioniert nicht bei den 220/240 Volt-Modellen.

DIRECT OUT SELECT SWITCH (Direct out wahlschalter) (24)

Die "in" Stellung wählt "direct out" für Pre EQ Betrieb (vor dem EQ). Die "out" Stellung wählt "direct out" für Post EQ Betrieb (nach dem EQ).

LINE OUTPUTS (25)

Hier stehen symmetrische XLR- und unsymmetrische Klinkenbuchsen zur Verfügung. Beide können dazu verwendet werden, das Signal zum Mischpult oder Aufnahmegerät zu leiten. Diese Ausgänge verfügen über ein spezielles EQ zur Simulation der Reaktion eines Lautsprechers.

FULL RANGE OUTPUT (Full-Range-Ausgang) (26)

Gibt das gesamte Signal über die ganze Bandbreite an eine oder mehrere nachgeschaltete Endstufen aus. Der Signal-Pegel wird vom "Post Gain"-Regler bestimmt.

HIGH RANGE OUTPUT (27)

Liefert ein Hochfrequenz-Ausgangssignal nach dem Crossover. Der Signalpegel wird mit dem Post Gain Regler und dem Crossover Balance Regler justiert.

LOW RANGE OUTPUT (28)

Liefert ein Niederfrequenz-Ausgangssignal nach dem Crossover. Der Signalpegel wird mit dem Post Gain Regler und dem Crossover Balance Regler justiert.

REMOTE SWITCH DIN JACK (Fusschalter DIN buchse) (29)

Zum Anschluß eines zusätzlichen Fußschalters. Ermöglicht die Fernbedienung von Kanalwahl, Kanal-Kombination sowie Anwahl des Post EQ Effektwegs.

REMOTE SWITCH 1/4" JACKS (Fusschalter klinkenbuchse) (30)

Zum Anschluß von Fußschaltern mit Klinkenstecker oder automatischen Schaltsystemen mit Klinkenstecker, welche die Fernbedienung von Kanalwahl, Kanal-Kombination sowie Anwahl des Post EQ Effektwegs ermöglichen.

EFFECTS SEND (31)

Ausgang für Zuliefersignale zu externen niederohmigen Effekten oder Signal-Prozessoren.

EFFECTS RETURN (32)

Eingang für rückführende Signale von niederohmigen Effekten oder Signal-Prozessoren.

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 servicios 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 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
International Service Center
326 Hwy. 11 & 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, EXPRESSED 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 EXPRESSED, 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 EXPRESSED 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 expressed 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 ADDRESSES:
 - 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.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric products, basic cautions should always be followed, including the following.

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. Disconnect unit from power supply before cleaning.
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.
17. This product should be used only with a cart or stand that is recommended by Peavey Electronics.
18. 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
1 1/2	102
1	105
1/2	110
1/4 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 ensure 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.

SAVE THESE INSTRUCTIONS!