

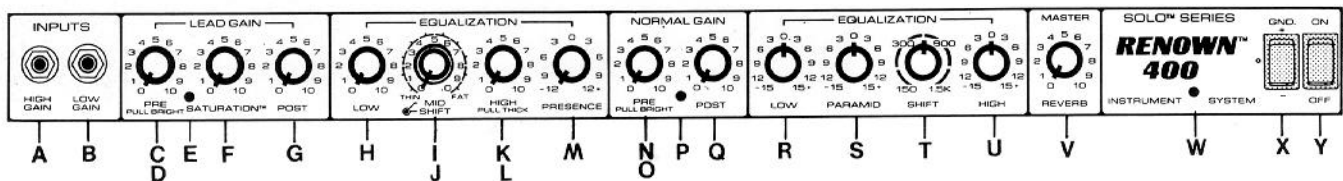
OWNERS MANUAL



RENOWN™ 400



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.



HIGH GAIN INPUT (A)
Used for most electric guitars. It is 6 dB louder than the Low Gain input.

HIGH GAIN INPUT (A)
Dieser Eingang kann für die meisten elektrischen Gitarren verwendet werden. Er ist 6 dB empfindlicher als der Low Gain Input.

HIGH GAIN INPUT (A)
(Entrée Haut Gain)
Cette prise sera utilisée pour la plupart des guitares électriques. Elle donne un gain supérieur de 6 dB à l'entrée Low Gain.

HIGH GAIN INPUT (A)
(Entrada de Alta Potencia)
Esta entrada es usada en su mayoría para guitarras eléctricas. Tiene 6 decibeles más que la Entrada de Baja Potencia.

LOW GAIN INPUT (B)
Provided for instruments that have extremely high outputs, which can result in overdriving (distorting) the High Gain input. If both inputs are used simultaneously, the output levels are the same (both are Low Gain).

LOW GAIN INPUT (B)
Dieser Eingang ist für die Instrumente vorgesehen, die ein besonders hohes Ausgangssignal erzeugen. Falls beide Eingänge gleichzeitig benutzt werden, sind die Ausgangssignale gleich (beide sind dann Low Gain).

LOW GAIN INPUT (B)
(Entrée Faible Gain)
Cette prise acceptera les instruments à haut niveau de sortie qui causeraient une saturation (distorsion) sur l'entrée High Gain. Si les deux entrées sont utilisées simultanément, les deux niveaux seront alors équivalents (faible gain).

LOW GAIN INPUT (B)
(Entrada de Baja Potencia)
Esta entrada está provista para instrumentos que tienen una salida extremadamente alta, la cual puede causar distorsión en la entrada de alta potencia. Si ambas entradas son usadas simultáneamente, el volumen de salida es el mismo (ambos son de baja potencia).

AUTOMIX™
Allows footswitch selection of individual channels (use "Select Effects" button) or the use of both channels simultaneously (use "Combine" button). NOTE: With footswitch unplugged, both channels are activated. Combiner overrides selector.

AUTOMIX™
Ermöglicht per Fußschalter die Wahl eines Kanals (den "Select/Effects"-Knopf benutzen) oder die gleichzeitige Verwendung beider Kanäle (den "Combine"-Knopf benutzen). Achtung: Bei nicht eingestecktem Fußschalter sind beide Kanäle aktiviert.

AUTOMIX™
Par le jeu d'une pédale-interrupteur, permet la sélection du canal en service (poussoir "Select-Effects") ou l'utilisation simultanée de deux canaux (poussoir "Combine"). NOTE: Le poussoir "Combine" a priorité sur le poussoir "Select/Effects." Par ailleurs, si la pédale n'est pas branchée sur l'ampli, les deux canaux sont en service.

AUTOMIX™
(Automix)
Permite la selección de los dos canales individuales usando el botón "select/effects" o usando el botón "combine". Para usar ambos canales simultáneamente, estas operaciones son llevadas a cabo con el pedal, de pie que viene incluido con el aparato. NOTA: cuando el pedal no está conectado al aparato, entonces ambos canales están activos, el mezzador (combiner) desactiva al selector.

PRE GAIN (C)
Controls the input volume level of the lead channel.

PRE GAIN (C)
Kontrolliert den Vorstufenpegel des Lead-Kanals.

PRE GAIN (C)
(Volume Amont)
Commande le volume de l'entrée sur le canal Lead (solo).

PRE GAIN (C)
(Control del Preamplificador)
Controla la entrada de volumen en el canal de la guitarra.

PULL BRIGHT (D)
Adds high frequency boost (+8 dB) to the sound and is activated by gently pulling out the Pre Gain knob.

PULL BRIGHT (D)
Bewirkt eine Anhebung der höheren Frequenzen um +8 dB und wird betätigt, indem man den "Pre-Gain"-Knopf herauszieht.

PULL BRIGHT (D)
(Son Clair)
Ajoute une bosse de présence de 8 dB à la réponse. Se met en service en tirant sur le bouton Pre Gain.

PULL BRIGHT (D)
(Control de Brillo)
Agrega una alta frecuencia de 8 decibeles más al sonido y es activado jalando hacia afuera el control del preamplificador (Pre Gain).

CHANNEL STATUS LED (E)
Illuminates when channel is activated.

CHANNEL STATUS LED (E)
Leuchtet bei angewähltem Kanal auf.

CHANNEL STATUS LED (E)
(Diode-Témoin de Canal)
S'allume lorsque le canal correspondant est en service.

CHANNEL STATUS LED (E)
(Channel Status LED)
Se ilumina marcando qué canal está activado.

SATURATION™ (F)
(U.S. Patent #4,439,742)
Is a transistor simulation of tube distortion (soft clipping). It controls the amount of distortion that can be added.

SATURATION™ (F)
Bewirkt eine harmonische Verzerrung eines voll übersteuerten Röhren-Verstärkers (gleichmäßige Verzerrung, singendes Sustain und warmer Ton).

SATURATION™ (F)
Cet effet simule une distorsion d'ampli à tubes (léger écrêtage). Le potentiomètre dose l'importance de l'effet de distorsion.

SATURATION™ (F)
Es una simulación de distorsión con bulbos a base de transistores (distorsión suave). Controla la cantidad de distorsión que puede ser agregada.

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

POST GAIN (G)
Kontrolliert den gesamten Lautstärkepegel des Hauptkanals (Mastervolumen). Die endgültige Lautstärke-regelung sollte vorgenommen werden, nachdem der gewünschte Sound eingestellt ist.

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

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

LOW FREQUENCY EQ (H)
A passive tone control that adjusts low frequencies.

LOW FREQUENCY EQ (H)
Eine passive Klangreglung, welche die tiefen Frequenzen regelt.

LOW EQ (H)
(Potentiomètre Graves)
Réglage de tonalité passif qui dose les fréquences graves.

LOW FREQUENCY EQ (H)
(Ecuadorador de Frecuencias Graves)
Es un control pasivo de tono que ajusta las frecuencias graves.

MID FREQUENCY EQ (I)

A passive tone control that adjusts mid frequencies.

SHIFT (J)

Shifts and selects the frequencies at which the Mid control operates.

HIGH FREQUENCY EQ (K)

A passive tone control that adjusts high frequencies.

PULL THICK (L)

A boosted midrange sound widely used in rock music. To activate, gently pull out the High EQ knob. Pull Thick is often used in conjunction with Saturation™. NOTE: 1) Pull Thick is defeated when the Normal Channel is selected. 2) Pull Thick defeats Low and Mid EQ functions.

PRESENCE (ACTIVE) (M)

An active tone control (+/- 12 dB) that varies the extreme high frequency range. 0 to +12 boost (increase), 0 to -12 cut (reduce).

PRE GAIN (N)

Controls the input volume level of the normal channel.

PULL BRIGHT (O)

Adds high frequency boost (+8 dB) to the sound and is activated by gently pulling out the Pre Gain knob.

CHANNEL STATUS LED (P)

Illuminates when channel is activated.

POST GAIN (Q)

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

LOW FREQUENCY EQ (R)

An active tone control (shelving type, +/- 15 dB) that varies the low frequency range. CAUTION: Excessive low frequency boost causes greater power consumption and increases possibility of speaker damage.

PARAMID™ (S)

An active control (+/- 12 dB) that adjusts the amount of mid frequencies. 0 to +12 boost (increase), 0 to -12 cut (reduce).

FREQUENCY SHIFT (T)

Selects the frequencies at which the Paramid™ control operates.

MID EQ (I)

(Mid EQ)
Eine passive Klangregelung für die mittleren Frequenzen.

SHIFT (J)

Verschiebt und selektiert die Frequenzen, in denen der Mittenregler arbeitet.

HIGH FREQUENCY EQ (K)

Eine passive Tonregelung für die hohen Frequenzen.

PULL THICK (L)

Eine Anhebung der mittleren Frequenzen, die oft in der Rockmusik gebraucht wird. Zur Aktivierung den "High EQ"-Knopf herausziehen. Pull Thick wird oft in Verbindung mit Saturation verwendet. Anmerkung: 1. Pull Thick ist ausgeschaltet, wenn der Normal-Kanal gewählt wird. 2. Pull Thick schaltet tiefe und mittlere EQ-Funktionen aus.

PRESENCE (ACTIVE) (M)

Ist eine aktive Klangregelung (+/- 12 dB), die den extrem hohen Frequenzbereich beeinflusst. 0 bis +12 (Anhebung), 0 bis -12 (Absenkung).

PRE GAIN (N)

Regelt die Eingangsempfindlichkeit des Normal-Kanals.

PULL BRIGHT (O)

Bewirkt eine Anhebung der höheren Frequenzen um +8 dB und wird betätigt, indem man den "Pre-Gain"-Knopf herauszieht.

CHANNEL STATUS LED (P)

Leuchtet bei angewähltem Kanal auf.

POST GAIN (Q)

Regelt die Gesamtlautstärke des Normal-Kanals. Die endgültige Lautstärkeinstellung sollte erst dann vorgenommen werden, wenn der gewünschte Klang erreicht ist.

LOW FREQUENCY EQ (R)

Aktive Klangregelung für die tiefen Frequenzen. Anhebung und Absenkung im Bereich von +/- 15 dB möglich. Achtung: Extreme Bassanhebung erfordert einen höheren Leistungsbedarf und kann evtl. zu einer Lautsprecherbeschädigung führen.

PARAMID™ (S)

Eine aktive Klangregelung (+/- 12 dB), die den Wert der mittleren Frequenzen regelt. 0 bis +12 (Anhebung), 0 bis -12 (Absenkung).

FREQUENCY SHIFT (T)

Regler zur Wahl der Frequenz, mit den der parametrische Klangregler arbeitet.

MID EQ (I)

(Médium)
Ce réglage de tonalité passif commande le niveau des fréquences moyennes.

SHIFT (J)

(Décalage Médiums - Modèle Stéréo-Chorus)
Détermine le centre de la plage de fréquences sur laquelle agit le contrôle "Mid".

HIGH FREQUENCY EQ (K)

(Potentiomètre Aigües)
Réglage de tonalité passif qui dose les fréquences aigües.

PULL THICK (L)

(Gros Son)
Sonorité Rock typique qui renforce les médiums et qui s'emploie souvent avec la Saturation. Cette fonction est mise en service en tirant sur le bouton High EQ. Il est à noter que ce Pull Thick sera automatiquement mis hors service lors du passage en canal normal, et que ce même Pull Thick supprime les fonctions Low EQ et Mid EQ.

PRESENCE (ACTIVE) (M)

Ce réglage actif commande la gamme de fréquences extrême aigüe en y apportant un renforcement ou un affaiblissement jusqu'à 12 dB dans chaque sens.

PRE GAIN (N)

(Gain Amont)
Commande le niveau d'entrée (amont) du canal normal.

PULL BRIGHT (O)

(Son Clair)
Ajoute une bosse de présence de 8 dB à la réponse. Se met en service en tirant sur le bouton Pre Gain.

CHANNEL STATUS LED (P)

(Diode-Témoine de Canal)
S'allume lorsque le canal correspondant est en service.

POST GAIN (Q)

(Volume Aval)
Commande le volume général du canal normal. Ce réglage de niveau sera effectué après avoir obtenu le grain de son souhaité avec les autres réglages.

LOW FREQUENCY EQ (R)

(Potentiomètres Graves)
Ce réglage de type actif (correction +/- 15 dB à 80 Hz) commande les tonalités graves. Attention: Une forte accentuation des fréquences graves augmente la consommation de puissance et les risques de claquage du haut-parleur.

PARAMID™ (S)

Réglage actif (+/- 12 dB) qui commande le niveau des fréquences moyennes. La position zéro (0) n'apporte pas de correction. Les corrections étant possibles jusqu'à -12 dB (affaiblissement) et +12 dB (renforcement).

FREQUENCY SHIFT (T)

(Sélection de Fréquence)
Détermine le centre de la plage de fréquences sur laquelle agit le bouton "Paramid."

MID EQ (I)

(Ecuador de medios)
Un control de tono pasivo que ajusta las frecuencias medias.

SHIFT (J)

(Shift)
Este control varía y selecciona las frecuencias en las cuales el control de medios (Mid) opera.

HIGH EQ (K)

(Ecuador de Alta Frecuencia)
Es un control pasivo de tono, que ajusta las altas frecuencias.

PULL THICK (L)

(Control de Sonido Fuerte Grueso)
Es un aumento de sonido en los rangos medios muy usado en la música Rock. Para activarlo jale hacia afuera suavemente el control de ecualizador de agudos. Este control es usado juntamente con el control de saturación. NOTAS: 1) El Pull Thick queda anulado cuando el canal normal es seleccionado; 2) El Pull Thick anula las funciones de las ecualizaciones bajas y medias.

PRESENCE (ACTIVE) (M)

(Presencia Activa)
Es un control activo de tono (+/- 12 decibeles) que varía el rango de las frecuencias de los agudos extremos. 0 a +12 de aumento (incrementa), 0 a -12 corta (reduce).

PRE GAIN (N)

(Control del Preamplificador)
Controla el nivel del volumen de entrada del canal normal.

PULL BRIGHT (O)

(Control de Brillo)
Agrega una alta frecuencia de 8 decibeles más al sonido y es activado jalando hacia afuera el control del preamplificador (Pre Gain).

CHANNEL STATUS LED (P)

(Channel Status LED)
Se ilumina marcando qué canal está activado.

POST GAIN (Q)

(Post Gain)
Controla en general el nivel de volumen del canal normal. El ajuste final de nivel debe ser hecho después que el sonido deseado ha sido archivado.

LOW EQ (R)

(Ecuador de Frecuencias Bajas)
Un control de tono activo (tipo shelving, +/- 15 dB) que varía la gama de frecuencias graves. Precaución: Un aumento excesivo de baja frecuencia causa mayor consumo de potencia y aumenta la posibilidad de dañar el altavoz.

PARAMID™ (S)

(Paramid)
Este control permite el ajuste de las frecuencias medias en un rango de 24dB; 12 dB de incremento y 12dB de reducción.

FREQUENCY SHIFT (T)

(Frequency Shift)
Selecciona las frecuencias en las cuales el control "paramid" actúa.

HIGH EQ CONTROL (U)

An active tone control (shelving type, +/- 15 dB) that varies the high frequency range.

HIGH FREQUENCY EQ (U)

Aktive Klangregelung für den hohen Frequenzbereich (+/-15 dB).

HIGH FREQUENCY EQ (U)

(Potentiomètre Aigus)
Ce réglage de type actif (correction +/- 15 dB à 10 kHz) commande les tonalités aigus.

HIGH EQ (U)

(Ecuador de Frecuencias Agudas)
Control de tono activo (tipo shelving, +/- 15 dB) que varía la gama de frecuencias agudas.

MASTER REVERB (V)

Reverberation is an echo effect. Rotate clockwise to increase the effect. Remote footswitch can control On/Off.

MASTER REVERB (V)

Eingebautes Echo-Hall-System. Im Uhrzeigersinn drehen, um den Effekt zu verstärken. Fernbedienungs-Fußschalter zum Ein- und Ausschalten des Effekts.

MASTER REVERB (V)

Le potentiomètre Reverb apporte un effet d'écho plus ou moins marqué. Sa mise en service pourra être commandée par un interrupteur au pied.

MASTER REVERB (V)

(Control Maestro de Reverberación)
La reverberación es un efecto de eco. Gire a la derecha para incrementar el efecto. Se puede prender y apagar (on/off) con el pedal de switch a control remoto.

POWER LED (W)

Illuminates when AC power is being supplied to the amp.

POWER LED (W)

Zeigt die eingeschaltete Netzspannung an.

POWER LED (W)

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

POWER LED (W)

(Power LED)
Encendido cuando se prende el aparato.

GROUND SWITCH (X)

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.

GROUND SWITCH (X)

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

GROUND SWITCH (X)

Selecteur de mise a la terre permettant de minimiser les bruits de ronflement. Ce selecteur n'a aucun effet sur les appareils en 220/240 volts.

GROUND SWITCH (X)

(Interruptor de Tierra)
El interruptor de tierra tiene tres posiciones. En casi todas las aplicaciones se debe usar en la posición central. Usted puede encontrar algunas situaciones en que escuche un zumbido o un ruido que provenga de las bocinas. Si se presenta esta situación cambie el interruptor de tierra hacia ambas posiciones positivo o negativo (+ 0 -) hasta que el ruido sea mínimo. NOTA: Si el problema del ruido continua consulte con su proveedor autorizado Peavey, a la fábrica o a un técnico deservicios calificados. EL INTERRUPTOR DE TIERRA NO ES FUNCIONAL EN LOS MODELOS 220/240 VOLTS.

POWER SWITCH (Y)

Depress to "On" position to turn on.

POWER SWITCH (Y)

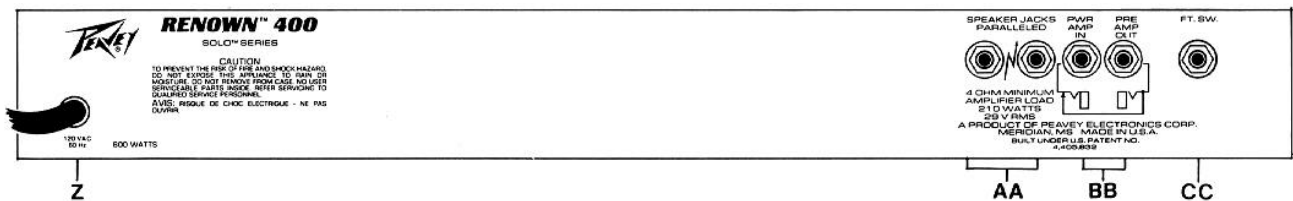
(Netzschalter)
Zum Einschalten in Position "On" drücken.

POWER SWITCH (Y)

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

POWER SWITCH (Y)

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

**LINE CORD (Z)**

For your safety, we have incorporated a 3-wire line (mains) cable on the bottom 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.

LINE CORD (Z)

Die elektrische Ausrüstung und der Sicherheitsstandard entsprechen den neuesten VDE-Bestimmungen. Eine Umschaltung der Polung ist nur bei den 120-Volt-Geräten möglich.

LINE CORD (Z)

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

LINE CORD (Z)

(Cable de Línea)
Para su seguridad incorporamos tres líneas para el cable (principal) en el fondo del chasis puesto a tierra. Se advierte no remover la punta que va a la tierra bajo ninguna circunstancia. Si es necesario usar el amplificador sin las apropiadas facilidades para ponerlo a tierra es conveniente adaptarle una tierra para ser usado. Menos ruido y menos posibilidades de un corto circuito existen cuando la unidad se usa en un contacto con su propia tierra. NOTA: En referencia a la anterior afirmación de remover la punta que va a la tierra es aplicable solamente a los modelos de 120 volts.

SPEAKER JACKS (AA)

Provided for connection of internal and/or external speakers. Minimum total impedance is 4 ohms.

SPEAKER JACKS (AA)

(Lautsprecherbuchsen)
Vorgesehen für den Anschluß eines oder mehrerer interner oder externer Lautsprecher. Minimale Gesamtimpedanz ist 4 Ohm.

SPEAKER JACKS (AA)

(Prises Haut-Parleur)
Reçoivent le branchement des haut-parleurs (incorporés et/ou extérieurs). L'impédance totale du système doit toujours être au moins égale à 4 ohms.

SPEAKER JACKS (AA)

(Conector de Bocina)
Esta previsto para conexión de bocinas internas o externas. La impedancia total mínima es de 4 ohms.

PREAMP OUT/POWER AMP IN (BB)

These jacks are provided for in-line patching of effects devices. To patch an effects unit, connect the Preamp Output to the Input of the device. Next, connect the output of the device to the Power Amp Input (high-quality shielded cables must be used for these connections). The Preamp Output can also be used to route the amplified signal to a mixing console, tape recorder, etc. Connect the Preamp Output, using a shielded cable, to an input of the tape recorder, mixer, etc. This patch does not affect the operation of the amplifier. NOTE: The preamp output level is approximately 1 volt RMS and is of relatively low impedance (600 ohms). Any effects device used in this effects loop must be capable of receiving 1 volt input and providing 1 volt output in order to properly drive the power amp. The Power Amp Input has an internal switch which disconnects the internal preamp.

REMOTE SWITCH JACK (CC)

Provided for the connection of the supplied remote footswitch. Footswitch used for channel selection, Automix™ operation and to activate/defeat Reverb.

PREAMP OUT/POWER AMP IN (BB)

Diese Buchsen sind vorgesehen für das direkte Einschleifen von Effektgeräten. Um ein Effektgerät anzuschließen, verbinden Sie den Preamp-Output mit dem Eingang des Effektgerätes. Als nächstes verbinden Sie den Ausgang des Effekts mit dem Power Amp-Input (für diese Anschlüsse müssen abgeschirmte Kabel verwendet werden). Der Preamp Output kann auch dazu benutzt werden, ein verstärktes Signal direkt in einen Mixer oder eine Bandmaschine zu leiten. Verbinden Sie den Preamp Output über ein abgeschirmtes Kabel mit dem Eingang des Mixers oder der Bandmaschine. Diese Verbindung hat keinen Einfluß auf die Funktion des Verstärkers. Anmerkung: Der Preamp Output Vorverstärkerausgangsspegel beträgt c. 1 Volt RMS bei 600 Ohm. Jedes Effektgerät, das hier eingeschleift werden soll, muß ein Eingangs- und Ausgangssignal von 1 Volt haben, um den Poweramp richtig anzusteuern. Der Poweramp-Eingang hat einen internen Schalter, der den internen Preamp trennt.

REMOTE SWITCH JACK (CC)

Diese Buchse ist vorgesehen für den Anschluß des Fernbedienungsfußschalters. Mit diesem Fußschalter kann die Kanalwahl, die Automix-Funktion sowie das Ein- und Ausschalten des Halls vorgenommen werden.

PREAMP OUT/POWER AMP IN (BB)

(Sortie Préampli et Entrée Ampli) Ces prises jack de boucle d'effet permettent l'insertion d'un boîtier d'effet. La sortie Preamp Out sera reliée à l'entrée de l'effet, et la sortie de l'effet à l'entrée Power In, le tout à l'aide de câbles blindés. La sortie Preamp Out permettra aussi de conduire le signal vers une table de mixage, un magnétophone, etc. Ce branchement se fera lui aussi par câble blindé et ne modifiera en rien les autres fonctions de l'ampli.

A noter que le niveau de sortie du préampli est d'environ 1 volt sous impédance assez basse (600 ohms). Les boîtiers d'effets insérés dans cette "boucle" devront donc être capables d'admettre ce niveau de 1 volt ainsi que de délivrer une sortie de 1 volt pour piloter l'ampli de puissance.

A noter aussi que l'entrée ampli de puissance "Power Amp In" a un interrupteur intégré qui coupe la jonction Préampli/Ampli lorsque l'on y insère une prise jack.

PREAMP OUT/POWER AMP IN (BB)

(Salida del Amplificador/Entrada al Poder del Amplificador) Estos conectores (jacks) están provistos para conectar efectos en línea del amplificador. Para conectar una unidad de efectos, conecte la salida del preamplificador a la entrada del aparato, después conecte la salida del aparato a la entrada del poder del amplificador (power amp in). Para este tipo de conexión deben usarse cables de buena calidad. La salida del preamplificador puede también ser usada para llevar la señal del amplificador a consolas, mixer, grabadoras, etc. Esta conexión no afecta la función del amplificador. NOTA: El volumen de la salida del preamplificador es aproximadamente 1 volt RMS y es de relativamente 600 ohms de baja impedancia. Cualquier efecto usado en este circuito (Loop) necesita poder recibir 1 volt de entrada y proveer 1 volt de salida en orden, para estimular apropiadamente el poder del amplificador. La entrada al poder del amplificador tiene un switch interno que desconecta el preamplificador interno.

REMOTE SWITCH JACK (CC)

(Pour Interrupteur au Pied) Utilisée pour brancher la pédale-interrupteur fournie avec l'appareil. Cette pédale permet la sélection du canal d'entrée, la commande de l'Automix™ et celle de la Réverb par des interrupteurs au pied.

REMOTE SWITCH JACK (CC)

(Remote Switch Jack) Conector hembra que da entrada al interruptor de pie que controla la selección de canal en el aparato, la operación del "Automix" y activa y cancela la reverberación.

POWER AMPLIFIER SECTION:

RATED POWER & LOAD
210 W RMS into 4 Ohms

POWER @ CLIPPING: (5% THD, 1 KHz, 120 VAC)

130 W RMS into 8 Ohms
220 W RMS into 4 Ohms
2 Ohms not recommended
FREQUENCY RESPONSE:
+0, -1 dB 60 Hz to 15 KHz @ 200 W RMS into 4 Ohms @ 4 Ohm
TOTAL HARMONIC DISTORTION:
Less than 0.5%, 100 MW to 200 W RMS
60 Hz to 15 KHz, 4 Ohms @ 4 Ohm
(Typically Below 0.2%)

HUM & NOISE:

Greater than 95 dB below rated power
POWER CONSUMPTION: (DOMESTIC)
600 watts, 50/60 Hz, 120 VAC

PREAMP SECTION:

THE FOLLOWING SPECS ARE MEASURED @ 1 KHZ WITH THE LEAD CHANNEL CONTROLS PRESET AS FOLLOWS:
PRE GAIN PULL BRIGHT OFF (IN)

SATURATION @ 0

POST GAIN @ 10
LOW EQ @ 10
MID EQ @ 0
SHIFT @ 3
HIGH EQ @ 10
HIGH PULL THICK OFF (IN)
PRESENCE @ 0 dB
THE NORMAL CHANNEL CONTROLS PRESET AS FOLLOWS:
PRE GAIN PULL BRIGHT OFF (IN)
POST GAIN @ 10
LOW EQ @ -5 dB
MID EQ @ -9 dB
SHIFT @ 300 Hz
HIGH EQ @ +3 dB
ADDITIONALLY:
REVERB @ 0
NOMINAL LEVELS ARE WITH PRE GAIN @ 5
MINIMUM LEVELS ARE WITH PRE GAIN @ 10
HIGH GAIN INPUT: (NO PAD)
Impedance: High Z, 220 K Ohms
Nominal Input Level: -28 dBV, 40 MV RMS
Minimum Input Level: -46 dBV, 5 MV RMS
Maximum Input Level: +4 dBV, 1.5 V RMS
LOW GAIN INPUT: (-6 dB PAD)
Impedance: High Z, 44K Ohms
Nominal Input Level: -22 dBV, 80 MV RMS
Minimum Input Level: -40 dBV, 10 MV RMS
Maximum Input Level: +10 dBV, 3 V RMS

PREAMP OUTPUT:

Load Impedance: 1 K Ohms or Greater
Nominal Output: 0 dBV, 1 V RMS
Maximum Output: +18 dBV, 8 V RMS
POWER AMP INPUT:
Impedance: High Z, 22K Ohms
DESIGNED INPUT LEVEL: 0 dBV, 1 V RMS
(Switching Jack Providing Preamp Output to Power Amp. Input Connection When Not Used)
SYSTEM HUM & NOISE @ NOMINAL INPUT LEVEL:
(20 Hz to 20 KHz Unweighted)
75 dB Below Rated Power
EQUALIZATION: (LEAD CHANNEL)
Low, Mid, Shift, & High Passive Type EQ
Special Active Presence Type EQ
Pull Bright: +6 dB @ 2 KHz
Pull Thick: Special Type EQ
EQUALIZATION: (NORMAL CHANNEL)
Low: -15 dB @ 60 Hz, Shelving
Mid: -15 dB (@ Shift Frequency), Peak/Notch
Shift: 150 Hz to 1500 Hz
High: +15 dB @ 5 KHz
Pull Bright: +6 dB @ 2 KHz
AUTO-MIX FOOT SWITCH:
Channel Select & Combine With LED Indicators
Reverb Defeat

WARNING

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 EXPOSURE LIMITS:

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
3/4	110
1/2 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 TO NOISE EXCEEDS THE LIMITS SET FORTH ABOVE. TO AVOID 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.

- Read all safety and operating instructions before using this product.
- All safety and operating instructions should be retained for future reference.
- Obey all cautions in the operating instructions and on the back of the unit.
- All operating instructions should be followed.
- This product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.
- 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.
- This product should not be placed near a source of heat such as a stove, heater, radiator or another heat producing appliance.
- Connect only to a power supply of the type marked on the unit attached to the power supply cord.
- 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."
- 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.
- The power supply cord should be unplugged when the units to be unused for long periods of time.
- 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.
- 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.
- This unit should be checked by a qualified service technician if:
 - The power supply cord or plug has been damaged.
 - Anything has fallen or been spilled into the unit.
 - The unit does not operate correctly.
 - The unit has been dropped or the enclosure damaged.
- The user should not attempt to service this equipment. All service work should be done by a qualified service technician.

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

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

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

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

ONE-YEAR LIMITED WARRANTY/REMEDY

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

PEAVEY 90-DAY LIMITED WARRANTY ON TUBES AND METERS

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

CONDITIONS, EXCLUSIONS AND LIMITATIONS OF LIMITED WARRANTIES

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

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

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

- In the case of tubes or meters, replace the defective component without charge;
 - In other covered cases (i.e., cases involving anything other than covers, footswitches, patchcords, tubes or meters), repair the defect in material or workmanship or replace the product, at Peavey's option;
- and provided, however, that, in any case, all costs of shipping, if necessary, are paid by you, the purchaser.

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

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

- Bring the defective item to any AUTHORIZED PEAVEY DEALER or AUTHORIZED PEAVEY SERVICE CENTER and present therewith the ORIGINAL PROOF OF PURCHASE supplied to you by the AUTHORIZED PEAVEY DEALER in connection with your purchase from him of this product.
If the DEALER or SERVICE CENTER is unable to provide the necessary warranty service you will be directed to the nearest other PEAVEY AUTHORIZED DEALER or AUTHORIZED PEAVEY SERVICE CENTER which can provide such service.

OR

- Ship the defective item, prepaid, to:

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS — WARRANTY REGISTRATION CARD

1. Mail the completed WARRANTY REGISTRATION CARD to:

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

- a. Keep the PROOF OF PURCHASE. In the event warranty service is required during the warranty period, you will need this document. **There will be no identification card issued by Peavey Electronics Corporation.**
2. IMPORTANCE OF WARRANTY REGISTRATION CARDS AND NOTIFICATION OF CHANGES OF ADDRESS:
 - a. Completion and mailing of WARRANTY REGISTRATION CARDS — Should notification become necessary for any condition that may require correction, the REGISTRATION CARD will help ensure that you are contacted and properly notified.
 - b. Notice of address changes — If you move from the address shown on the WARRANTY REGISTRATION CARD, you should notify Peavey of the change of address so as to facilitate your receipt of any bulletins or other forms of notification which may become necessary in connection with any condition that may require dissemination of information or correction.
 3. You may contact Peavey directly by telephoning (601) 483-5365.
 4. Please have the Peavey product name and serial number available when communicating with Peavey Customer Service.



Features and specifications subject to change without notice.