



Butcher™ Guitar Amplifier

Operating 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 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, this apparatus should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this apparatus. Before using this apparatus, read the operating guide for further warnings.



Este símbolo tiene el propósito, de alertar al usuario de la presencia de “(voltaje) peligroso” sin aislamiento dentro de la caja del producto y que puede tener una magnitud suficiente como para constituir riesgo de descarga eléctrica.



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

PRECAUCION: Riesgo de descarga eléctrica ¡NO ABRIR!

PRECAUCION: Para disminuir el riesgo de descarga eléctrica, no abra la cubierta. No hay piezas útiles dentro. Deje todo mantenimiento en manos del personal técnico cualificado.

ADVERTENCIA: Para prevenir choque eléctrico o riesgo de incendios, este aparato no se debe exponer a la lluvia o a la humedad. Los objetos llenos de líquidos, como los floreros, no se deben colocar encima de este aparato. Antes de usar este aparato, lea la guía de funcionamiento para otras advertencias.



Ce symbole est utilisé dans ce manuel pour indiquer à l'utilisateur la présence d'une tension dangereuse pouvant être d'amplitude suffisante pour constituer un risque de choc électrique.



Ce symbole est utilisé dans ce manuel pour indiquer à l'utilisateur qu'il ou qu'elle trouvera d'importantes instructions concernant l'utilisation et l'entretien de l'appareil dans le paragraphe signalé.

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. Confiez l'entretien et la réparation de l'appareil à un réparateur Peavey agréé.

AVIS: Dans le but de réduire les risques d'incendie ou de décharge électrique, cet appareil ne doit pas être exposé à la pluie ou à l'humidité et aucun objet rempli de liquide, tel qu'un vase, ne doit être posé sur celui-ci. Avant d'utiliser de cet appareil, lisez attentivement le guide fonctionnant pour avertissements supplémentaires.



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.

WARNUNG: Um elektrischen Schlag oder Brandgefahr zu verhindern, sollte dieser Apparat nicht Regen oder Feuchtigkeit ausgesetzt werden und Gegenstände mit Flüssigkeiten gefüllt, wie Vasen, nicht auf diesen Apparat gesetzt werden. Bevor dieser Apparat verwendet wird, lesen Sie bitte den Funktionsführer für weitere Warnungen.

IMPORTANT SAFETY INSTRUCTIONS

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

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
11. Only use attachments/accessories provided by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13.  Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Never break off the ground pin. Write for our free booklet "Shock Hazard and Grounding." Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
16. If this product is to be mounted in an equipment rack, rear support should be provided.
17. Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
 - a) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green or colored green and yellow.
 - b) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black.
 - c) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.
18. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
19. The on/off switch in this unit does not break both sides of the primary mains. Hazardous energy can be present inside the chassis when the on/off switch is in the off position. The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
20. 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 to 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!

WICHTIGE SICHERHEITSHINWEISE



ACHTUNG: Beim Einsatz von Elektrogeräten müssen u.a. grundlegende Vorsichtsmaßnahmen befolgt werden:

1. Lesen Sie sich diese Anweisungen durch.
2. Bewahren Sie diese Anweisungen auf.
3. Beachten Sie alle Warnungen.
4. Befolgen Sie alle Anweisungen.
5. Setzen Sie dieses Gerät nicht in der Nähe von Wasser ein.
6. Reinigen Sie es nur mit einem trockenen Tuch.
7. Blockieren Sie keine der Lüftungsöffnungen. Führen Sie die Installation gemäß den Anweisungen des Herstellers durch.
8. Installieren Sie das Gerät nicht neben Wärmequellen wie Heizungen, Heizgeräten, Öfen oder anderen Geräten (auch Verstärkern), die Wärme erzeugen.
9. Beeinträchtigen Sie nicht die Sicherheitswirkung des gepolten Steckers bzw. des Erdungssteckers. Ein gepolter Stecker weist zwei Stifte auf, von denen einer breiter ist als der andere. Ein Erdungsstecker weist zwei Stifte und einen dritten Erdungsstift auf. Der breite Stift bzw. der dritte Stift dient Ihrer Sicherheit. Sollte der beiliegende Stecker nicht in Ihre Steckdose passen, wenden Sie sich bitte an einen Elektriker, um die ungeeignete Steckdose austauschen zu lassen.
10. Schützen Sie das Netzkabel, sodass niemand darauf tritt oder es geknickt wird, insbesondere an Steckern oder Buchsen und ihren Austrittsstellen aus dem Gerät.
11. Verwenden Sie nur die vom Hersteller erhältlichen Zubehörgeräte oder Zubehörteile.
12.  Verwenden Sie nur einen Wagen, Stativ, Dreifuß, Träger oder Tisch, der den Angaben des Herstellers entspricht oder zusammen mit dem Gerät verkauft wurde. Wird ein Wagen verwendet, bewegen Sie den Wagen mit dem darauf befindlichen Gerät besonders vorsichtig, damit er nicht umkippt und möglicherweise jemand verletzt wird.
13. Trennen Sie das Gerät während eines Gewitters oder während längerer Zeiträume, in denen es nicht benutzt wird, von der Stromversorgung.
14. Lassen Sie sämtliche Wartungsarbeiten von qualifizierten Kundendiensttechnikern durchführen. Eine Wartung ist erforderlich, wenn das Gerät in irgendeiner Art beschädigt wurde, etwa wenn das Netzkabel oder der Netzstecker beschädigt wurden, Flüssigkeit oder Gegenstände in das Gerät gelangt sind, das Gerät Regen oder Feuchtigkeit ausgesetzt wurde, nicht normal arbeitet oder heruntergefallen ist.
15. Der Erdungsstift darf nie entfernt werden. Auf Wunsch senden wir Ihnen gerne unsere kostenlose Broschüre „Shock Hazard and Grounding“ (Gefahr durch elektrischen Schlag und Erdung) zu. Schließen Sie nur an die Stromversorgung der Art an, die am Gerät neben dem Netzkabel angegeben ist.
16. Wenn dieses Produkt in ein Geräte-Rack eingebaut werden soll, muss eine Versorgung über die Rückseite eingerichtet werden.
17. Hinweis – Nur für Großbritannien: Sollte die Farbe der Drähte in der Netzleitung dieses Geräts nicht mit den Klemmen in Ihrem Stecker übereinstimmen, gehen Sie folgendermaßen vor:
 - a) Der grün-gelbe Draht muss an die mit E (Symbol für Erde) markierte bzw. grüne oder grün-gelbe Klemme angeschlossen werden.
 - b) Der blaue Draht muss an die mit N markierte bzw. schwarze Klemme angeschlossen werden.
 - c) Der braune Draht muss an die mit L markierte bzw. rote Klemme angeschlossen werden.
18. Dieses Gerät darf nicht ungeschützt Wassertropfen und Wasserspritzern ausgesetzt werden und es muss darauf geachtet werden, dass keine mit Flüssigkeiten gefüllte Gegenstände, wie z. B. Blumenvasen, auf dem Gerät abgestellt werden.
19. Der Netzschalter in dieser Einheit bricht beide Seiten von den primären Hauptleitungen nicht. Gefährliche Energie kann anwesend innerhalb des Chassis sein, wenn her Netzschalter im ab Poistion ist. Die Hauptleitungen stöpseln zu oder Gerätkupplung ist benutzt, während das Vorrichtung abschaltet, das schaltet Vorrichtung wird bleiben sogleich hantierbar ab.
20. Belastung durch extrem hohe Lärmpegel kann zu dauerhaftem Gehörverlust führen. Die Anfälligkeit für durch Lärm bedingten Gehörverlust ist von Mensch zu Mensch verschieden, das Gehör wird jedoch bei jedem in gewissem Maße geschädigt, der über einen bestimmten Zeitraum ausreichend starkem Lärm ausgesetzt ist. Die US-Arbeitsschutzbehörde (Occupational and Health Administration, OSHA) hat die folgenden zulässigen Pegel für Lärmbelastung festgelegt:

Dauer pro Tag in Stunden	Geräuschpegel dBA, langsame Reaktion
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 oder weniger	115


Laut OSHA kann jede Belastung über den obenstehenden zulässigen Grenzwerten zu einem gewissen Gehörverlust führen. Sollte die Belastung die obenstehenden Grenzwerte übersteigen, müssen beim Betrieb dieses Verstärkungssystems Ohrenstopfen oder Schutzvorrichtungen im Gehörgang oder über den Ohren getragen werden, um einen dauerhaften Gehörverlust zu verhindern. Um sich vor einer möglicherweise gefährlichen Belastung durch hohe Schalldruckpegel zu schützen, wird allen Personen empfohlen, die mit Geräten arbeiten, die wie dieses Verstärkungssystem hohe Schalldruckpegel erzeugen können, beim Betrieb dieses Geräts einen Gehörschutz zu tragen.

BEWAHREN SIE DIESE SICHERHEITSHINWEISE AUF!

INSTRUCTIONS IMPORTANTES DE SECURITE

ATTENTION: L'utilisation de tout appareil électrique doit être soumise aux précautions d'usage incluant:



1. Lire ces instructions.
2. Gardez ce manuel pour de futures références.
3. Prêtez attention aux messages de précautions de ce manuel.
4. Suivez ces instructions.
5. N'utilisez pas cette unité proche de plans d'eau.
6. N'utilisez qu'un tissu sec pour le nettoyage de votre unité.
7. N'obstruez pas les systèmes de refroidissement de votre unité et installez votre unité en fonction des instructions de ce manuel.
8. Ne positionnez pas votre unité à proximité de toute source de chaleur.
9. Connectez toujours votre unité sur une alimentation munie de prise de terre utilisant le cordon d'alimentation fourni.
10. Protégez les connecteurs de votre unité et positionnez les cablages pour éviter toutes déconnexions accidentelles.
11. N'utilisez que des fixations approuvées par le fabricant.
12. Lors de l'utilisation sur pied ou poteau de support, assurez dans le cas de déplacement de l'ensemble enceinte/support de prévenir tout basculement intempestif de celui-ci.
13.  Il est conseillé de déconnecter du secteur votre unité en cas d'orage ou de durée prolongée sans utilisation.
14. Seul un technicien agréé par le fabricant est à même de réparer/contrôler votre unité. Celle-ci doit être contrôlée si elle a subi des dommages de manipulation, d'utilisation ou de stockage (humidité,...).
15. Ne déconnectez jamais la prise de terre de votre unité.
16. Si votre unité est destinée à être montée en rack, des supports arrière doivent être utilisés.
17. Note pour les Royaumes-Unis: Si les couleurs de connecteurs du câble d'alimentation ne correspondent pas au guide de la prise secteur, procédez comme suit:
 - a) Le connecteur vert et jaune doit être connecté au terminal noté E, indiquant la prise de terre ou correspondant aux couleurs verte ou verte et jaune du guide.
 - b) Le connecteur Bleu doit être connecté au terminal noté N, correspondant à la couleur noire du guide.
 - c) Le connecteur marron doit être connecté au terminal noté L, correspondant à la couleur rouge du guide.
18. Cet équipement électrique ne doit en aucun cas être en contact avec un quelconque liquide et aucun objet contenant un liquide, vase ou autre ne devrait être posé sur celui-ci.
19. L'interrupteur (on-off) dans cette unité ne casse pas les deux côtés du primaire principal. L'énergie hasardeuse peut être présente dans le châssis quand l'interrupteur (on-off) est dans la position. Le bouchon principal ou atelage d'appareil est utilisé comme le débrancher l'appareil restera facilement opérable.
20. Une exposition à de hauts niveaux sonores peut conduire à des dommages de l'écoute irréversibles. La susceptibilité au bruit varie considérablement d'un individu à l'autre, mais une large majorité de la population expérimentera une perte de l'écoute après une exposition à une forte puissance sonore pour une durée prolongée. L'organisme de la santé américaine (OSHA) a produit le guide ci-dessous en rapport à la perte occasionnée:

Durée par Jour (heures)	Niveau sonore moyen (dBA)
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 ou inférieur	115


D'après les études menées par le OSHA, toute exposition au delà des limites décrites ci-dessus entraînera des pertes de l'écoute chez la plupart des sujets. Le port de système de protection (casque, oreillette de filtrage,...) doit être observé lors de l'opération cette unité ou des dommages irréversibles peuvent être occasionnés. Le port de ces systèmes doit être observé par toutes personnes susceptibles d'être exposées à des conditions au delà des limites décrites ci-dessus.

GARDEZ CES INSTRUCTIONS!

INSTRUCCIONES IMPORTANTES PARA SU SEGURIDAD

CUIDADO: Cuando use productos electrónicos, debe tomar precauciones básicas, incluyendo las siguientes:



1. Lea estas instrucciones.
2. Guarde estas instrucciones.
3. Haga caso de todos los consejos.
4. Siga todas las instrucciones.
5. No usar este aparato cerca del agua.
6. Limpiar solamente con una tela seca.
7. No bloquear ninguna de las salidas de ventilación. Instalar de acuerdo a las instrucciones del fabricante.
8. No instalar cerca de ninguna fuente de calor como radiadores, estufas, hornos u otros aparatos (incluyendo amplificadores) que produzcan calor.
9. No retire la patilla protectora del enchufe polarizado o de tipo "a Tierra". Un enchufe polarizado tiene dos puntas, una de ellas más ancha que la otra. Un enchufe de tipo "a Tierra" tiene dos puntas y una tercera "a Tierra". La punta ancha (la tercera) se proporciona para su seguridad. Si el enchufe proporcionado no encaja en su enchufe de red, consulte a un electricista para que reemplace su enchufe obsoleto.
10. Proteja el cable de alimentación para que no sea pisado o pinchado, particularmente en los enchufes, huecos, y los puntos que salen del aparato.
11. Usar solamente añadidos/accesorios proporcionados por el fabricante.
12.  Usar solamente un carro, pie, trípode, o soporte especificado por el fabricante, o vendido junto al aparato. Cuando se use un carro, tenga cuidado al mover el conjunto carro/aparato para evitar que se dañe en un vuelco. No suspenda esta caja de ninguna manera.
13. Desenchufe este aparato durante tormentas o cuando no sea usado durante largos periodos de tiempo.
14. Para cualquier reparación, acuda a personal de servicio cualificado. Se requieren reparaciones cuando el aparato ha sido dañado de alguna manera, como cuando el cable de alimentación o el enchufe se han dañado, algún líquido ha sido derramado o algún objeto ha caído dentro del aparato, el aparato ha sido expuesto a la lluvia o la humedad, no funciona de manera normal, o ha sufrido una caída.
15. Nunca retire la patilla de Tierra. Escríbanos para obtener nuestro folleto gratuito "Shock Hazard and Grounding" ("Peligro de Electrocutación y Toma a Tierra"). Conecte el aparato sólo a una fuente de alimentación del tipo marcado al lado del cable de alimentación.
16. Si este producto va a ser enracado con más equipo, use algún tipo de apoyo trasero.
17. Nota para el Reino Unido solamente: Si los colores de los cables en el enchufe principal de esta unidad no corresponden con los terminales en su enchufe, proceda de la siguiente manera:
 - a) El cable de color verde y azul debe ser conectado al terminal que está marcado con la letra E, el símbolo de Tierra (earth), coloreado en verde o en verde y amarillo.
 - b) El cable coloreado en azul debe ser conectado al terminal que está marcado con la letra N o el color negro.
 - c) El cable coloreado en marrón debe ser conectado al terminal que está marcado con la letra L o el color rojo.
18. Este aparato eléctrico no debe ser sometido a ningún tipo de goteo o salpicadura y se debe tener cuidado para no poner objetos que contengan líquidos, como vasos, sobre el aparato.
19. El interruptor de en/lejos en esta unidad no rompe ambos lados de la red primaria. La energía peligrosa puede ser presente dentro del chasis cuando el interruptor de en/lejos está en el de la posición. El tapón de la red o el acoplador del aparato son utilizados como el desconecta dispositivo, el desconecta dispositivo se quedará fácilmente operable.
20. La exposición a altos niveles de ruido puede causar una pérdida permanente en la audición. La susceptibilidad a la pérdida de audición provocada por el ruido varía según la persona, pero casi todo el mundo perderá algo de audición si se expone a un nivel de ruido suficientemente intenso durante un tiempo determinado. El Departamento para la Salud y para la Seguridad del Gobierno de los Estados Unidos (OSHA) ha especificado las siguientes exposiciones al ruido permisibles:

Duración por Día en Horas	Nivel de Sonido dBA, Respuesta Lenta
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 o menos	115

De acuerdo al OSHA, cualquier exposición que exceda los límites arriba indicados puede producir algún tipo de pérdida en la audición. Protectores para los canales auditivos o tapones para los oídos deben ser usados cuando se opere con este sistema de sonido para prevenir una pérdida permanente en la audición, si la exposición excede los límites indicados más arriba. Para protegerse de una exposición a altos niveles de sonido potencialmente peligrosa, se recomienda que todas las personas expuestas a equipamiento capaz de producir altos niveles de presión sonora, tales como este sistema de amplificación, se encuentren protegidas por protectores auditivos mientras esta unidad esté operando.

GUARDE ESTAS INSTRUCCIONES!



Butcher™ Guitar Amplifier

This newest Peavey guitar amplifier harkens back to the tones of classic rock while offering unique modern features. The Butcher is a two-channel amplifier with five 12AX7 preamp tubes and four EL34 power amp tubes. Both the Clean and Crunch channels feature independent three-band EQ, plus channel volume and preamp gain controls so guitarists can adjust the interplay between the preamp and power amp on each channel for an array of gain possibilities. Both channels include a separate, footswitchable gain boost, while the Crunch channel also has a 12-way Punch selector that adjusts the low-end attack of the amplifier—a handy feature that helps match the head to various playing styles at different levels of gain. The master section widens the range of possibilities with two footswitchable master volumes, so players can set one as a default and use the second as a solo boost and a Presence control that boosts the extreme high frequencies, giving the amp extra cut. On the rear panel, the built-in Peavey MSDI™ microphone-simulated XLR direct interface eliminates the need for miking by allowing users to send the amp's signal directly to a recording device or mixing console. Additional controls include an active effects loop with send and return level control, an impedance selector and a half-power switch, allowing you to rock the Butcher in either 50-watt or 100-watt mode.

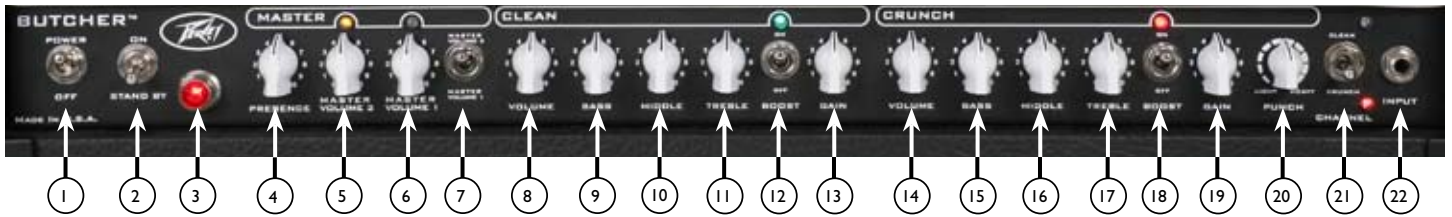
Features:

- Two channels; Clean and Crunch
- 4xEL34 100W power section & 5x12AX7 preamp tubes
- Separate three band EQ on each channel
- Global presence control
- Two Master Volume controls for additional boost capabilities
- 12-way 'punch' control on channel 2
- Pre-Gain boost switch on both channels
- Built in MSDI microphone simulated direct XLR output
- Active effects loop with send and return level
- Impedance selector
- Half Power switch
- MIDI control capability
- Included footswitch controls channel, boosts, loop and master volume switching



VENTILATION: For proper ventilation, allow 12" clearance from the nearest combustible surface. All vents should have a minimum of 2" of free air space so air can flow thru the unit freely for proper cooling.

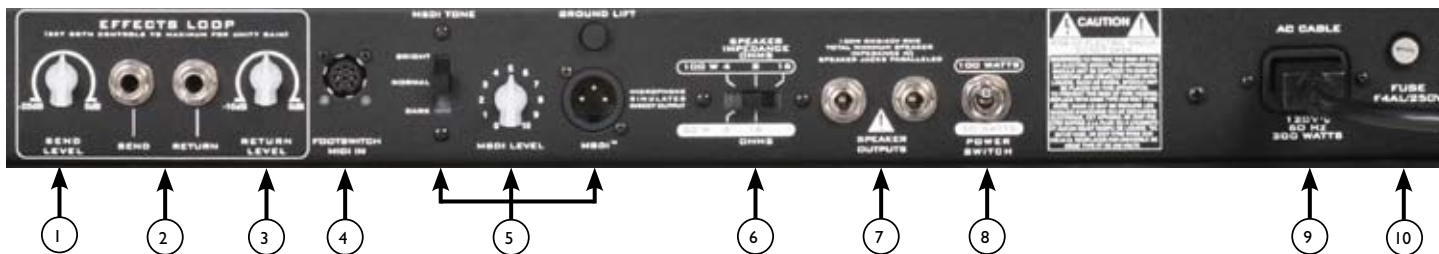
Front Panel



- 1 **POWER SWITCH**
This two-way toggle switch applies mains power to the unit. The power status lamp (3) will illuminate when this switch is in the ON position.
- 2 **STANDBY SWITCH**
This two-way toggle switch allows the amp to be placed in the STANDBY mode. In the STANDBY position, the tubes stay hot but the amplifier is not operational. Switching to the ON position places the amp in Active mode.
- MASTER SECTION**
- 4 **PRESENCE CONTROL**
Power amp tone control that adjusts the high-frequency damping in the power amp.
- 5 **MASTER VOLUME 2**
This control allows the user to set a second Master Volume at a different level than the Master Volume 1 (e.g. louder).
- 6 **MASTER VOLUME 1**
This control sets the overall volume level of the amp. Once the desired balance between the two channels in the amplifier has been achieved, the entire output level of the unit can be increased or decreased by rotating this control. Clockwise rotation increases the level; counterclockwise rotation decreases the level.
- 7 **MASTER VOLUME SWITCH**
This switch toggles between MASTER VOLUME 1 (6) and MASTER VOLUME 2 (5). This feature is switchable via the footswitch or via MIDI. For a complete list of MIDI commands, please refer to page 12 of this owner's manual.
- CLEAN CHANNEL**
- 8 **VOLUME CONTROL**
This sets the volume of the Clean channel.
- 9 **BASS**
This control varies the low-frequency response of the Clean channel.
- 10 **MIDDLE**
This control varies the mid-frequency response of the Clean channel.

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- 11 **TREBLE**
This control varies the high-frequency response of the Clean channel.
- 12 **CHANNEL BOOST**
This switch activates a preamp boost in the Clean channel for a pronounced overdrive. This feature is switchable via the footswitch or via MIDI. For a complete list of MIDI commands, please refer to page 12 of this owner's manual.
- 13 **CHANNEL GAIN**
This control controls the input volume level of the Clean channel. Rotating this control clockwise will increase the amount of preamp distortion and sustain.
- CRUNCH CHANNEL**
- 14 **VOLUME CONTROL**
This sets the volume for the Crunch channel.
- 15 **BASS**
This control varies the low-frequency response of the Crunch channel.
- 16 **MIDDLE**
This control varies the mid-frequency response of the Crunch channel.
- 17 **TREBLE**
This control varies the high-frequency response of the Crunch channel.
- 18 **CHANNEL BOOST**
This switch activates a preamp boost in the Crunch channel for more gain. This feature is switchable via the footswitch or via MIDI. For a complete list of MIDI commands, please refer to page 12 of this owner's manual.
- 19 **GAIN**
This control adjusts the input volume level of the Crunch channel. Rotating this control clockwise will increase the amount of preamp distortion and sustain.
- 20 **CRUNCH CHANNEL "PUNCH" CONTROL**
This 12-way selector that adjusts the low-end attack of the amplifier—a handy feature that helps match the head to various playing styles.
- 21 **CHANNEL SELECT SWITCH**
This two-position toggle switch allows selection between the amplifier's Clean and Crunch channels. LED illumination indicates which channel is active. Channel switching can also be accomplished by footswitch or via MIDI control.
- 22 **INPUT**
This 1/4" jack is designed to accommodate any guitar output signal.

Rear Panel



- 1 EFFECTS SEND LEVEL**
 This calibrated (-20dB to 0dB) control sets the level of signal being sent to external effects and/or signal processors. Clockwise rotation increases the amount of signal being sent; counterclockwise rotation decreases the amount. For unity gain, set both to 0dB (max) setting. Boost can be achieved by cutting Send or Return levels. The fact that both knobs cut allows for higher "level" settings on effects. All of this can be used to better optimize noise and avoid any chance of unwanted clipping in a given effect.
- 2 EFFECTS SEND / EFFECTS RETURN**
 These 1/4" mono (TS) jacks allow signal to be sent to and returned from external effects and/or signal processors. Using shielded cables with 1/4" mono (TS) phone plugs, patch from EFFECTS SEND to the input of the external device, and from the output of the external device to EFFECTS RETURN. If the footswitch is used, the EFFECTS SELECTOR switch must be depressed to activate the effects loop. See the FOOTSWITCH section of this manual for explanation of switch operation (page 9).
- 3 EFFECTS RETURN LEVEL**
 This calibrated (-10dB to 0dB) control sets the level of signal being returned from external effects and/or signal processors. Clockwise rotation increases the amount of signal being returned; counterclockwise rotation decreases the amount.
- 4 REMOTE SWITCH**
 This eight-pin DIN connector is provided for the connection of the remote footswitch. You must use the included eight-pin cable, as it supplies power to the footswitch. The Butcher can also be controlled remotely via MIDI using a standard five-pin MIDI cable. For a complete description of the MIDI commands, please refer to page 12 of this owner's manual.
- 5 MSDI™**
 Microphone Simulated Direct Interface. Peavey's exclusive MSDI simulates the sound of a microphone near a real speaker cone, allowing the user to send a direct signal to the mixing console with a miked-cab sound. This is a non-powered output and safe for use with any mixing console. The MSDI also features a TONE control, GROUND LIFT and LEVEL control, enabling the front-of-house engineer to alter the tone to what is required for the best sound. The MSDI is a passive circuit that does not clip.
- 6 CABINET IMPEDANCE SWITCH**
 This three-position switch allows appropriate selection of speaker cabinet impedance. If two enclosures of equal impedance are used, the switch should be set to half the individual value. For example, two 16-ohm enclosures necessitate an 8-ohm setting, while two 8-ohm enclosures would require a 4-ohm setting. Minimum speaker impedance is 4 ohms. When the amplifier is set to half-power mode, the impedance selector uses the bottom row on the switch to indicate the impedance selection. In half-power mode, the minimum speaker impedance is 8 ohms.

7

SPEAKER OUTPUTS

These paralleled 1/4" mono (TS) jacks are provided for the connection of speaker enclosure(s). Minimum speaker impedance is 4 ohms. The CABINET IMPEDANCE SWITCH (7) should be set to match the load of the speaker cabinet(s).

8

HALF POWER SWITCH

The Butcher is equipped with a half-power switch that reduces the maximum output power from 100 watts to 50 watts. 50-watt amplifiers have a different character than 100 watt amplifiers, overdriving more quickly and at slightly lower volumes. This switch is available for you to determine your own personal preferences and can be a versatile tool in the studio as well. The CABINET IMPEDANCE SWITCH (7) should be set to match the load of the speaker cabinet(s), as the settings will be different for half-power mode.

9

IEC MAINS CONNECTOR

This is a standard IEC power connector. An AC mains cord having the appropriate AC plug and ratings for the intended operating voltage is included in the carton. The mains cord should be connected to the amplifier before connecting to a suitable AC outlet.



U.S DOMESTIC AC MAINS CORD

The mains cord supplied with the unit is a heavy-duty, 3-conductor type with a conventional 120 VAC plug with ground pin. If the outlet used does not have a ground pin, a suitable grounding adapter should be used, and the third wire should be grounded properly.



Never break off the ground pin on any equipment. It is provided for your safety.



NOTE: FOR UK ONLY

If the colors of the wires in the mains lead of this unit do not correspond with the colored markings identifying the terminals in your plug, proceed as follows: (1) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the Earth symbol, colored green, or colored green and yellow. (2) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black. (3) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.

10

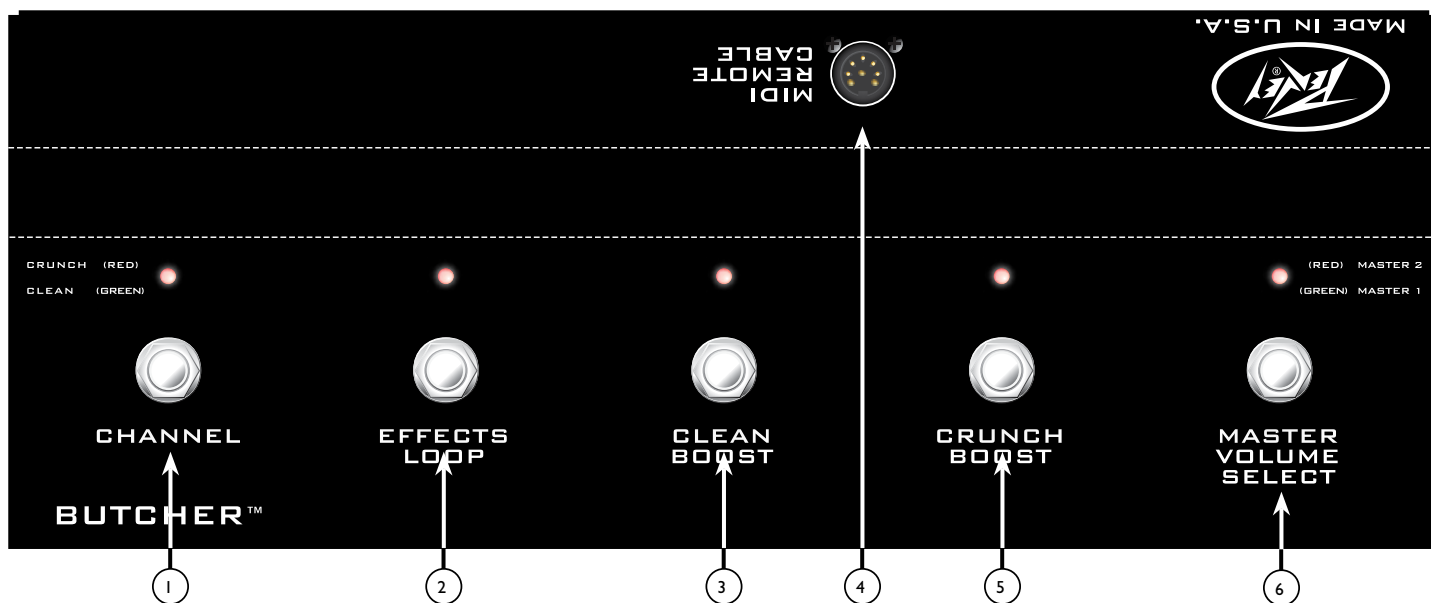
FUSE

A fuse is located within the cap of the fuse holder. This fuse must be replaced with one of the same type and value to avoid damaging the amplifier and voiding the warranty. If the amp repeatedly blows the fuse, it should be taken to a qualified service center for repair.



WARNING: THE FUSE SHOULD ONLY BE REPLACED AFTER THE POWER CORD HAS BEEN DISCONNECTED.

Footswitch



1

CHANNEL SWITCH

Toggles between the Clean channel and the Crunch channel.

2

EFFECTS LOOP ON/OFF SWITCH

Toggles the Effects Loop on or off. When the indicator light is lit, the Effects Loop is active.

3

CLEAN CHANNEL BOOST

Switches on the preamp boost on the Clean channel.

4

REMOTE CABLE JACK

Connect the included eight-pin cable to the amp's footswitch/MIDI input jack.

Note: You must use the included eight-pin cable, as it supplies the footswitch with power. When using an external MIDI source to control the amplifier, a five-pin MIDI cable can be used. Since the Butcher uses MIDI control, changes made to switches on the amplifier will be reflected by the LED's on the footswitch, and vice versa.

5

CRUNCH CHANNEL BOOST

Switches on the preamp boost on the Crunch channel.

6

MASTER VOLUME SELECT SWITCH

Toggles between the Two Master Volume controls.

Specifications

Power Amplifier Section:

Rated Power and Load:

100W(rms) into 16, 8 or 4 ohms (selectable impedance)
50W(rms) into 16 or 8 ohms (half-power switch engaged)
Hum and Noise:
Greater than 90 dB below rated power
Power Consumption:
Domestic: 300W, 60 Hz, 120 VAC
Export: 300W, 50/60 Hz, 220-240 VAC

Preamp Section:

The following specs are measured @ 1kHz with the controls preset as follows:

Clean and Crunch Gains @ 5
Punch @ 6th CW position
Low, Mid, and High EQ @ 5
Clean and Crunch Volumes @ 10
Effects Send and Return Levels @ 0dB
Master Volumes @ 10
Power Level @ 100W
Presence @ 0

Clean Channel:

Nominal Input Level (no boost): -6.94 dBV, 450 mV rms
Nominal Input Level (with boost): -20.0 dBV, 100 mV rms
Input Impedance: 1M Ohms.

Crunch Channel:

Nominal Input Level (no boost): -8.40 dBV, 380 mV rms
Nominal Input Level (with boost): -14.0 dBV, 200 mV rms
Input Impedance: 1M Ohms.

Effects Send:

Load Impedance: 1k Ohms or greater
Nominal Output Level: 0 dBV, 1.0 V(rms)

Effects Return:

Impedance: High Z, 1M Ohms
Nominal Input Level: 0 dBV, 1.0 V(rms)
(Switching jack provides Effects Send to Effects Return connection when not used)

Equalization:

Clean and Crunch channels: Low, Mid, and High passive EQ with dedicated voicings.
Presence: High-frequency power amp feedback to the phase inverter.

Remote Footswitch:

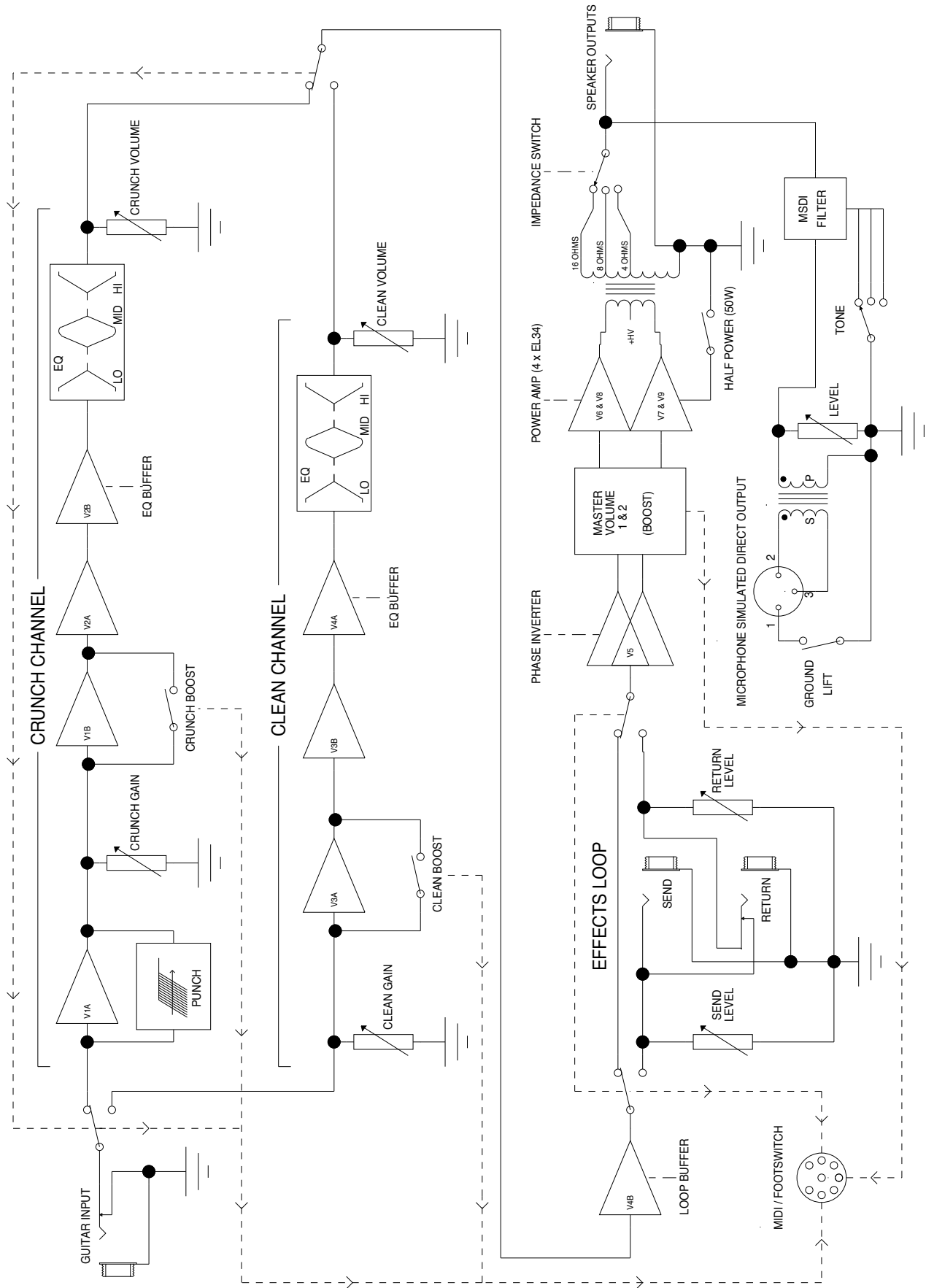
Special 5-button unit with LED indicators (included)

Dimensions and Weight:

10.5" (267mm) H x 26.5" (673mm) W x 11.4" (290mm) D
50.8 lbs. (23.0 kg)

BUTCHER

FUNCTIONAL BLOCK DIAGRAM



BUTCHER™ MIDI IMPLEMENTATION

MIDI Channel Select						
Via System Exclusive: Hex: F0 00 00 1B 14 01 75 ch F7 ... where ch is 00-0F (MIDI channel 1-16)						
Via Butcher footswitch: Hold the last footswitch (Master) for 2 seconds to enter MIDI channel select mode.						
The LEDs on the first four footswitches will blink. You can then choose MIDI channel 1, 2, 3 or 4 by pressing one of those. You can also press Master again to cancel the operation.						
MIDI CC (Continuous Controller)						
Hex: Bn (CC) (DATA)		(n=chan-1)		Data: any		
1			Clean Channel	no other changes	(same as preset 0)	
2			Crunch Channel	no other changes	(same as preset 1)	
			Data: 00-3F (Decimal 0-63)	Data: 40-7F (Decimal 64-127)		
3			Clean Channel	Crunch Channel		
4			Boost OFF *	Boost ON *	* active channel	
5			Clean Boost OFF	Clean Boost ON	(won't change chan)	
6			Crunch Boost OFF	Crunch Boost ON	(won't change chan)	
7			Master 1	Master 2		
8			Effects Loop OFF	Effects Loop ON		
MIDI PROGRAM						
Hex: Cn (PROGRAM)		(n=chan-1)				
(Decimal)	(Hex)	CHANNEL	BOOST (CHAN)	MASTER 2	FX LOOP	
<i>Channel only:</i>						
0	0	clean	no change	no change	no change	
1	1	crunch	no change	no change	no change	
<i>Factory Map:</i>						
2	2	clean				blank = OFF
3	3	crunch				X = ON
4	4	clean	X			
5	5	crunch	X			
6	6	clean		X		
7	7	crunch		X		
8	8	clean	X	X		
9	9	crunch	X	X		
10	A	clean			X	
11	B	crunch			X	
12	C	clean	X		X	
13	D	crunch	X		X	
14	E	clean		X	X	
15	F	crunch		X	X	
16	10	clean	X	X	X	
17	11	crunch	X	X	X	

PEAVEY ELECTRONICS CORPORATION LIMITED WARRANTY

Effective Date: 03/04/2010

What This Warranty Covers

Your Peavey Warranty covers defects in material and workmanship in Peavey products purchased and serviced in the U.S.A. and Canada.

What This Warranty Does Not Cover

The Warranty does not cover: (1) damage caused by accident, misuse, abuse, improper installation or operation, rental, product modification or neglect; (2) damage occurring during shipment; (3) damage caused by repair or service performed by persons not authorized by Peavey; (4) products on which the serial number has been altered, defaced or removed; (5) products not purchased from an Authorized Peavey Dealer.

Who This Warranty Protects

This Warranty protects only the original purchaser of the product.

How Long This Warranty Lasts

The Warranty begins on the date of purchase by the original retail purchaser. The duration of the Warranty is as follows:

Product Category	Duration
Guitars/Basses, Amplifiers, Preamplifiers, Mixers, Electronic Crossovers and Equalizers	2 years *(+ 3 years)
Drums	2 years *(+ 1 year)
Enclosures	3 years *(+ 2 years)
Digital Effect Devices and Keyboards and MIDI Controllers	1 years *(+ 1 year)
Microphones	2 years
Speaker Components (incl. Speakers, Baskets, Drivers, Diaphragm Replacement Kits and Passive Crossovers)	1 year
Tubes and Meters	90 Days
Cables	Limited Lifetime
Rockmaster Series, Strum'n Fun, Vectra, Rotor, OCC Stage pack, GT & BT Series amps, Retro Fire, Metal Maker and Iron Wing	1 year

[* Denotes additional Warranty period applicable if optional Warranty Registration Card is completed and returned to Peavey by original retail purchaser within 90 days of purchase.]

What Peavey Will Do

We will repair or replace (at Peavey's discretion) products covered by Warranty at no charge for labor or materials. If the product or component must be shipped to Peavey for Warranty service, the consumer must pay initial shipping charges. If the repairs are covered by Warranty, Peavey will pay the return shipping charges.

How To Get Warranty Service

- (1) Take the defective item and your sales receipt or other proof of date of purchase to your Authorized Peavey Dealer or Authorized Peavey Service Center.
- OR
- (2) Ship the defective item, prepaid, to Peavey Electronics Corporation, International Service Center, 412 Highway 11 & 80 East, Meridian, MS 39301. Include a detailed description of the problem, together with a copy of your sales receipt or other proof of date of purchase as evidence of Warranty coverage. Also provide a complete return address.

Limitation of Implied Warranties

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

Some states do not allow limitations on how long an implied Warranty lasts, so the above limitation may not apply to you.

Exclusions of Damages

PEAVEY'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT, AT PEAVEY'S OPTION. IF WE ELECT TO REPLACE THE PRODUCT, THE REPLACEMENT MAY BE A RECONDITIONED UNIT. PEAVEY SHALL NOT BE LIABLE FOR DAMAGES BASED ON INCONVENIENCE, LOSS OF USE, LOST PROFITS, LOST SAVINGS, DAMAGE TO ANY OTHER EQUIPMENT OR OTHER ITEMS AT THE SITE OF USE, OR ANY OTHER DAMAGES WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

If you have any questions about this Warranty or services received or if you need assistance in locating an Authorized Service Center, please contact the Peavey International Service Center at (601) 483-5365.

Features and specifications are subject to change without notice.

Optional Product Extended Warranty Registration

Give us some information and put your extended warranty into effect!

Please take a few minutes to fill out this information/survey sheet to help us get to know and serve you better.
To save time, submit your warranty registration online at www.peavey.com/support/warrantyregistration

1.

First Name _____ Initial _____ Last Name _____

Street Address _____

City _____ State/Province _____ Postal Code _____

() _____
Telephone Number _____ E-mail Address _____

() _____ - ____ - ____
Fax Number _____ Date of birth _____

Gender M F

2.

Model _____ 8-Digit Serial Number

Date of Purchase _____ Price Paid _____

3.

Name of store where purchased _____

City _____ State _____

4. Top two (2) reasons why you purchased from this store/dealer:

- | | |
|---|--|
| <input type="checkbox"/> Availability of product | <input type="checkbox"/> Past favorable experience |
| <input type="checkbox"/> Friend/Relative's recommendation | <input type="checkbox"/> Best price |
| <input type="checkbox"/> Store credit card | <input type="checkbox"/> Advertised special |
| <input type="checkbox"/> Knowledgeable staff | <input type="checkbox"/> Convenient location |
| <input type="checkbox"/> Availability of lessons | <input type="checkbox"/> Received as a gift |
| <input type="checkbox"/> Technical instruction | <input type="checkbox"/> Other _____ |

5. Where do you most often shop for music and sound products?

- | | |
|---|---|
| <input type="checkbox"/> Independent retailer | <input type="checkbox"/> Newspaper ads |
| <input type="checkbox"/> Mass market retailer | <input type="checkbox"/> Internet/Web sites |
| <input type="checkbox"/> Mail order magazines | <input type="checkbox"/> Other _____ |

6. What two (2) factors most influenced your purchase of this product?

- | | |
|--|---|
| <input type="checkbox"/> Peavey brand name | <input type="checkbox"/> Product appearance |
| <input type="checkbox"/> Craftsmanship | <input type="checkbox"/> Durability |
| <input type="checkbox"/> Features for price | <input type="checkbox"/> Prior experience with Peavey |
| <input type="checkbox"/> Bundled accessories | <input type="checkbox"/> Packaging |
| <input type="checkbox"/> Sound quality | <input type="checkbox"/> Other _____ |

7. How did you learn about this Peavey product? (select best answer)

- | | |
|---|---|
| <input type="checkbox"/> Magazine review | <input type="checkbox"/> Teacher's recommendation |
| <input type="checkbox"/> Newspaper review | <input type="checkbox"/> Catalog or flyer |
| <input type="checkbox"/> Radio advertisement | <input type="checkbox"/> Saw in store |
| <input type="checkbox"/> Advertised special | <input type="checkbox"/> Use by professional |
| <input type="checkbox"/> Friend/Relative's recommendation | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Salesperson's recommendation | |

8. Which other brands/models did you consider?

9. How would you describe your level of musicianship/technical expertise?

- Beginner - Never played or taken less than one (1) year of lessons
 Intermediate - One (1) to five (5) years of lessons or playing
 Advanced - More than five (5) years of lessons or playing; play professionally

10. Education: (select best answer)

- High school
 Some college
 Completed college
 Graduate school

11. Which best describe your family income? (select best answer)

- | | |
|--|--|
| <input type="checkbox"/> Under \$15,000 | <input type="checkbox"/> \$75,000 - \$99,999 |
| <input type="checkbox"/> \$15,000 - \$24,999 | <input type="checkbox"/> \$100,000 - \$149,999 |
| <input type="checkbox"/> \$25,000 - \$34,999 | <input type="checkbox"/> Over - \$150,000 |
| <input type="checkbox"/> \$35,000 - \$49,999 | |
| <input type="checkbox"/> \$50,000 - \$74,999 | |

12. Which of the following is your primary source of information on musical products: (select best answer)

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> Television | <input type="checkbox"/> Mail order catalogs |
| <input type="checkbox"/> Radio | <input type="checkbox"/> Direct mail |
| <input type="checkbox"/> Internet | <input type="checkbox"/> Literature from manufacturer |
| <input type="checkbox"/> Newspaper | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Magazines | |

13. What is your main motivation for buying new equipment?

- | | |
|--|--|
| <input type="checkbox"/> Replacing old product | <input type="checkbox"/> Impulse |
| <input type="checkbox"/> Want new and leading edge equipment | <input type="checkbox"/> Need for improved performance |
| <input type="checkbox"/> Fullfill a specific need | <input type="checkbox"/> New technology |
| <input type="checkbox"/> Supplement existing products | <input type="checkbox"/> Availability of product |
| <input type="checkbox"/> Value | <input type="checkbox"/> Other _____ |

14. Please list your three most frequently visited Web sites.

1. <http://> _____
2. <http://> _____
3. <http://> _____

15. In your opinion, what could Peavey do to improve its products and/or service? Please use the space below to tell us your answer.

Thank you for taking the time to fill out our survey! Don't forget to fold and tape (with Peavey address facing out), affix postage stamp and drop in the mail!



Logo referenced in Directive 2002/96/EC Annex IV (OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and is applied only to equipment manufactured after 13 August 2005

FROM:



Peavey Electronics Corporation
Attn: Warranty Department
P.O. Box 5108
Meridian, Ms 39302-5108

**Place
Postage
Here**



Features and specifications subject to change without notice.

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