

BUDDA®

V Series™ II Superdrive™

V-20 V-40

112 COMBO 212 COMBO HEAD

BUDDA AMPLIFIERS & CABINETS ARE DESIGNED AND BUILT IN THE U.S.A.



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 Position ist. Die Hauptleitungen stöpseln zu oder Gerätekupplung 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 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 reemplaze 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 Electrocuación 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!

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.
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V Series™ II Superdrive™

V-20 V-40

112 COMBO 212 COMBO HEAD



Budda™ V-Series™ II Superdrive™ Guitar Amplifiers

Thank you for purchasing the finest tube amplifier in the business. We appreciate your support and look forward to providing you with years of trouble-free service.

Before we get into the features of your amplifier, we would like to note that tube amplifiers require a little bit of care and maintenance to ensure many years of service. We would like to share the most important tips with you right here:

When you first turn on your amplifier, remember to leave it on Rest for at least 30 seconds before turning it to Go. This will give the tubes time to warm up and will extend tube life.



Front Panel Functions: What they do and how to use them

On / Off: Power On and Off switch. Make sure the black Go/Rest switch is set on Rest before you turn the power to On.

Go / Rest: Standby control. Always remember to leave it on Rest for at least 30 seconds before turning it to Go when you turn the amp On. Always switch the amplifier to Rest before plugging or unplugging any devices or cables.

Master: The Master controls the overall Volume of your amplifier. It also has a push/pull feature that allows you to select between the Rhythm (push) and Drive (pull) channels. The higher the setting, the louder the output and greater the tube saturation. Note: pulling this control will disable the footswitch function.

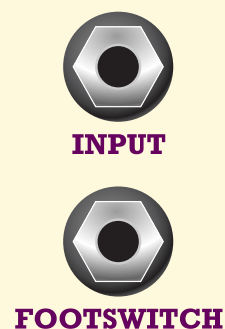
Bass: Use this control to dial your bass frequencies. Adjustments to this manual usually depend upon your pickup configuration; single coils will require more bass and humbuckers less.

Mid: Use this push/pull control to dial in your midrange frequencies. Mids are the most active part of the EQ circuit. Cutting scoops your tone, sort of like creating a “V” in a graphic equalizer. Boosting them will add more fundamental guitar frequencies.

Pull “Thick”: Pulling this control will add fullness to the tone of the amp. This is more noticeable in the Drive mode, but affects the Rhythm mode as well.

Check to make sure that the Impedance switch on the rear panel is set to the correct impedance (4, 8 or 16 ohms) for your cabinet. Improper loading may cause excess tube and transformer wear and eventual failure. Use high-quality speaker cables to ensure maximum performance. For tube-related problems, please see the troubleshooting section on page 10 of this manual.

All Superdrive chassis are fabricated from aluminum, which helps to reduce weight along with our custom pine cabinets. Low weight is a significant benefit for all players who gig, as well as their happy road crew & techs. Aluminum is also a great conductor of heat. It may feel warmer to the touch than a traditional steel chassis, but there's no need to worry.



Treble: Use this control to dial in your treble frequencies. Typically, guitars that use single coils will require less treble and humbuckers more.

Drive: This controls the overall distortion of your amplifier. Lower settings will offer a blues type of gain
Mid settings are good for crunch
Higher settings are great for solo work

Rhythm: Use the Rhythm control to adjust the gain of your Rhythm channel

Pull Brite: This control adds brilliance to the Rhythm channel. Use this to create shimmering clean tones and also to give your treble a boost when using guitars with humbuckers and darker-sounding woods.

Input: This is where you plug in your guitar cable.

Footswitch: Plug your Budda single-button footswitch cable here to switch between the Rhythm and Drive channels of your amp. If you forget your switch at the gig, you can pull the Master control to access the Drive channel.



Rear Panel Functions: What they do and how to use them

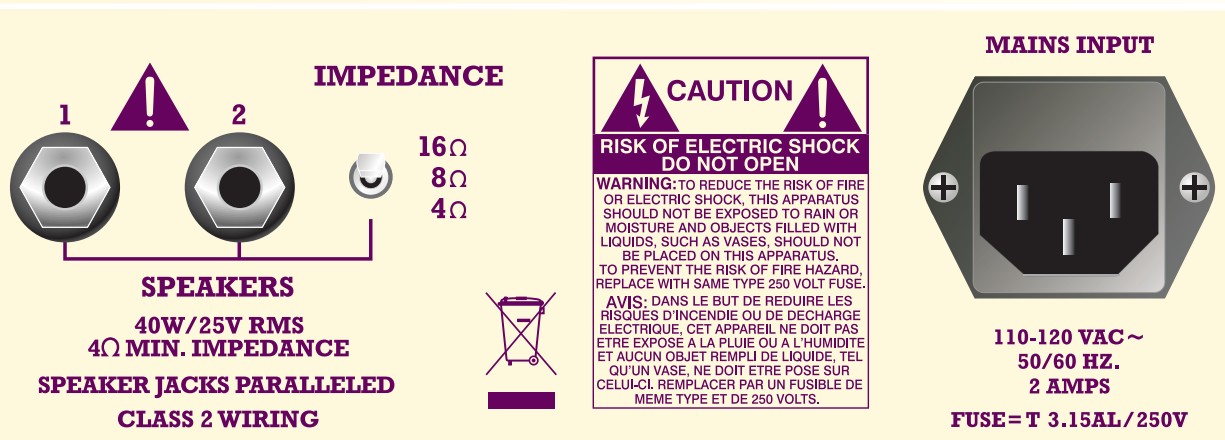
Effects Loop: Superdrive V amps have passive series loops. This is where you plug in your effects devices.

Send: Use this jack to send your signal to an external effect unit input, or to another amplifier's effects return input. This signal comes from the preamp and includes the EQ section and Master Volume control of your amplifier.

Return: Use this jack to receive the output of your effects device or another amplifier's send or direct output. This path sends the signal to the power amp and is post EQ and Master Volume. At this point you are accessing only the power (output) section of the amplifier.

Slave: The Slave out is a 100-ohm compensated signal that is in parallel with the speaker output. It contains the full complement of preamp and power amp characteristics of your amp. Use this output to send your signal to a power amplifier connected to additional speaker cabinets for a louder version of your amp.

Slave Level: This controls the level of the output from your Slave out. If slaving to an effects unit in a stereo amp rig, use the unit's input sensitivity LED lights as a gauge to set the slave level. Use this control to avoid overloading the input of your slave amp or effects unit.



Speakers: This is where you plug in your speaker cabinets.

Impedance: Select the proper impedance to match your speaker load. Our combos and cabinets are normally wired for 8 ohms unless otherwise stated.

AC POWER INLET:

This is the receptacle for an IEC line cord, which provides AC power to the unit. Connect the line cord to this connector to provide power to the unit. Damage to the equipment may result if improper line voltage is used. (See line voltage marking on unit).

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

To prevent the risk of shock or fire hazard, always make sure that the amplifier and all associated equipment is properly grounded.

As the colors of the wires in the mains lead of this apparatus may not correspond with the colored markings identifying the terminals in your plug, proceed as follows:

(1) The wire which is colored green and yellow must be connected to the terminal which is marked by the letter E, or by the Earth symbol, or colored green or green and yellow. (2) The wire which is colored blue must be connected to the terminal

which is marked with the letter N, or the color black. (3) The wire which is colored brown must be connected to the terminal which is marked with the letter L, or the color red.

Getting Started:

Initial Setup:

Start with the Drive channel, then set up the Rhythm channel.

Drive Channel

Select the Drive channel by pulling the Master control out. Set the Master Volume at approximately 9 o'clock.

Next, use the Drive control. We recommend starting at around 10 o'clock.

As you rotate the knob clockwise, listen to your signal until it begins to distort. The higher the setting, the more distortion you will add to your signal.

Dial the right amount of distortion until you are satisfied with your overdrive.

Go back and turn up the Master Volume to add girth to the overall tone. Notice how the amp sustains a note longer when the master is turned up.

Find your sweet spot using the Drive and Master controls. This will be a good reference for your Drive channel.

Rhythm Channel

Select the Rhythm channel by pushing the Master control in.

Next, use the Rhythm control

Rotate clockwise until the volume of the Rhythm channel is at a good level relative to the volume of the Drive channel.

Try pulling the Rhythm/Brite control to add treble, shimmer and brightness (see Pull "Brite").

Trouble Shooting Tips:

Preamp and power tubes may become microphonic and lose power over time. A few of the common symptoms are:

A high-pitched squealing sound when you turn on your amp.

A static sound when your guitar volume is turned down.

A loss of output or a muddy signal.

One simple test to determine whether your amp is experiencing preamp or power tube problems can be performed by plugging your guitar into the effects return of your amp:

If the static or squealing noise continues, then the problem is related to the power tubes or driver tube (third from left) and they should be replaced.

If the static noise goes away, then the first or second preamp tube is the culprit and should be changed. Start by replacing the first position tube, farthest to the left looking at the rear of your amp.

We suggest changing power tubes every 6 months for those who play their amp more than an hour per day 3 to 5 times a week. You can get a copy of our tube layout chart online at www.budda.com (click on Resources).

If you experience any problems other than those already mentioned above, please contact us for a consultation to determine the problem. We offer customer support between the hours of 10 a.m. and 5 p.m. Pacific Standard Time. You can reach us toll free at (877) 612-8332, or e-mail us at support@budda.com.

We are excited to be an important part of your sound. Enjoy the tones, and from all of us at Budda, "play it like it's on 11!"

V Series™ II Superdrive™ Rear Panels and Tube Complement

V-20 Rear Panel

EFFECTS LOOP
SEND RETURN

BUDDA
V²⁰
SERIES II
SUPERDRIVE

DESIGNED AND MADE IN U.S.A.

SLAVE

SLAVE LEVEL

1 **2**

SPEAKERS
20W/18V RMS
4Ω MIN. IMPEDANCE
SPEAKER JACKS PARALLELED

IMPEDANCE
16Ω
8Ω
4Ω

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, 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. TO PREVENT THE RISK OF FIRE HAZARD, REPLACE WITH SAME TYPE 250 VOLT FUSE.

AVIS: DANS LE BUT DE REDUIRE LES RISQUES D'INCENDIE OU DE DECHARGE ELECTRIQUE, CET APPAREIL NE DOIT PAS ETRE EXPOSE A LA PLUIE OU A L'HUMIDITE ET AUCUN OBJET REMPLI DE LIQUIDE, TEL QU'UN VASE, NE DOIT ETRE POSE SUR CELUI-CI. REMPLACER PAR UN FUSIBLE DE MEME TYPE ET DE 250 VOLTS.

MAINS INPUT

110-120 VAC ~
50/60 HZ.
1.5 AMPS

12ax7 12ax7 12ax7

6v6 6v6

5u4

V-40 Rear Panel

EFFECTS LOOP
SEND RETURN

BUDDA
V⁴⁰
SERIES II
SUPERDRIVE

DESIGNED AND MADE IN U.S.A.

SLAVE

SLAVE LEVEL

1 **2**

SPEAKERS
40W/25V RMS
4Ω MIN. IMPEDANCE
SPEAKER JACKS PARALLELED
CLASS 2 WIRING

IMPEDANCE
16Ω
8Ω
4Ω

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, 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. TO PREVENT THE RISK OF FIRE HAZARD, REPLACE WITH SAME TYPE 250 VOLT FUSE.

AVIS: DANS LE BUT DE REDUIRE LES RISQUES D'INCENDIE OU DE DECHARGE ELECTRIQUE, CET APPAREIL NE DOIT PAS ETRE EXPOSE A LA PLUIE OU A L'HUMIDITE ET AUCUN OBJET REMPLI DE LIQUIDE, TEL QU'UN VASE, NE DOIT ETRE POSE SUR CELUI-CI. REMPLACER PAR UN FUSIBLE DE MEME TYPE ET DE 250 VOLTS.

MAINS INPUT

110-120 VAC ~
50/60 HZ.
2 AMPS
FUSE = T 3.15AL/250V

12ax7 12ax7 12ax7

6v6 6v6 6v6 6v6



BUDDA.COM

BUDDA AMPLIFICATION

LIMITED WARRANTY

EFFECTIVE DATE: AUGUST 1, 2009

What This Warranty Covers

Your Budda Warranty covers defects in material and workmanship in Budda 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 Budda; (4) products on which the serial number has been altered, defaced or removed; (5) products not purchased from an Authorized Budda Dealer.

Who This Warranty Protects

This Warranty protects only the original retail 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
AMPLIFIERS, OTHER THAN TUBES AND SPEAKER COMPONENTS	1 YEAR
TUBES	90 DAYS
SPEAKER COMPONENTS (INCL. SPEAKERS, BASKETS, DRIVERS, DIAPHRAGM REPLACEMENT KITS AND PASSIVE CROSSEVERS)	90 DAYS

What Budda Will Do

We will repair or replace (at Budda's discretion) products covered by warranty at no charge for labor or materials. If the product or component must be shipped to Budda for warranty service, the consumer must pay initial shipping charges. If the repairs are covered by warranty, Budda 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 Budda Dealer or Authorized Budda Service Center.
- (2) Call Budda Service at (877) 612-8332 and obtain clearance to mail your amplifier to Budda.

Limitation of Implied Warranties

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

If you live in a state that does not allow limitations on how long an implied warranty lasts, the above limitation may not apply to you.

Exclusion of Damages

BUDDA'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT, AT BUDDA'S OPTION. IF WE ELECT TO REPLACE THE PRODUCT, THE REPLACEMENT MAY BE A RECONDITIONED UNIT. BUDDA 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 BUDDA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

If you live in a state that does not allow the exclusion or limitation of incidental or consequential damages, the above exclusion or limitation may not apply to you.

If you have any questions about this warranty or service received or if you need assistance in locating an Authorized Service Center, contact the Budda International Service Center at (877) 612-8332.

Warranty conditions subject to change without notice.



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



BUDDA.COM

Features and specifications are subject to change without notice
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Budda Amplification Warranty Card

U.S. customer warranty registration.

Give us some information and put your warranty into effect!

Please take a few minutes to fill out this warranty card to help us get to know and serve you better.

**To save time, submit your warranty registration online at budda.com
click on resources / product registration**

Name: _____ Phone: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Email Address: _____

Product Purchased: _____

Date of Purchase: _____

Serial Number: _____

Purchased From: _____

Quality of service where purchased: _____

How did you become aware of Budda? Store Friend Mailer

Ad Web Site

Improvements or suggestions of Budda products: _____

**For customer service please call: Toll Free (877) 612-8332.
M-F, 8-5 p.m. Central time or email us at:
sales@budda.com**



**Thank you for taking the time to fill out our survey! Don't forget to fold and tape
(with Budda 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:

Budda Amplification
412 Hwy. 11/80 East
Meridian, MS 39301



Place
Postage
Here