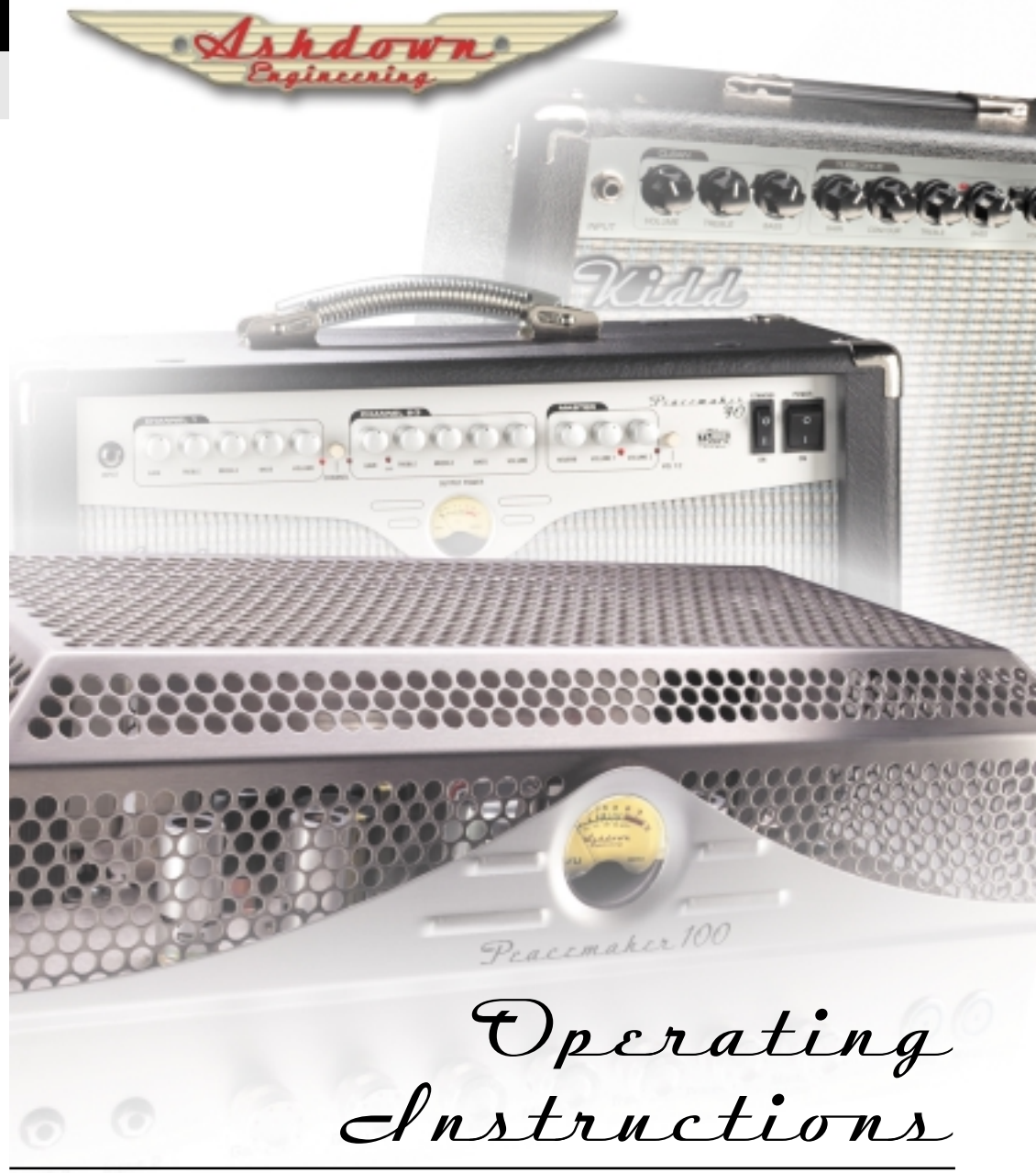
Park Farm • Inworth • Colchester • Essex • CO5 9SH
http://www.ashdownmusic.com



Operating Instructions

Kidd G-1508 and G-2008 Combos
Peacemaker 20, 40 and 60 Combos & 60 Amplifier Head
Peacemaker 50 and 100 Hand-Wired Amplifier Heads

Thank you for purchasing your Ashdown Engineering Amplifier. If you live in the UK, please register your purchase by completing this form and return it to the following address:

Ashdown Engineering Ltd., Park Farm, Inworth, Colchester, Essex CO5 9SH

(Alternatively you can register online at http://www.ashdownmusic.com)

If you live outside the UK, the local Ashdown distributor may have included a specific registration form for your country.

Your Ashdown Engineering product details:

Model . . . . . **Colour** . . . . .
Voltage . . . . . **Tested by** . . . . .
Serial number . . . . . **Date** . . . . .

5 Year Limited Lifetime Warranty

Your Ashdown Engineering amplifier has been manufactured to the highest standards, using the best-selected materials. To ensure its optimum performance, please ensure your amplifier is regularly serviced. This product carries a LIMITED LIFETIME WARRANTY, against defects in materials and workmanship, for the original purchaser. Ashdown Engineering will, at their discretion, replace or repair any product or part thereof, which is found by Ashdown Engineering to be defective. This warranty shall not apply to the damage of covering, fittings or finishes when affected by carelessness, accident or extreme climate changes. Nor does it apply to normal wear and tear of parts such as valves, fuses, light bulbs, speakers, controls etc.

Please complete the lower section of this warranty and return it within 10 days of purchase to Ashdown Engineering Ltd. at the above address. In the unlikely event of any defect, please contact an authorised Ashdown Engineering dealer. All transport charges are to be pre-paid by the Owner. Unless the registration card is returned normal country warranty laws apply.

Important - Registration Card

Please complete and return this warranty within 10 days of purchase. Include any comments if possible.

Name . . . . . **Purchased from** . . . . .
Address . . . . . **Date** . . . . .
. . . . . **Model** . . . . .
. . . . . **Serial Number** . . . . .
. . . . .
. . . . .
Age . . . . .

Comments . . . . .
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Important Safety Instructions

BASIC PRECAUTIONS

WARNING - When using electrical products, basic precautions should be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water – for example, near a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool.
3. This product may cause permanent hearing loss. Do not operate for long periods of time at a high volume level or at any level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
4. Make sure nothing interferes with the ventilation of the product when in use.
5. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
6. The product should be connected to a power supply of the type described in the operating instructions or as marked on the product.
7. The power supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
8. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
9. The product should be serviced by qualified personnel when:
   a. The power supply cord or the plug has been damaged; or
   b. Objects have fallen, or liquid has been spilled into the product: or
   c. The product has been exposed to rain or moisture: or
   d. The product does not appear to operate normally or exhibits a marked change in performance: or
   e. The product has been dropped, or the enclosure damaged.
10. Do not attempt to service the product. All servicing should be referred to qualified service personnel.
11. For continued protection against the risk of fire, replace fuses only with those of the same type and rating as indicated on the back of the product.

WARNINGS USED ON THE EQUIPMENT

WARNING TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

WARNING - ATTENTION

THIS APPARATUS MUST BE EARTHED FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE ONLY WITH SAME TYPE AND RATING OF FUSE. UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE ET CALIBRE.

The lightning flash with the arrow head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within this product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.

GROUNDING INSTRUCTIONS

This product must be grounded (earthed). If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a supply cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with the local codes and ordinances.

DANGER - Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a suitable outlet fitted.

The wires in this mains cord are coloured in accordance with the following code:

Green & Yellow - Earth **Blue - Neutral** **Brown - Live**

CE MARK FOR EUROPEAN HARMONISED STANDARDS

The CE mark which is attached to these products means it conforms to EMC Directive (89/69/EEC), CE mark Directive (93/68/EEC) and Low Voltage Directive (72/23/EEC).

The Peacemaker series encompasses all the elements that make a classic British tube amplifier, coupled with the attention to design and quality that has made Ashdown a world leader in instrument amplification. Here are a few features of the NO COMPROMISE design:

Peacemaker Combo Range:

- Class 'A' output for pure guitar tone.
- Automatic bias ensures that the output tubes are always perfectly biased.
- Foot-switchable dual master controls (Peacemaker 40 and 60 only).
- Choice of 3 channels: Channel 1 - classic warm and rounded clean guitar tone; Channel 2 - high gain; Channel 3 - super-high gain (Peacemaker 40 and 60 only).

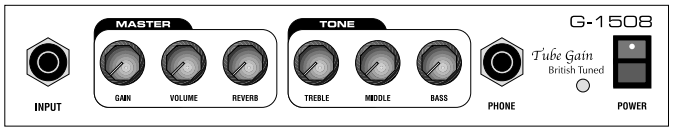
Peacemaker 50 / 100w Head:

- Stainless steel chassis chosen to shield the unit from magnetic fields.
- John Page, a 75 year-old retired expert, was commissioned to design the transformers. Months of work and factory testing have resulted in transformers optimised for the best high frequency, harmonic and bass response.
- Svetlana and Sovtec output tubes with gold grid wires used for sound, consistency, reliability and global availability (50 Watt model uses 6550s and 100 Watt model uses EL34s).
- 4 fully screened 12AX7WXT pre-amp tubes (sourced from Sovtec).
- 6 enormous smoothing capacitors.
- Choke for smoothing to ensure ripple free supply.
- All inside screws, nuts and fixings are Locktite secured.
- Heat shield prolongs capacitor life.
- Turret tag construction with point-to-point wiring by hand.

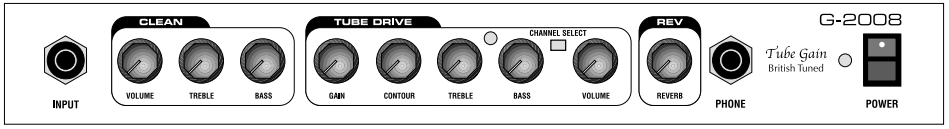
Everything possible has been done to make this a reliable, top of the range, minimum service, high quality, long lasting, powerful guitar amplifier.

We know that you will appreciate the effort that has been put into the design and manufacture of this unit and you will be rewarded in your choice of guitar amplifier by long life and reliability.

KIDD G-1508, G-2008 COMBO



KIDD G-1508 Combo



KIDD G-2008 Combo

G-1508

INPUT
The sensitivity of the single jack instrument input socket has been designed to suit passive guitars such as a standard Strat. This also has sufficient headroom to cope with double humbucker and active guitars.

GAIN
Settings of the GAIN control between zero and 12 o'clock are intended to provide a clean guitar signal through this channel. Settings from 12 o'clock onwards will start to add a slight edge to the sound, progressing through to a definite crunch as the control is advanced to its maximum setting. The actual settings for this control will depend very much on the output level of the guitar being used.

VOLUME
This sets the overall volume level of the amplifier.

REVERB
This sets the overall level of reverb added to the channel.

TREBLE, MIDDLE, BASS
The Treble, Middle and Bass tone controls are a traditional passive guitar tone circuit and as such are an interactive set of tone controls. This type of circuit provides the best overall character for the guitar, giving a classic, vintage, full-bodied guitar tone.

PHONE
This jack socket is provided for headphone input to allow private practise. When this socket is in use, the output from the amplifier to the speaker is cut.

POWER
This is the main power switch for turning ON/OFF the power from the mains inlet socket to the amplifier.

G-2008

INPUT
The sensitivity of the single jack instrument input socket has been designed to suit passive guitars such as a standard Strat. This also has sufficient headroom to cope with double humbucker and active guitars.

CLEAN CHANNEL

VOLUME
This sets the overall volume level of the CLEAN channel.

TREBLE, BASS
The Treble and Bass tone controls are a traditional passive guitar tone circuit and as such are an interactive set of tone controls. This type of circuit provides the best overall character for the guitar, giving a classic, vintage, full-bodied guitar tone.

TUBE DRIVE CHANNEL

GAIN
Settings of the GAIN control between zero and 12 o'clock are intended to provide a clean guitar signal through this channel. Settings from 12 o'clock onwards will start to add a slight edge to the sound, progressing through to a definite crunch as the control is advanced to its maximum setting. The actual settings for this control will depend very much on the output level of the guitar being used.

CONTOUR
This control allows sophisticated control over the shape of the Eq applied to the channel.

TREBLE, BASS
The Treble and Bass tone controls are a traditional passive guitar tone circuit and as such are an interactive set of tone controls. This type of circuit provides the best overall character for the guitar, giving a classic, vintage, full-bodied guitar tone.

CHANNEL SELECT
This switch allows the user to select between CLEAN and TUBE DRIVE channels.

VOLUME
This sets the overall volume level of the TUBE DRIVE channel.

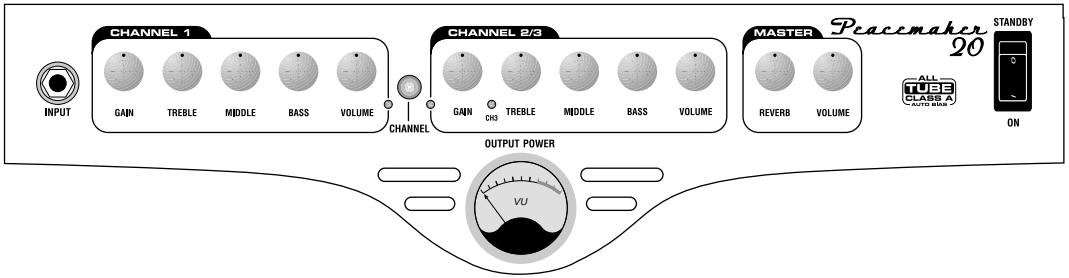
REVERB
This sets the overall level of reverb added to the selected channel.

PHONE
This jack socket is provided for headphone input to allow private practise. When this socket is in use, the output from the amplifier to the speaker is cut.

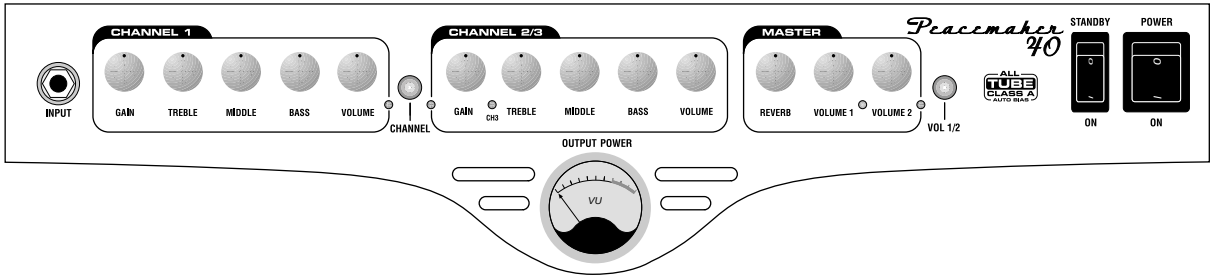
POWER
This is the main power switch for turning ON/OFF the power from the mains inlet socket to the amplifier.

PEACEMAKER 20, 40, 60 COMBO & PEACEMAKER 60 HEAD

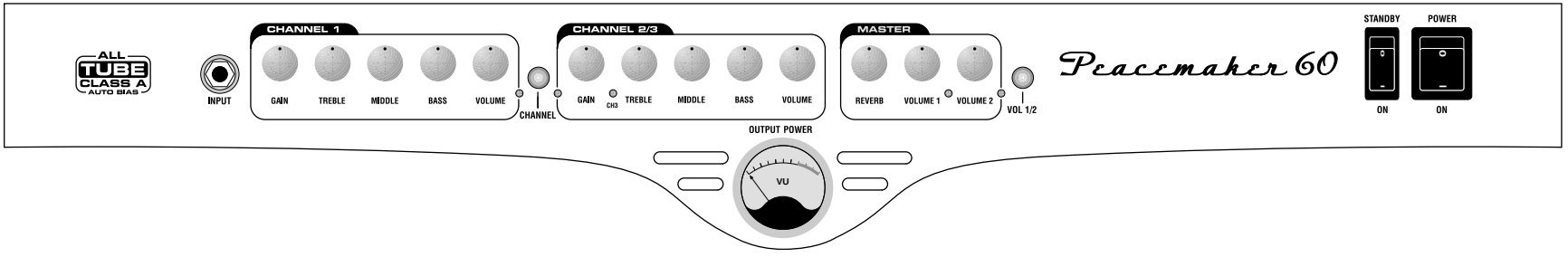
Peacemaker 20 Combo



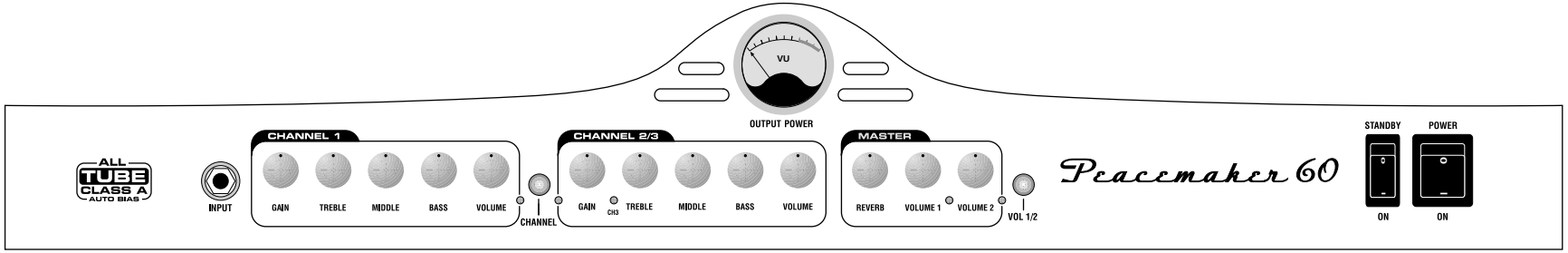
Peacemaker 40 Combo



Peacemaker 60 Combo



Peacemaker 60 Head



PEACEMAKER 20, 40, 60 COMBO & PEACEMAKER 60 HEAD

INPUT
The sensitivity of the single jack instrument input socket has been designed to suit passive guitars such as a standard Strat. This also has sufficient headroom to cope with double humbucker and active guitars.

CHANNEL 1
Channel 1 is the CLEAN channel. This has sufficient GAIN to allow the introduction of a degree of crunch if required.

GAIN
Settings of the GAIN control between zero and 12 o'clock are intended to provide a clean guitar signal through this channel. Settings from 12 o'clock onwards will start to add a slight edge to the sound, progressing through to a definite crunch as the control is advanced to its maximum setting. The actual settings for this control will depend very much on the output level of the guitar being used.

TREBLE, MIDDLE, BASS
The Treble, Middle and Bass tone controls are a traditional passive guitar tone circuit and as such are an interactive set of tone controls. This type of circuit provides the best overall character for the guitar, giving a classic, vintage, full-bodied guitar tone.

VOLUME
This channel has its own VOLUME control for adjusting the volume level of the clean channel independently. This is preferable to the common practice of having no volume control for the clean channel where clean volume level has to be set by the MASTER control. This is always a compromise as to increase the level of the CLEAN channel you have to increase the level of the MASTER and then turn down the LEAD channel to restore a balance between the two. We are sure you will appreciate this small but significant addition.

CHANNEL SELECT
This push button selects between channel 1 and channel 2 as indicated by the LED's either side of it. A foot-switch plugged into the rear panel F/S jack socket can also operate this function. This needs to be a 2 way foot-switch with the second switch operating the Channel 3 facility.

CHANNEL 2/3
Channel 2 is the LEAD or OVERDRIVE channel and has much higher gain settings than channel 1. Channel 3 is operated from the rear panel foot-switch and introduces a gain boost to channel 2. This can be used to jump from power chords to a screaming, high-gain, lead sound.

GAIN
Loads more crunch than the Gain control for channel 1.

TREBLE, MIDDLE, BASS
The Treble, Middle and Bass tone controls are a traditional passive guitar tone circuit and as such are an interactive set of tone controls. This type of circuit provides the best overall character for the guitar, giving a classic, vintage, full-bodied guitar tone.

VOLUME
This is the channel 2 VOLUME control for adjusting the volume level of the LEAD/OVERDRIVE channel independently.

MASTER SECTION

REVERB
This sets the overall level of reverb added to both channels.

VOLUME 1
This sets the overall volume level of the amplifier with the balance between the two channels being adjusted with their own independent volume controls.

VOLUME 2 (Peacemaker 40 & 60 ONLY)
The 40 and 60 Watt models have 2 Master Volume controls that can be switched between with either the front panel push button or a foot-switch connected to the rear panel MASTER 1/2 foot-switch socket. This is a very useful facility as it allows for instant switching between 2 pre-set volume levels on either channel 1 or channel 2. LED's at the bottom right hand side of the controls indicate which is active.

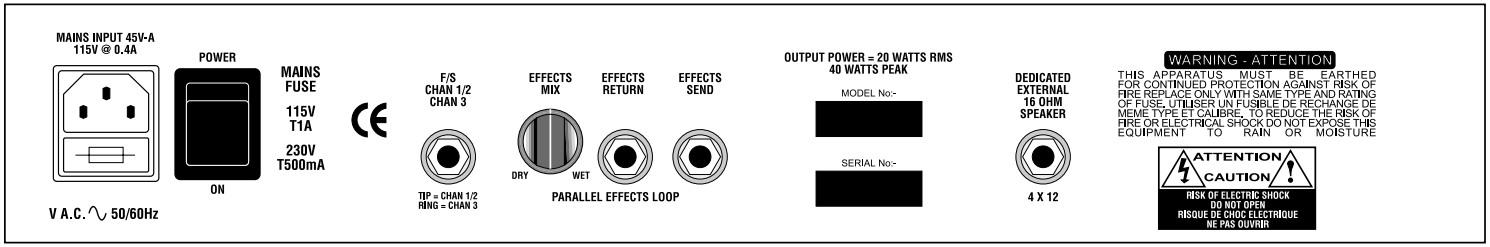
VU METER
This indicates the output level of the power stage of the amplifier.

STANDBY SWITCH
This is to put the amplifier into a STANDBY condition keeping the tubes warmed up and ready for use as soon as it switched on. Keep this switched OFF for at least 1 minute when powering up the amplifier with the mains ON/OFF switch. The life of the tubes will be extended quite considerably if you do this every time you use the amplifier.

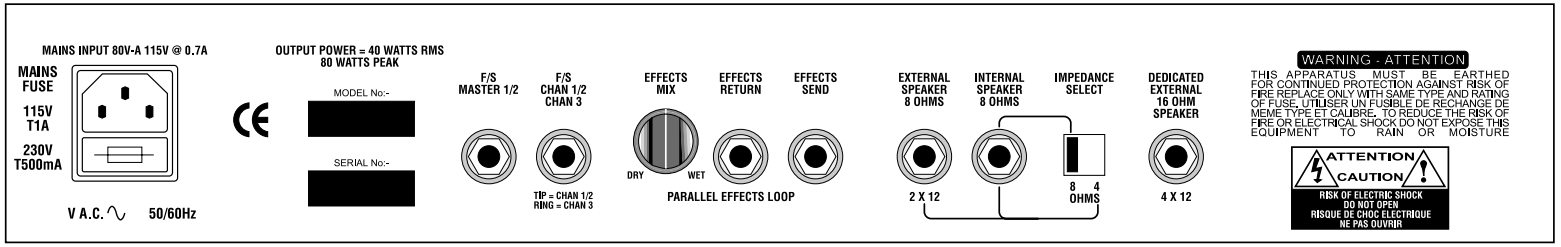
MAINS POWER SWITCH (this is on the rear panel on the 20 Watt model)
This is the main power switch for turning ON/OFF the power from the mains inlet socket to the amplifier. Always keep the STANDBY switch OFF for at least 1 minute after turning this switch on to allow time for the tubes to warm up.

PEACEMAKER 20, 40, 60 COMBO & PEACEMAKER 60 HEAD

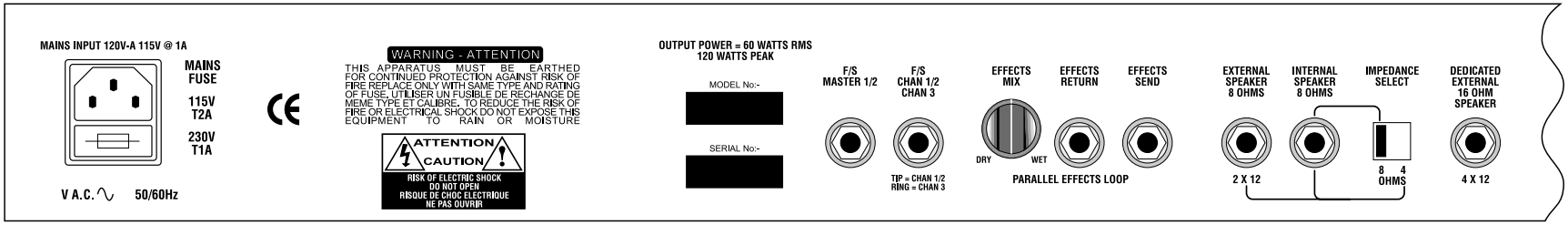
Peacemaker 20 Combo



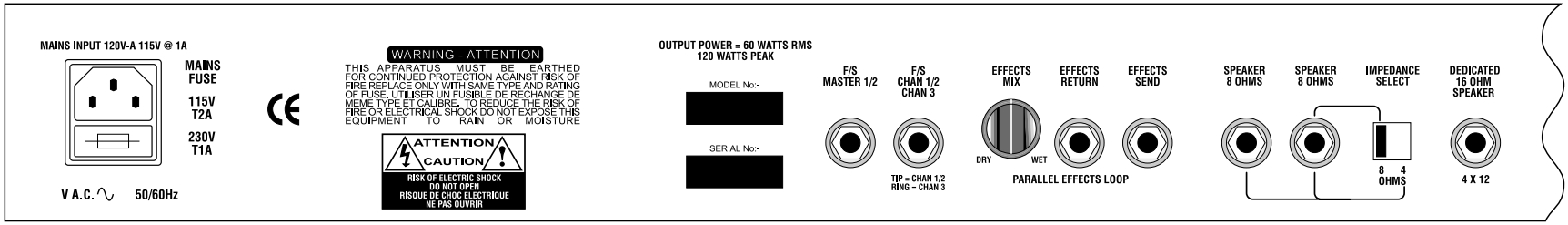
Peacemaker 40 Combo



Peacemaker 60 Combo



Peacemaker 60 Head



PEACEMAKER 20, 40, 60 COMBO & PEACEMAKER 60 HEAD

MAINS INLET SOCKET
This is the mains power inlet to the amplifier. Make sure that this is connected to the correct voltage supply.
This also carries the power inlet FUSE. If this should ever need replacing be sure to use the correct rating and type as marked on the rear panel of the unit.

MASTER FOOT-SWITCH SOCKET (Peacemaker 40 & 60 ONLY)
This is a jack socket for connecting a suitable foot-switch to allow switching between the MASTER 1 & MASTER 2 volume controls.

CHANNEL 1, 2 & 3 FOOT-SWITCH SOCKET
This is a stereo jack socket for connecting a double foot-switch to allow switching between Channel 1 & Channel 2 and also for switching in the gain boost for Channel 3.

EFFECTS MIX CONTROL
The EFFECTS LOOP on these amplifiers is a parallel loop that allows a degree of effects signal to be mixed in with the main guitar signal. This control is used to set the level of effects signal returned to the signal path.

EFFECTS SEND
This is the jack connection to your effects device from the amplifier.

EFFECTS RETURN
This is the jack connection from your effects device back into the amplifier.

EXTERNAL SPEAKER 8 OHMS (Peacemaker 40 & 60 ONLY)
This is an external speaker socket for connecting to an 8 Ohm speaker such as a 2x12 cabinet (normally 8 Ohms). This socket is in parallel with the internal speaker socket.

INTERNAL SPEAKER 8 OHMS (Peacemaker 40 & 60 ONLY)
This is the socket for connection to the internal 8 Ohm speaker.

IMPEDANCE SELECT SWITCH (Peacemaker 40 & 60 ONLY)
This is used to select the desired output impedance of the amplifier.

DEDICATED EXTERNAL 16 OHM SPEAKER SOCKET
This socket can be used for plugging the amplifier into any 16 Ohm speaker, such as a 4x12 cabinet.

IMPEDANCE SELECTION ADVICE

It is important to ensure the correct impedance is selected for the load presented to the amplifier. Failure to do so could cause damage to the amplifier.
Never run the amplifier without a speaker connected as this will damage the output transformer.

PEACEMAKER 20 COMBO
If you wish to run the combo into an external cabinet, you must use a 16 Ohm cabinet. Please note that plugging a speaker into this socket will automatically disengage the internal speaker.

PEACEMAKER 40 / 60 COMBO
The interal speakers on both combos present a load of 8 Ohms. When used without an extension speaker, leave the impedance selector at 8 Ohms.

If you wish to use an 8 Ohm extension speaker cabinet, plug it into the 8 Ohm external speaker socket and switch the impedance selector to 4 Ohms.

If you wish to use a 16 Ohm extension speaker (e.g. a 4x12 cabinet) you should plug this into the dedicated 16 Ohm external speaker socket. Using this socket does not affect the matching of the internal speaker, so you should leave the impedance selector at 8 Ohms.

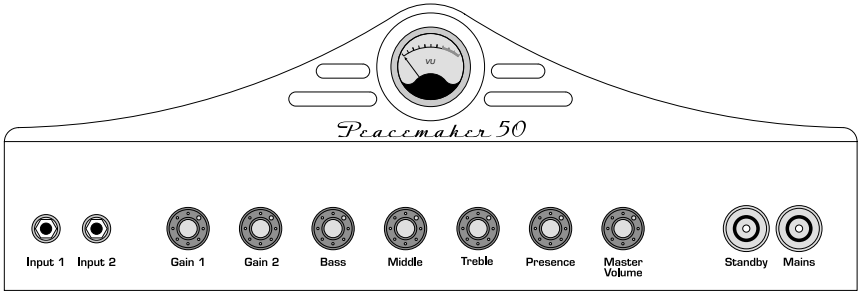
If you wish to use both an 8 Ohm and a 16 Ohm external speaker cabinet, connect each cabinet to its appropriate socket and set the impedance selector at 4 Ohms.

PEACEMAKER 60 HEAD
For use with one 8 Ohm cabinet, plug it into either of the 8 Ohm sockets and set the selector to 8 Ohms.

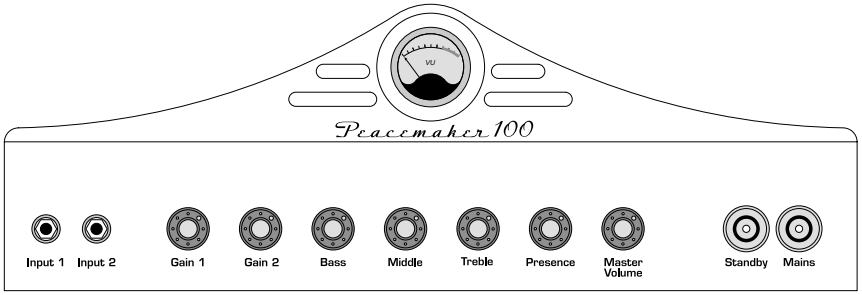
For use with two 8 Ohm cabinets, plug them into the 8 Ohm sockets and set the selector to 4 Ohms.

For use with a 16 Ohm cabinet, plug it into the 16 Ohm dedicated external speaker socket. It does not matter how you set the impedance selector, unless you are also using one or two 8 Ohm cabinets, in which case you should set the selector as described above.

PEACEMAKER 50, 100 HEAD



Peacemaker 50 Head



Peacemaker 100 Head

INPUTS
There are two choices of instrument input. These are marked Input 1 and Input 2. Input 1 is the 'normal' input. Input 2 is a 'bright' input which is better suited to clean/acoustic applications.

GAIN 1 & GAIN 2
Each input feeds both gain stages. Gain 1 is bright while Gain 2 is thicker and richer in sound, giving classic vintage rock tones. These are cascaded together, allowing a wide variety of sounds.

BASS, MIDDLE, TREBLE
The Bass, Treble and Middle tone controls are a traditional passive guitar tone circuit and as such are an interactive set of tone controls. This type of circuit provides the best overall character for the guitar, giving a classic, vintage, full-bodied guitar tone. Note that these controls have a greater effect with higher gain settings.

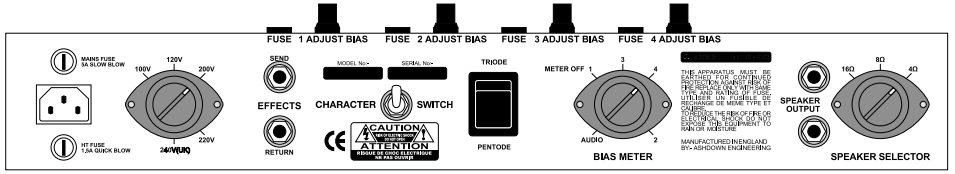
PRESENCE
Set fully clockwise, this control has no effect on the sound. Turned anti-clockwise, it takes the extreme top-end out.

MASTER VOLUME
This sets the overall volume level of the amplifier.

STANDBY BUTTON
This puts the amplifier into a STANDBY condition keeping the tubes warmed up and ready for use as soon as it is disengaged. This button lights blue when STANDBY is disengaged, i.e. when the output stage of the amplifier is active. Keep STANDBY engaged for at least 1 minute when powering up the amplifier with the MAINS BUTTON. The life of the tubes will be extended quite considerably if you do this every time you use the amplifier.

MAINS BUTTON
This is the main power switch for turning ON/OFF the power from the mains inlet socket to the amplifier. Always keep the STANDBY button engaged for at least 1 minute after turning the unit on to allow time for the tubes to warm up.

REAR PANEL FACILITIES



Peacemaker 100 Head (50w model only has two AJUST BIAS controls)

MAINS INLET SOCKET & VOLTAGE SELECTOR
This is the mains power inlet to the amplifier. Make sure that the voltage selector dial is set to match the local voltage supply.
Located above and below the socket are a slow blow and quick blow fuse. If either fuse needs replacing make sure to use the correct rating and type as marked on the rear panel of the unit.

EFFECTS SEND
This is the jack connection to your effects device from the amplifier.

EFFECTS RETURN
This is the jack connection from your effects device back into the amplifier.

CHARACTER SWITCH
This switch inserts two tubes into the signal path, giving a very different character to the sound. Switched out (up) yields a classic amplifier with a character of old. Switched in (down) results in a modern, high-gain sound, but with soul and a unique flavour of its own!

ADJUST BIAS 1, 2, 3, 4 CONTROLS
Allow the bias settings of the tubes to be altered. For more details read the following section entitled 'Tube Guidelines'.

TRIODE / PENTODE SELECTOR SWITCH
Set to pentode will give more grit due to additional third harmonic distortion.
The triode setting yields less power and a smoother distortion - far more musical but much quieter.

BIAS METER SELECTOR
When set to 'audio' the front panel VU meter will indicate the output level of the power stage of the amplifier. Set the dial to 1, 2, 3, 4 to set the biasing of the corresponding numbered valve.

SPEAKER OUTPUTS
These are for connecting the amplifier to one or two speaker cabs. They are wired in parallel.

SPEAKER SELECTOR
This is for selecting the output impedance of the amplifier. It can be set to either 16, 8 or 4 Ohms.

IMPEDANCE SELECTION ADVICE

It is important to ensure the correct impedance is selected for the load presented to the amplifier. Failure to do so could cause damage to the amplifier.
Never run the amplifier without a speaker connected as this will damage the output transformer.

The speaker sockets are wired in parallel. When using two cabinets, make sure they are of the same impedance. Set the impedance as shown below:

Number and impedance of loudspeaker cabinets	Setting of impedance selector
One 16 Ohm cabinet	16 Ohms
Two 16 Ohm cabinets	8 Ohms
One 8 Ohm cabinet	8 Ohms
Two 8 Ohm cabinets	4 Ohms
One 4 Ohm cabinets	4 Ohms

TUBE GUIDELINES

SETTING THE BIAS
1. Connect speaker cab and select correct impedance. Turn gain and master controls to zero (fully anti-clockwise).
2. With STANDBY engaged, switch on amp and allow to warm up for 2 mins.
3. Disengage STANDBY mode and leave for another 3 mins.
4. Select tube to be adjusted on the BIAS METER SELECTOR using a screwdriver or small coin.
5. Turn the corresponding ADJUST BIAS CONTROL very slowly until the meter on the front panel reads 0 VU (beginning of red section).
6. Repeat steps 4 and 5 until all tubes have been adjusted in this way. It is intended that the tubes are adjusted in the order on the BIAS METER selector. This ensures that the current through the transformer is equalised.
7. Altering the bias of a tube may have a slight effect on the bias of other tubes. When all four tubes have been set once, return to the first tube and repeat steps 4 and 5 as many times as required to obtain 0 VU on all tubes.
8. When finished, turn BIAS METER SELECTOR to audio before playing. Please be aware that using the ADJUST BIAS controls will alter the bias of the tubes regardless of the position of the BIAS METER selector.

It is ok to run the tubes below 0 VU (under-biased), BUT NEVER IN THE RED! Over-biasing by running the tubes in the red will damage the amp and invalidate the warranty.

USING THE METER TO CHECK THE OUTPUT TUBES
1. If no reading on the meter is obtained when a selection is made, it is possible that the tube's fuse has blown (next to the ADJUST BIAS CONTROL). If this is the case replace with a 20mm quick blow fuse rated at 300 or 315 ma. (Note: If the fuse keeps blowing, replace the tube. Never fit a fuse of a higher rating.)
2. If, when adjusting the bias of a tube, the correct reading cannot be achieved then the output tube must be replaced.

REPLACING A TUBE
1. Disconnect from the mains and allow 5 mins for residual voltages to discharge. If the unit has been in use for some time, allow to cool down for at least 15 mins - the tubes get very hot!
2. Remove the back panel of the amplifier (this is held on with velcro).
3. Remove the defective tube and fit a new one.
4. Replace back panel.
5. Perform the bias setting procedure.

Replace output tubes with same type and make. Do not use cheap tubes. The Peacemaker 50 Head is fitted with 2 x Sovtec 6550s. The Peacemaker 100 Head is fitted with 4 x Svetlana EL34s.

If you have any doubt about replacing tubes, please email us at the address shown on the back cover of this manual.

A NOTE ON HANDLING YOUR AMP
The tube is a precision component and careless handling of the amplifier may result in irreversible damage to it. Tubes are particularly sensitive when they have been active for some time and are warmed up. For this reason, after disconnecting the power allow 15 mins for the amplifier to cool down before you move the unit.

A NOTE ON EARTHING
The earth connection (green & yellow wire in the plug) must never be disconnected. If you are experiencing earth-loop problems (hum), ask at your local music shop for a telescoped jack-lead (i.e. a cable in which the earth is disconnected at one end).

Specifications

PEACEMAKER 20, 40, 60 COMBO & PEACEMAKER 60 HEAD

INPUTS

Input	Impedance 1M Ohm	Input range 100mV to 1V p-p
Effects return	Impedance 50k Ohms	Input level 0dBu nominal

OUTPUTS

Effects send	Impedance 10k Ohms	Level 0dBu nominal

EQUALISATION

Treble Middle Bass	Traditional passive interactive tone control network provides classic guitar tonal adjustment

OUTPUT TUBES

20 combo	2 x EL84 (6BQ5)
40 combo	4 x EL84 (6BQ5)
60 combo / head	2 x EL34 (6CA7)
(Bias	Class 'A' auto-bias)

OUTPUT POWER

20 combo	20 Watts RMS into 16 Ohms
40 combo	40 Watts RMS into 16 Ohms
60 combo / head	60 Watts RMS into 16 Ohms

POWER REQUIREMENT

20 combo	45 Watts @ rated supply voltage
40 combo	80 Watts @ rated supply voltage
60 combo / head	120 Watts @ rated supply voltage

PEACEMAKER 50, 100 HEAD

INPUTS

Input 1	Impedance 330k Ohms	Input range up to 1V p-p
Input 2	Impedance 500k Ohms	Input range up to 1V p-p
Effects return	Impedance 330k Ohms	Input level 0dBu nominal

OUTPUTS

Effects send	Impedance 500k Ohms	Level 0dBu nominal
Speaker outputs	Minimum impedance 4 Ohms	

EQUALISATION

Bass Middle Treble	Traditional passive interactive tone control network provides classic guitar tonal adjustment

TUBES (50w model)

Pre-amp	4 x Sovtec12AX7WXT (automatic bias)
Output stage	2 x Sovtec 6550 (manual bias)

TUBES (100w model)

Pre-amp	4 x 12AX7WXT (automatic bias)
Output stage	4 x Svetlana EL34 (manual bias)

GENERAL SPECIFICATION

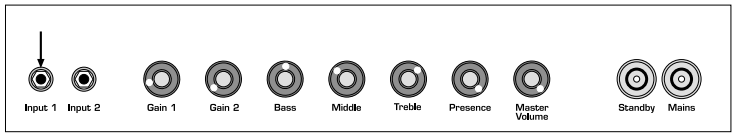
Frequency response	-3dB at 40 Hz and 20(+) kHz
Power requirements	100 / 120 / 200 / 220 / 240V

KIDD G-1508, G-2008 COMBO

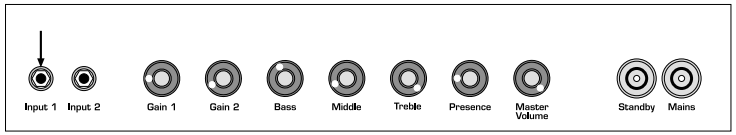
COMBO	G-1508	G-2008
Output power	15W RMS 30W peak	20W RMS
Output impedance	N/A	N/A
Speakers	1 x 8" driver	2 x 8" driver
Dimensions H x W x D mm / in.	280 x 300 x 125 / 11 x 11.8 x 4.9	280 x 580 x 125 / 11 x 22.8 x 4.9
Weight Kgs / Lbs	4.5 / 10	7.5 / 16.5

Example Settings

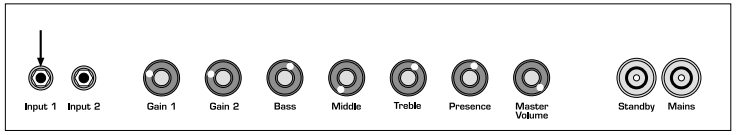
Below are some examples of typical amplifier settings for the Peacemaker 50 / 100w Head. Each diagram carries a brief decription of the sound that the particular settings will create. Of course, these are only a few suggestions. Let your creative spirit run wild and fill in the blank templates so you don't forget how to get that unique sound.



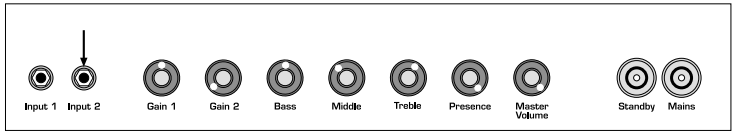
Character Switch: OFF
PENTODE / TRIODE
'Clean 1' - All purpose clean sound.



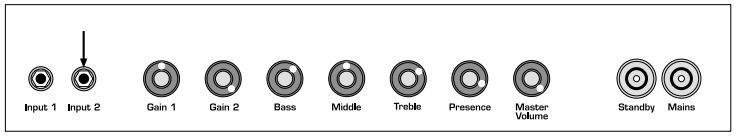
Character Switch: OFF
PENTODE / TRIODE
'Classic funk' - Time for some soul brother! Get on down like a sex machine.



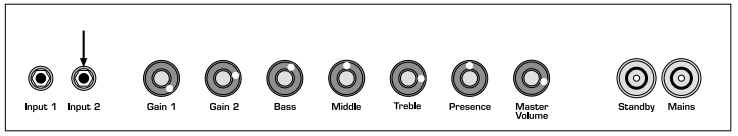
Character Switch: OFF
PENTODE / TRIODE
'Creamy' - Slip into some cool Steely Dan.



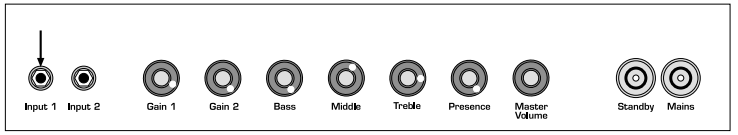
Character Switch: OFF
PENTODE / TRIODE
'Country clean' - Twangy Strat tone, add reverb for Duane Eddy.



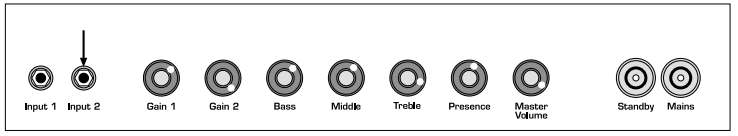
Character Switch: OFF
PENTODE / TRIODE
'Old Brit' - Crunchy '70's rock.



Character Switch: ON/OFF
PENTODE / TRIODE
'Texas Strat' - Try 'out of phase' position between pickup 2 and 3 on your Strat for crunchy Stevie Ray tone. Add 'meat' using the character switch.

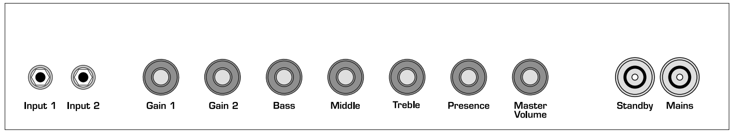


Character Switch: ON
PENTODE / TRIODE
Master volume: Down for creamy, sustained, legato style; up for summer song sounds.
'Guitar Hero 2001' - It's time for the extremist to come out and play!

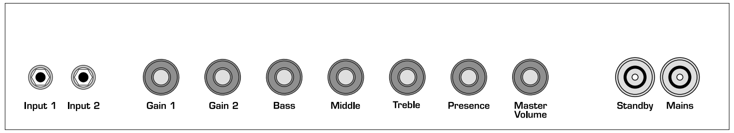


Character Switch: ON
PENTODE / TRIODE
Master volume: Turn up and run!
'Jimi' - Loads of harmonics sing through. Try the Purple Haze solo.

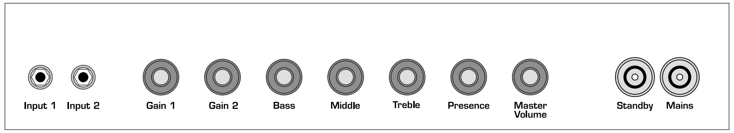
Templates



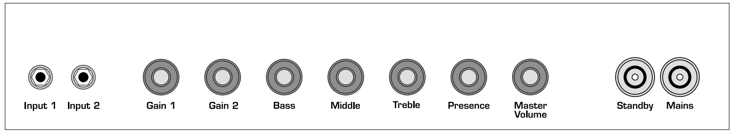
Character Switch:
PENTODE / TRIODE
Notes:



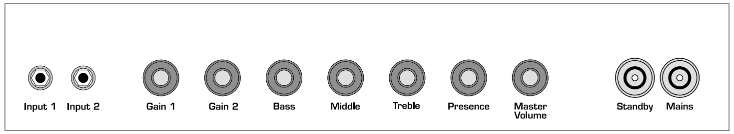
Character Switch:
PENTODE / TRIODE
Notes:



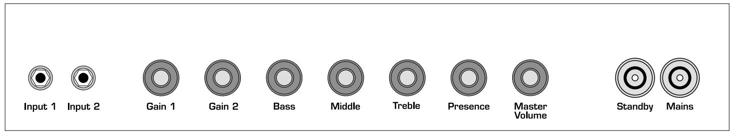
Character Switch:
PENTODE / TRIODE
Notes:



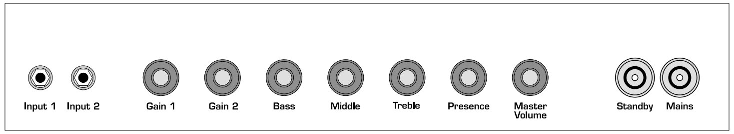
Character Switch:
PENTODE / TRIODE
Notes:



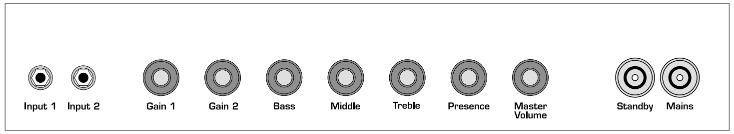
Character Switch:
PENTODE / TRIODE
Notes:



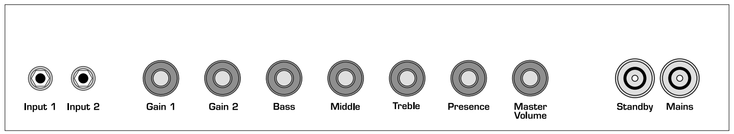
Character Switch:
PENTODE / TRIODE
Notes:



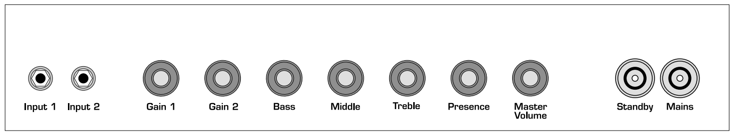
Character Switch:
PENTODE / TRIODE
Notes:



Character Switch:
PENTODE / TRIODE
Notes:



Character Switch:
PENTODE / TRIODE
Notes:



Character Switch:
PENTODE / TRIODE
Notes: