

Congratulations

Welcome to the Oldfield family and thank you for putting your trust in Oldfield Amplifiers. We value that trust as much as you will enjoy your new Oldfield amp. Your new Oldfield amplifier is built to provide you with the best tonal experience and durability available in a guitar amplifier and it has been hand built with you, the player, as the central focus of our efforts. By using the highest grade components, point-to-point vacuum tube circuitry and fine craftsmanship, we are sure your amplifier will inspire many hours of musical satisfaction and lasting enjoyment.

Thanks,

The Oldfield Team

Important Safety Instructions

- For your safety read, retain, and follow all instructions. Heed all warnings.
- Only connect the power supply cord to an earth-grounded AC receptacle. This amplifier is designed to operate on standard North American 115V AC and should only be plugged in to a receptacle meeting those specifications.
- **WARNING:** To prevent damage, fire or shock hazard, do not expose this unit to rain or moisture.
- Unplug the power supply cord before cleaning the unit exterior (use a damp cloth only). Wait until the unit is completely dry before reconnecting it to power.
- Maintain at least 6 inches (15.25 cm) of unobstructed air space behind the unit to allow for proper ventilation and cooling of the unit.
- This product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
- This product may be equipped with a polarized plug (one blade wider than the other) or a three-prong grounded plug. This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of this plug.
- Protect the power supply cord from being pinched or abraded.
- This product should only be used with a cart or stand that is recommended by the manufacturer.
- The power supply cord of this product should be unplugged from the outlet when left unused for a long period of time, or during electrical storms.
- This product should be serviced by qualified service personnel when: the power supply cord or the plug has been damaged; or objects have fallen, or liquid has been spilled onto the product; or the product has been exposed to rain; or the product does not appear to operate normally or exhibits a marked change in performance; or the product has been dropped, or the enclosure damaged.
- Do not drip or splash liquids, nor place liquid filled containers on the unit.

- **CAUTION:** No user serviceable parts inside, refer servicing to qualified personnel only.
- Do not expose the circuit of the amplifier under any circumstances.
- **CAUTION:** By nature vacuum tubes get very hot during operation. Do not touch vacuum tubes until they have sufficiently cooled.
- Oldfield amplifiers are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.
- Failure to comply with any of these safety precautions could result in damage to the amplifier and in worst cases bodily harm. Noncompliance with any safety precaution may void any stated warranties.

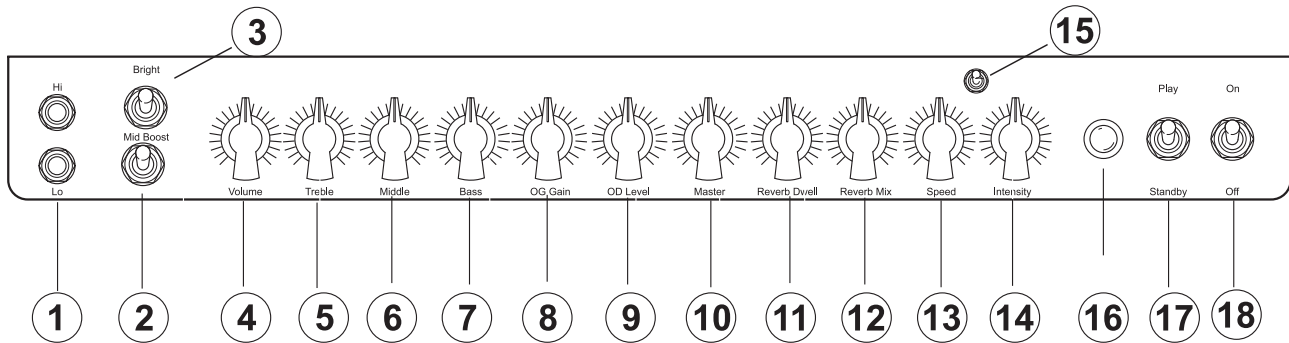
Overview

The Club King (Model Series 64-OD) gives the player everything from sweet cleans to buttery overdrive with some edgy blues tones in between. The amp is footswitchable from clean to overdrive and includes lush reverb and tremolo. The overdrive channel can be tailored to fit the player with controls for overdrive trim, overdrive gain and overall overdrive level. The tone of the Club king is complex and dynamic, immediately responsive to the player.

Feature summary:

- Front Control Panel: Hi / Lo Inputs, Bright Switch, Mid Boost Switch, Volume, Treble, Bass, Overdrive Gain, Overdrive Level, Master, Reverb Dwell, Reverb Mix, Tremolo Speed, Tremolo Intensity, Pilot Light, Standby, On / Off
- Preamp: 12AX7 (Or 5751), 12AY7
- Power: Club King 20 - 2 X 6V6, Club King 35 - 4 x 6V6, Club King 40 - 2 X 6L6, Club King 80 - 4 x 6L6
- Bias: Fixed
- Rectifier: 5AR4 or Solid State (Switchable)
- Phase Inverter: 12AX7 (Long Tailed Pair)
- Full / Half Power Switch, 4, 8 16 ohm Switch, Line Out
- Tube / solid state rectifier selection switch
- Cascaded overdrive
- Mid range boost
- Brite boost
- Reverb with dwell and mix controls
- Bias modulated tremolo
- Footswitch to control overdrive, mid range boost, reverb and tremolo

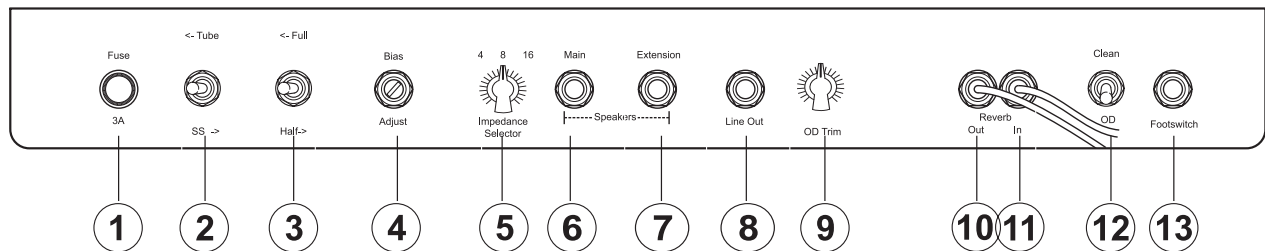
Front Controls



1. Inputs - Hi and Lo: This is the input for musical instruments. Use the Hi Input for the highest gain. Use the Lo Input for less volume or higher gain instruments.
2. Mid Boost Switch: Switch to the "on" position to give the amplifier more mid range bite. When this switch is in the "on" position the amplifier will obtain distortion slightly faster than when the switch is in the "off" position. The mid range boost function will also slightly increase volume when switched to the "on" position.
3. Bright Switch: Switch to the "on" position to give the amplifier more top end bite.
4. Volume: This control determines the overall loudness of the amplifier. As the volume control is rotated towards max the amp will become not only louder but rich harmonic overtones will mix with the tone as well.
5. Treble: This control determines the amount of treble frequencies present in the amplifier tone. At the max setting the amplifier is at it's brightest. This control also adds a bit of bite to the amplifier as it is turned towards max.
6. Middle: This control determines the amount of mid frequencies present in the amplifier tone. The mid control tends to soften the overall amp tone as the control is turned towards the maximum setting and adds some rich overdrive harmonics. It should also be noted that as the middle control is turned towards the maximum setting the player will notice that the treble and bass controls have less effect on the overall tone.
7. Bass: The bass control determines the amount of bass frequencies present in the tone. Turning this control too far towards maximum could result in causing the overall tone to seem too muddy and flat.

8. OD Gain: The OD Gain control determines the amount of Overdrive signal that is fed from the first overdrive gain stage to the second overdrive gain stage. As this control is turned towards max the tone will become more compressed and distorted.
9. OD Level: The OD Level control determines the amount of Overdrive signal that is fed from the Second overdrive gain stage to the Master Volume. As this control is turned towards max the overdrive channel volume will become louder. This control is very useful in matching the volume of the overdrive channel to the clean channel.
10. Master: The Master control determines the overall loudness of the amplifier.
11. Reverb Dwell: This control determines the gain (strength) of the amplifier reverb.
12. Reverb Mix: This control mixes the reverb and the dry signal.
Note - Use the Dwell and the Mix control together to find the reverb sound that works best for you.
13. Speed: This controls the speed of the amplifier tremolo. As the speed control is rotated towards maximum the amplifiers tremolo will speed up.
14. Intensity: This control determines the amount tremolo in the amplifier signal.
15. Brilliance: Adds just a touch of shimmer to the overall amplifier tone. Center position is off. Right position is some and left is a little bit more. This is a very subtle effect.
16. Pilot Light: Illuminated when the amplifier is on.
17. Standby: Switch to On to play through the amplifier. Do not take the amplifier out of Standby for at least 30 seconds after turning the Mains On to give the tubes time to warm up to operating temperature.
18. Mains: Switch to On to power on the amplifier.

Rear Controls



1. Fuse: Slo Blo fuse. Replace only with recommended value stamped on the back of your amplifier. Failure to comply with the recommended value could seriously damage the unit.

2. Rectifier Selector: The switch will allow you to go between a tube rectifier and a solid state rectifier. The solid state rectifier will give the tone a slightly tighter feel than the tube rectifier. Do not change rectifier settings unless the amplifier is in Standby Mode.

3. Full / Half : Allows user to select between full and half power output. Do not change power settings unless the amplifier is in Standby Mode.

4. Bias Adjust: Allows a technician to adjust power output tube bias.

5. Impedance Selector: Set the impedance selector to match the impedance of the attached speakers.

6. Main Speaker Jack: Connect the main amplifier speaker to this jack.

7. External Speaker Jack: An external speaker can be connected to this jack. Note - A speaker must be connected to one of the speaker jacks at all times. Failure to do so will result in serious damage to the unit.

8. Line Out: The line out jack provides a speaker emulated signal that can be send to an external amplifier or PA.

9. OD Trim: The OD Trim control determines the amount of Clean signal that is fed from the output of the clean channel to the first overdrive gain stage. As this control is turned towards max the tone will become more compressed and distorted.

10. Reverb Out: Connect the output lead from the reverb tank to this jack.

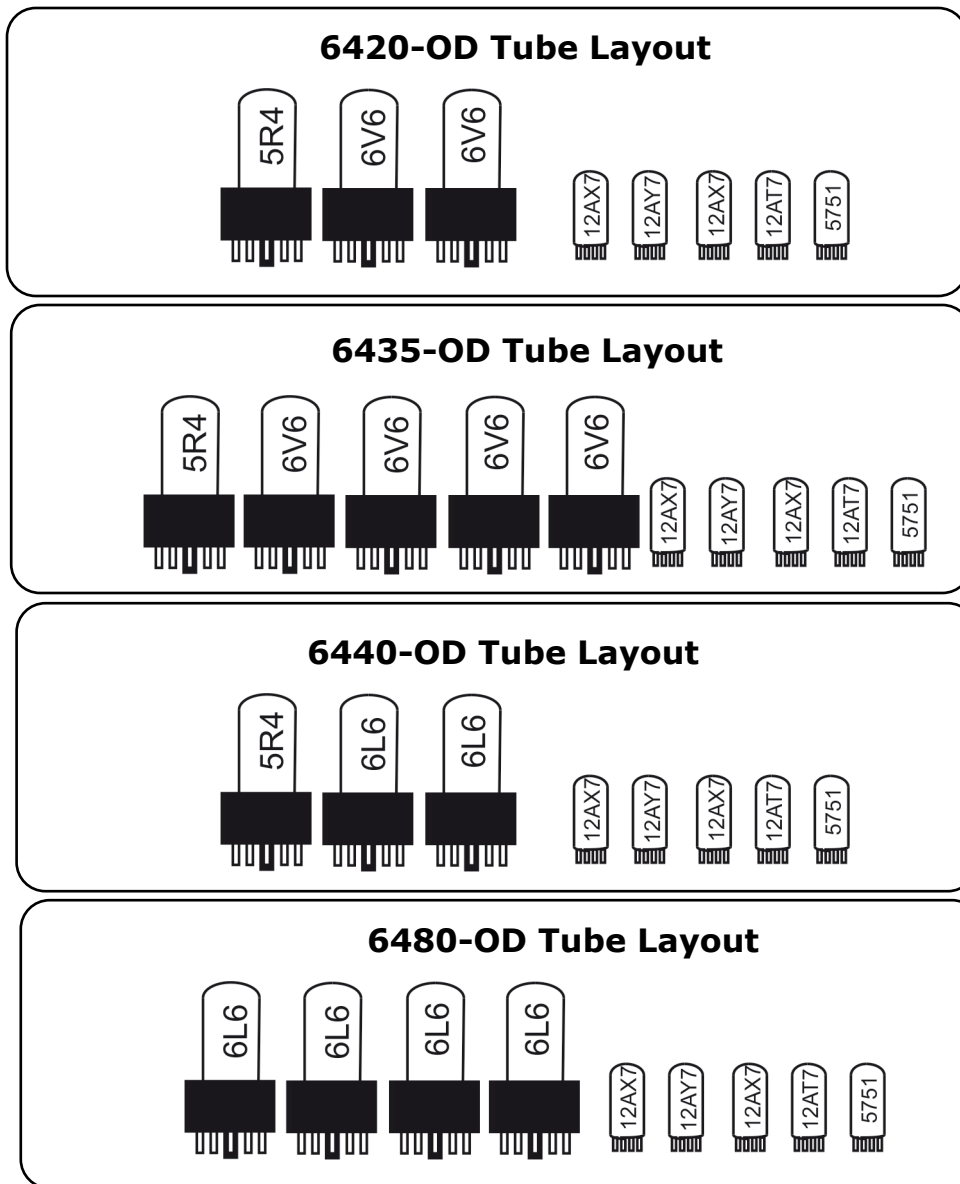
11. Reverb In: Connect the input lead from the reverb tank to this jack.

12. Clean / OD Switch: This switch selects the clean or overdrive channel. When using the foot pedal this switch should be in the clean position.

13. Footswitch: Connect the midi cable for the footswitch pedal to this jack to control switching for the overdrive, mid range boost, reverb and tremolo.

Tube Layout

This is the view from the rear of amplifier.



**** Please refer to the warnings section before handling tubes. ****

Biasing: These amplifier use a fixed bias method. Anytime a power tube change is made the bias will need to be set to achieve the best tone possible from your amplifier. Biasing should only be done by a qualified technician.

All diagrams show a 5751 is the first preamp tube position. You can substitute a 12AX7 in the position for a little more volume and drive if you prefer.

Notes About Setting Up The Overdrive

When setting up the overdrive channel the player needs to be aware how the audio signal flows through the Club King. Keep the following items in mind when dialing in the overdrive channel.

1. Start with getting the clean tone that you want from the amp using the volume, tone and master volume controls.
2. The output from the clean channel feeds the input of the overdrive channel after all the tone control settings have been applied to the audio signal. The strength of the signal that gets sent to the overdrive channel is determined by the OD Trim control setting on the back of the amp. Turning the OD Trim up will also add some depth to the overdrive tone.
3. The OD Gain control receives the audio signal after the first overdrive gain stage and determines how much of that signal is sent to the second overdrive gain stage. Too much OD Gain and the tone can become fizzy.
4. The OD Level control receives the audio signal from the second gain stage and determines how much of that signal is sent to the master volume. This control is very useful in matching the clean channel volume with the OD channel volume.

Using these four gain controls together will allow the player to dial in the type of overdrive tone they are looking for. Keep in mind that this is a complex gain structure and it may take the player a little time to understand how each control affects the overall tone.

Warranty

The following warranties apply to the original owner of the amplifier. All warranty work must be performed by Oldfield for the warranty to be in effect. Warranties do not cover normal wear and tear or abuse. Failure to comply with the safety precautions outlined earlier in the owner's manual will void all warranties.

Rectifier and Power Tubes - Guaranteed for thirty days after date of purchase. If a failure occurs Oldfield will replace any rectifier or power tube during this period free of charge. Power tubes can only be replaced by a qualified service technician since a re-bias may be necessary.

Preamp Tubes - Guaranteed for ninety days after date of purchase. If a failure occurs Oldfield will replace any preamp tube during this period free of charge.

Power Transformer, Output Transformer, Reverb Transformer, And Choke - These items are guaranteed for five years after date of purchase against manufacturer's defects. If a failure occurs due a defect in manufacturing Oldfield will replace any of these items during this period free of charge. Warranties on these items are void if the owner uses any type of power soak or attenuator in conjunction with the operation of the amplifier.

Defects Due To Workmanship - Oldfield guarantees the amplifier to be free from workmanship defects for 5 years from the purchase date.

Circuit Components - Any failed circuit component will be replaced at Oldfield's discretion. Some circuit components have a limited life such as filter and bypass capacitors and Oldfield must use judgment to determine if the component was at end of life or failed prematurely.

In every case Oldfield guarantees to work with the customer to remedy any situation in a timely manner and to the satisfaction of the amplifier owner.