

Oldfield Amplifiers

User Guide

Model 5918

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; objects have fallen, or liquid has been spilled onto the product; the product has been exposed to rain; the product does not appear to operate normally or exhibits a marked change in performance; the product has been dropped, or the enclosure damaged.
- Do not drip or splash liquids, nor place liquid filled containers on the unit.

Important Safety Instructions - Continued

- 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. Use care when setting and adjusting volume levels during use to protect your hearing from possible damage.
- Failure to comply with any of these safety precautions could result in damage to the amplifier and in worst cases bodily harm. Non-compliance with any safety precaution may void any stated warranties.

Overview

Congratulations on your purchase of a new Oldfield 5918 amplifier. The Oldfield 5918 gets its roots from the legends of the late 1950's and is well suited for Country, Jazz, Blues and Rock players.

This amplifier is all tube and hand-wired using the best quality components available for guitar amplification. It is built to last a lifetime and give the owner countless hours of enjoyment whether on stage, in the studio, or in the home.

Feature summary:

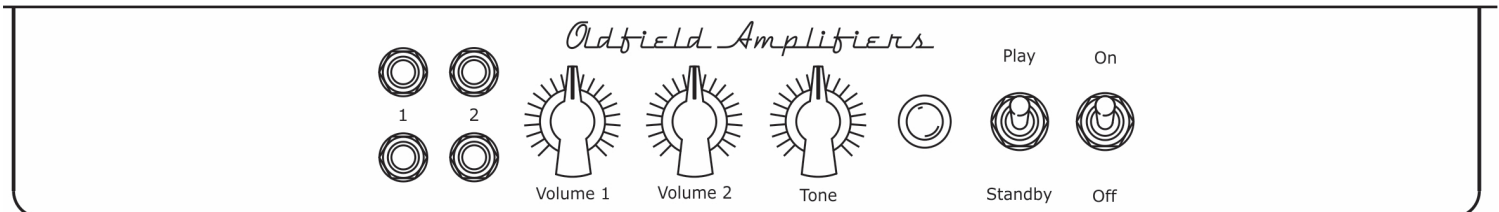
- Two channels, each with input jacks for normal and high gain instruments
- 20 watts output power into 8Ω
- All tube, hand-wired circuitry
- 6V6 Power amp tubes
- 5751 Preamp, 12AX7 phase inverter
- 5V4 Rectifier tube
- Finger-jointed pine cabinet

Oldfield Amplifiers

User Guide

Operation

Front Controls



Reference the front panel viewing left to right

Channel 1 Lo Input / Hi Input - Instrument inputs for channel 1. The Lo input has less gain than the Hi input.

Channel 2 Lo Input / Hi Input - Instrument inputs for channel 2. The Lo input has less gain than the Hi input.

(NOTE - Channel 2 is brighter than channel 1)

Channel 1 Volume - Volume control for instruments plugged into the channel 1 input. Rotating the control clockwise will make the channel 1 volume louder and increase overall gain and harmonics.

Channel 2 Volume - Volume control for instruments plugged into the channel 2 input. Rotating the control clockwise will make the channel 2 volume louder and increase overall gain and harmonics.

Tone - Rotating the control clockwise will increase the high end frequencies output by the amplifier. This control affects channel 1 and channel 2.

Indicator Light - Lit when the mains switch is on.

Standby - Move to the up position for play and down to put the amplifier in standby mode. The standby switch should only be moved to the play position after the Mains switch has been in the on position for at least one minute to give the tubes time to arm up.

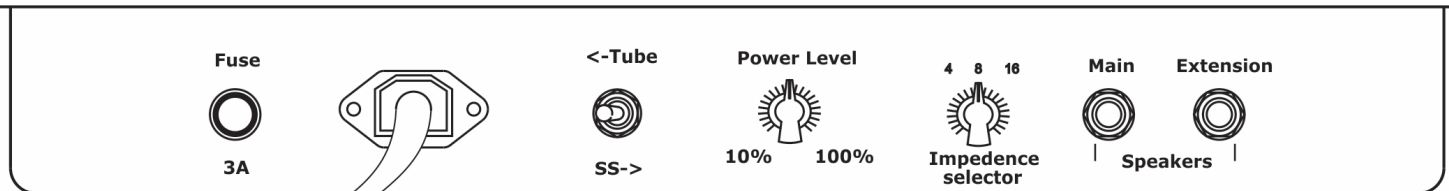
Mains - Move to the up position for play and down to shut the amplifier completely off.

Oldfield Amplifiers

User Guide

Operation - Continued

Rear Controls



FUSE - Replace only with a 2.0 Amp slo-blo fuse. Never install a larger fuse than specified. Have the amplifier tested by a qualified technician if it repeatedly blows fuses.

Rectifier Selection Switch - Your amplifier is capable of using a tube or solid state rectifier. Each type will yield a slightly different tone. Make sure the amplifier is in standby before changing the position of this switch.

Power Level - The power level control is a variable voltage control for the amplifier. At 100% the amplifier will produce the maximum output and be the loudest. Turning this control counterclockwise will reduce the overall volume.

Impedance Selector - Use the Impedance Selector to match the amplifier output impedance to the attached speaker. The amplifier is capable of handling a 4, 8, or 16 ohm load.

MAIN SPEAKER - Connection for the primary speaker (internal or external).

EXTERNAL SPEAKER - Use this connection when using more than one speaker cabinet.

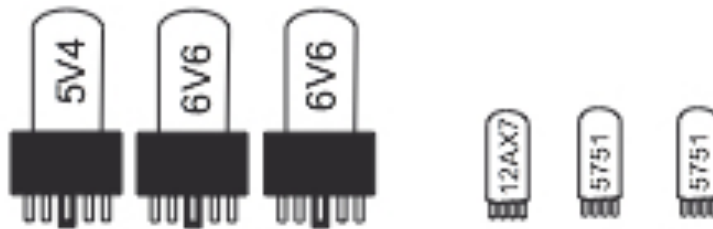
Note - Do not exceed a 4 ohm load.

Oldfield Amplifiers

User Guide

Tubes

Looking at the back of the amplifier and reading left to right the tube compliment is as follows:



Tube Locations Left To Right At Rear Of Amplifier

Rectifier - Your amplifier comes shipped with a 5V4 tube rectifier.

Power - Your amplifier uses (2) 6V6 power tubes. When replacing power tubes use only a matched pair from the same manufacturer. Your amp does not need to be re-biased when changing power tubes.

Phase Inverter - **Your amplifier** uses a 12AX7 dual triode for the phase inverter.

Preamp - Your amplifier uses (2) 5751's as preamp tubes.

Performance Notes:

- For a more “tweed” type tone try replacing the preamp tubes with a high quality 12AY7’s and the rectifier tube with a 5Y3. If you are unfamiliar with replacing tubes this should be done by a qualified service technician.
- For a little higher gain try replacing the preamp tube with a 12AX7’s.
- To blend the two channels run a jumper between the low gain input of channel one and the high gain input of channel 2. Plug your instrument into the high gain input of channel 1. Adjust volumes to taste.

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 will 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 ten 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 after date of purchase.

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.