



Kali' Mk 2



model: K30
User Manual

INDIEX

INTRODUCTION	pg 1
POWER SUPPLY	pg 3
TECHNICAL FEATURES	pg 5
FIRST USAGE	pg 9
TUBE LAYOUT	pg 10
TROUBLESHOTTING	pg 11
WARRANTY	pg 12

INTRODUCTION

Kali Mk II is a vintage inspired single channel tube based guitar amplifier. Though as an ideal platform for you pedals. Noted for its huge dynamic range and sonic purity. Now it comes with a brand new incarnation of our Aural Verb pedal inside, a digital based spring emulation reverb, with mix and time controls.

Additional informations and audio/video demos can be found at www.redseven-amplification.com or you can contact us any time at info@redseven-amplification.com

POWER SUPPLY

Kali Mk II is shipped with hardwired primary voltage. 240V, 230V or 115V must be chosen at order time.

NOTE: IMPORTANT...NOT TO DO!

- Do not try to change output jacks (impedance) while the amplifier is on. You must turn STANDBY and POWER switches to OFF position before changing the output impedance.
- Do not try to change input/output levels of you devices plugged into fx loop while the amplifier is on. You must turn STANDBY and POWER switches to OFF position before changing input/output levels of your gear plugged into fx loop or at least disconnect cables form SEND and RETURN jacks.

THIS OPERATIONS CAN LEAD TO FINAL BREAK OF THIS AMPLIFIER. IN THOSE PARTICULAR CASES RED SEVEN AMPLIFICATION WILL NO BE RESPONSIBLE FOR DAMAGES TO AMPLIFIER ITSELF OR PEOPLE. PLEASE KEEP IN MIND YOU ARE HANDLING A DEVICE WITH POTENTIALLY LETHAL VOLTAGE. PLEASE CAREFULLY READ THIS MANUAL BEFORE TURING ON THE AMPLIFIER. RED SEVEN AMPLIFICATION ARE NOT RESPONSABLE FOR ANY PARTS SUBJECT TO WEAR (LIKE TUBES, POTS, CAPACITORS, ETC).

WARNING!!

This amplifier uses potential lethal voltage, it must be used only by expert people!

WARNING!!

Before insert power cord inside Kalì MkII, check the voltage plate under IEC socket and be sure to match wall voltage of your country.

PREMISE

By developing this amplifier we had few main visions in our minds:

1 – **THE AMPLIFIER MUST SOUND GOOD IN A MUSICAL CONTEST AND NOT IN YOUR BEDROOM EXCLUSIVELY.**

This can be hard to understand to some people, but every step of our develop process we recorded it through a professional studio recording system, ensuring useless frequencies which can fight with bass guitar, or synths or maybe cymbals in a live/recording environment. A huge quantity of useless gain and can be a bad thing too and we take care of this too!

2 – **MIDS IS EVERYTHING.**

The mid frequencies are where your guitar amplifier lives. This mean you need good mids with the right frequencies to popping through the mix without having any volume problem. We changed quite a bit how the usual mid control works in almost every guitar amplifier. By doing this we develop a very sensitive mid control, ensuring a very special and musical way to express those delicate frequencies.

We believe in mids, do not underestimate this frequencies range, we're serious about this!

SOUND DESCRIPTION

Kali Mk II is the first ever amplifier from RedSeven Amplification. This is our take on the vintage 2x12 british combo amplifier of the mid '60s.

Beside this design many "boutique" guys spent a lot of their time developing their own version, including mr. Ken Fisher, the father of boutique design along with Howard Dumble.

We done the same with our Kali but making it way more usable in live and studio situation by adding a few twists.

This amplifier keeps the original feel of the el84 based amp of the '60s, with added:

- Mid control: now you have the possibility to not have only that strong mid range old amps are famous for, but it extend the sonic palette to many different sounds.
- Master volume: a special one. You can overdrive the preamp just a little bit in order to obtain a that crunch bite. If having Master volume at 10 it's like not having this control in the signal path.
- Boost switch: this change the gain structure in one of the preamplifier stages. More bass, more volume and a little bit of gain are added to the "normal" sound. Perfect for the ones who love to live in the edge of breakup and play with volume pot on your guitar.
- Aural Verb: we love so much spring reverb but at the same time we hate the added noise from the springs/amplifier circuit, so we went for the best digital emulation of spring reverb, our Aural Verb, now with mix and time controls.

TECHNICAL FEATURES

FRONT PANEL:



(from left to right)

- **STANDBY / ON SWITCH:** turn the amplifier in standby mode or in operative mode.
- **BLUE INDICATOR:** (near STANDBY / ON SWITCH): this light indicate the state of incoming power supply. It will turn on if everything is ok.

POTS:

- **AMPLIFIER:** Preamp volume, Treble, Bass, Middle, Cut, Master volume.
- **REVERB:** time and mix controls for Aural Verb.

SWITCHES:

- Bright switch (B1 / normal / B2)
- Boost mode (on/off).

REAR PANEL



(from left to right)

- **LINE OUT:** jack and level pot for line out signal, taken from the output jacks. Please remember you **MUST** use a cabinet anytime in conjunction with this output. Using Line Out by itself without any load will damage this amplifier.
- **OUTPUT:** output jacks for connect the amp to an cabinet. Please read carefully the impedance before connect your cabinet.
- **RECTIFICATION TYPE:** diode (FAST) or tube (SLOW). Diode rectification will give to the sound a tighter response, more definition in the bass frequencies and a more defined sound. Tube rectification gives you a “slower” sound, lager bottom end and a spongier response under your finger.
- **HT FUSE:** (1A slo blow) high current fuse. Replace **ONLY** with same type.
- **MAIN FUSE:** (2.5A slo blow) input voltage fuse. Replace **ONLY** with same type.
- **IEC SOCKET:** connect power cable here.
- **POWER ON / POWER OFF SWITCH:** turn the amplifier on or off.

FIRST USAGE

Before plug the power cord make sure to check the input voltage of the amplifier and be sure to match it with your wall voltage, and then insert the power chord.

Before plug the speaker cable, check the impedance of your cab and match the output impedance of amplifier, than connect the speaker cable from cabinet to amplifier.

Now you're ready to put Power Switch to "POWER ON" position.

Leave the amplifier in this state for at least thirty seconds.

Plug your signal cable into input jack than you're ready to put Standby Switch in "ON" position. Now you can rock'n'roll!

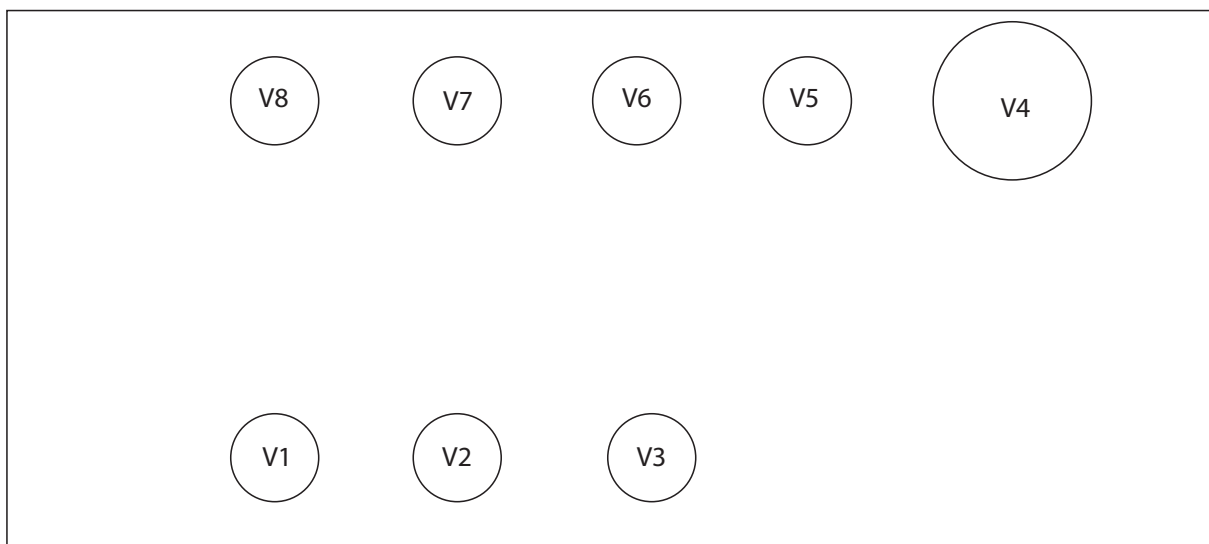
HEAD AND COMBO VERSION

K30 MK II is available in both head or combo 1x12 versions. There're no difference at all between this two model, beside the internal speaker in combo version.

TUBE LAYOUT

This amplifier comes with EL84 type tubes in the power amp section and 12AX7 in preamp, selected by our trusty partners at Tube Amp Doctor. Power tube can't be changed with other type of tubes (i.e 6L6s, EL34s, etc), they can be substitute only with other EL84 type tubes. You need to check the bias every time poweramp tubes are changed. For doing this is necessary to open the amplifier, so please contact us at info@redseven-amplification.com

Do not try swap P.A. tubes without adjusting bias current. In the most case this can lead to a simply tube failure, in some other you can make some serious damages!



FRONT PANEL

V1 - suggested tube: TAD 7025 (first and second stage)

V2 - suggested tube: TAD 7025 (tonetack)

V3 - suggested tube: TAD 7025 (tonestack)

V4 - suggested tube: TAD GZ34 (rectifier tube)

V5,V6, V7, V8 - suggested tube: TAD EL84 (poweramp tubes)

CABINET AND SPEAKERS

For the best sonic experience ever we highly suggest to play this amplifier with RedSeven Pro Cab series.

We develop this amplifier thru this cabinet so this is the natural extension for it.

We suggest you to try K30 with Celestion Blue Alnico, Gold Alnico, Greenback and WGS Retro30. This are all good choice to us.

TROUBLESHOOTING

- K30 IS NOT TURNING ON
Check the power chord, sometimes it will be loose and cannot make good contact with IEC socket. Replace it. If this doesn't work check MAIN fuse, if it's blown replace with SAME type and try again to turn on again. If fuse continue to blown, turn off the amp and contact RedSeven Amplification.
- K30 IS TURNING ON (RED LED IS ON) BUT WITH NO SOUND
First of all be sure to connect speaker cable properly, both amplifier as the cabinet. Check the input signal from guitar too. If this doesn't work check HT fuse, if it's blown replace with SAME type and try again to turn on again. If fuse continue to blown, turn off the amp and contact RedSeven Amplification.
- K30 IS MAKE NO SOUND
If everything works properly be sure to have both relative channel volume and master volume turned up.

For any problem and in any moment you can contact a qualified tech at: info@redseven-amplification.com

We will replay to you as soon as possible.

WARRANTY DESCLAMER

Please, do not try to open the amplifier in any case. For any problem contact your seller or write to us. This amplifier runs at very high voltage that can lead to death. Any inexpert person should not even think of do anything inside this amplifier. RedSeven Amplification offer a standard two year fully warranty for any component (except to wear subjects).

By removing the amplifier form his wood cabinet or by making any modification to the original state will violate standard warranty and RedSeven Amplification will not responsible for any damage to people, things or animals.

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