

# Suhr

## SL-68™ HAND WIRED

### USER GUIDE



## SL-68 Hand Wired Amp

Each SL68 amp features hand wired construction, four EL-34's (which deliver 100 watts), four inputs, two channels, a *Low Power* switch, *Master Volume* control, and delivers a wide range of classic and modern tones.

From warm and sparkling cleans, to high-gain \*Variac™ style overdrive tones, the SL68 is the foundation of great rock tones!

\*Variac is a trademark of ISE, Inc.





## TONE CONTROLS

### Power Selector Switch:

Offers the following three-positions:

**OFF:** Power is switched off

**HI:** On, normal operation

**LOW:** Changes the SL-68's feel from tight and aggressive to spongy with a smoother attack, excellent for solo playing.

*NOTE: Dimming of the power indicator light in LOW mode is normal.*

### Stand-By:

With the Power switch in the OFF position and the Standby switch in the Standby position, flip the power switch to ON. Wait sixty seconds, then flip the Standby switch to the ON position.\* To power down, simply switch the power switch to the OFF position.

\* This will prolong tube life.

*NOTE: To avoid loud popping or damage, ensure the amplifier is in the Standby position.*

**Presence:** Adjusts the amount of high frequencies. Turning it clockwise will add more cut and sparkle.

**Bass:** Adjusts the amount of low end. Turning it clockwise increases the amount of low frequencies, giving you a fuller tone. Turning it counter clockwise will reduce the effect and tighten up the bottom-end, useful when performing at louder volumes.

**Middle:** Adjusts the midrange. Turning it clockwise increases the amount of mids, giving your tone a fatter response. Turning it counter clockwise will produce a mid-scooped sound.

**Treble:** Adjusts the top end. Turning it clockwise increases the amount of treble, giving your tone clarity and brightness. Turning it counter clockwise will produce a warmer sound, excellent for dialing in smooth fluid-like lead tones.

**Volume I:** Adjusts the overall output level of Channel I.

**Volume II:** Adjusts the overall output level of Channel II.



## INPUTS

### Channel I Input (top)

Has a high sensitivity and voiced brighter than Channel II.

**NOTE:** This input is most commonly used.

### Channel I Input (bottom)

Has low sensitivity and offers a slightly warmer tone.

### Channel II Input (top)

Has high sensitivity and offers a normal/bassier tonal response.

### Channel II Input (bottom)

Has low sensitivity and a normal/bassier tonal response.

## Bridging or Jumping the Channels

Bridging or Jumping the channels will unlock a palette of sounds and expand the SL-68's possibilities. Begin by plugging your guitar into the top (high sensitivity) input of Channel I, then run a short instrument patch cable from Channel I's bottom (low sensitivity) input to the top (high sensitivity) input of Channel II, then blend Volume I and Volume II controls to dial in a wealth of new and unique tones.





### **Master Volume:**

Adjusts the SL-68's overall output level and offers the flexibility to dial up rich, high-gain overdrive at any volume.

### **Tubes**

The SL-68 tube compliment consists of four EL-34 power tubes and three 12AX7 preamp tubes.

### **Speaker Outputs:**

Two loudspeaker outputs wired in parallel with 3-way impedance selector switch for 4 $\Omega$ , 8 $\Omega$  & 16 $\Omega$ .

**IMPORTANT:** To avoid serious damage to your amplifier, we recommend never operating it without a speaker or suitable load.

## SAMPLE SETTINGS

**PUNCHY CLEAN:** Power: HI, Master Volume: 8, Presence: 6, Bass: 6, Middle: 5, Treble: 7, Volume I: 4, Volume II: 0



**CRUNCH:** Power: HI, Master Volume: 4, Presence: 6, Bass: 6, Middle: 5, Treble: 7, Volume I: 7, Volume II: 0



**LEAD:** Power: Low, Master Volume: 4, Presence: 5, Bass: 5, Middle: 6, Treble: 5, Volume I: 10, Volume II: 0



**BRIDGED:** Power: Low, Master Volume: 4, Presence: 6, Bass: 6, Middle: 5, Treble: 7, Volume I: 10, Volume II: 7



## ***SPECIFICATIONS:***

**Output:** 100 Watts RMS

**Tubes:** 4-EL34 & 3-12AX7

**Fuse:** 3 Amp Slo-Blo

**Speaker:** EVM-12L

**Front Panel:** OFF/HI/LOW Power Select Switch, Presence, Bass, Middle, Treble, Volume I, Volume II controls and four Inputs

**Rear Panel:** Master Volume, two Speaker outputs, Impedance Selector (4Ω, 8Ω, & 16Ω), HT Fuse, Mains AC Inlet and Mains Fuse

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## **WARRANTY FOR SUHR AMPLIFIERS AND ELECTRONIC PRODUCTS:**

JST warrants for lifetime from date of purchase by the initial retail purchaser that this product shall be free from defects in workmanship. Electronic components such as capacitors, resistors, filters, transformers, jacks, and pots are covered for 5 years. Any parts determined defective by JST within the five (5) year term shall be repaired or replaced by JST without charge for parts and labor provided the unit is returned, transportation costs prepaid, to JS Technologies, Inc., 601 Crane Street, Unit A, Lake Elsinore, CA 92530, or to such facility authorized by JST. JST will pay shipping costs to return the unit to its owner. Defects in workmanship will be determined by JST for limited lifetime coverage.

This warranty does not cover damage caused by accident, misuse, abuse, neglect, unauthorized or improperly performed repairs, alterations, and/or wear and tear occasioned by use of the product, and does not include any expense for inconvenience or loss of use while the product is being repaired or replaced. JST expressly disclaims any liability for consequential damaged arising from the sale, use, or inability to use the product. Any warranty implied by law, including any warranty of merchantability or fitness, is expressly limited to the one (5) year warranty term for the parts on our amplifiers and electronic products. The foregoing statements of warranty are exclusive and in lieu of all other remedies. Workmanship lifetime warranty is limited strictly to the original retailer purchaser of the instrument registered with JST within 10 days of purchase from an authorized JST dealer or distributor. JST will pay shipping costs to return the unit to its owner within the mainland U.S.

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