

*Suhr*<sup>®</sup>

**SL-67<sup>™</sup> HAND WIRED  
USER GUIDE**



## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions
2. Keep these instructions
3. Heed all warnings
4. Follow all instructions
5. Do not use this apparatus near water
6. Clean only with dry cloth
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
9. Protect the power cord from being walked on or pinched, particularly at plugs and the point where they exit from the apparatus
10. Unplug this apparatus during lightning storms or when unused for long periods of time
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as: power-supply cord or plug is damaged, liquid has been spilled on, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. **CAUTION:** To disconnect the unit completely from the MAINS, unplug the unit. Turning the power switch off does not disconnect the unit completely from the MAINS.





Thank you for purchasing the **Suhr SL-67 Hand Wired** amplifier.

#### **OVERVIEW**

The Suhr SL-67 is a no compromise 50 watt version of our popular SL-68 hand wired amplifier. Housed in a “small box” enclosure, the SL-67 is light, portable, and built to deliver the complete range of classic British-style tones at any volume. From sparkling cleans to screaming high-gain Variac™ style overdrive tones, the SL-67 responds dynamically to every nuance of your playing style and instrument with just a turn of your guitar’s volume control.



## FRONT PANEL

### POWERING INSTRUCTIONS

With the Power, HI/LOW Select Switch in the Off position and the Standby Switch in the Standby position, flip the power switch to the desired power (HI/LOW) position. Wait sixty seconds and then flip the Standby Switch to the on position.

To power down, simply flip the Standby Switch to the On position and then flip Power, HI/LOW Select Switch to the Off position.

### POWER SELECTOR SWITCH (3-position)

**OFF:** Power is switched OFF

**HI:** ON, normal operation

**LOW:** In the late 70's an L.A. based Hard-Rock guitarist burst on the scene with a highly saturated tone that he achieved by pairing a vintage British head, with a Variac voltage controller that he used to drop the power to create the "brown sound". This setting delivers that tone by dropping the voltage (approximately 25%) which changes the SL-67's feel from tight and aggressive, to spongy and saturated, while delivering incredible sustain.

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

### STANDBY SWITCH

**ON:** Amplifier is in Standby

**STANDBY:** Amplifier is active

### 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.



### A WORD ABOUT THE SL-67's DYNAMICS AND YOUR GUITAR'S VOLUME CONTROL

The SL-67 responds dynamically to every nuance of your playing style. When you pluck a string, your guitar's pickups convert that energy to a voltage that is sent through the input circuitry. With your guitar's volume control at maximum (using humbuckers) that voltage is approximately one volt. Turning your instrument's volume control down, or picking softer, decreases the voltage which changes the characteristics and amount of distortion. Due to the SL 67's input circuitry design you can achieve a wide spectrum of overdriven tones by simply adjusting your guitar's volume control.



## OPERATING INSTRUCTIONS (continued)

### INPUTS

#### CHANNEL I INPUT (top)

Has high sensitivity (which offers more gain) and a brighter tonal response.

**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-67'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.

**NOTE:** *When only using Input I, turning up Input II's Volume control will increase gain slightly.*







### MASTER VOLUME

Adjusts the SL-67's overall output level and offers the flexibility to dial up rich, classic overdrive at any volume.

**NOTE:** Turning the SL-67's Master Volume to 10 will remove it from the circuit.

### TUBES

The SL-67's tube complement consists of two EL-34 power tubes and three 12AX7 preamp tubes.

### SPEAKER OUTPUTS

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

**IMPORTANT:** To avoid serious damage to your amplifier, never operate 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:** 50/25 Watts RMS

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

**Mains Fuse**

2 Amp Slo-Blo

**H.T. Fuse**

F 0.5A/250V (Fast-Blo)

**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

**Dimensions:** 26" (W) x 8.25" (D) x 10.25" (H)

**Weight:** 42 lbs.

*\*All specifications subject to change without prior notice.*

# SUHR.COM

## 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 or inconvenience or loss of use while the product is being repaired or replaced. JST expressly disclaims any liability for consequential damages 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 retail 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.

The above warranty policy only applies to customers in USA. If you are an international customer, please check with your distributor and the dealer in your country for warranty matters. Warranty issues must be handled through your dealer or distributor. If you are an international customer who purchased (or plan to purchase) from a US dealer, we can handle warranty matters direct but you will be responsible for shipping both ways. We encourage international customers to purchase through your local distributor or dealer for this reason. Our international distributors are set up to handle warranty issues in their respective countries. If you do not have an authorized Suhr dealer in your country, please contact us direct for further details.