

Suhr®

Shiba Drive™

USER MANUAL



Thank you for purchasing the **Suhr Shiba Drive™** pedal. Please take the time to read this manual to get the most out of your pedal. The more you familiarize yourself with the features of this pedal, the more you will enjoy its benefits and maximize its potential.

OVERVIEW

Shiba Drive is a smooth sounding overdrive pedal that works well with a clean amp to deliver a wide range of warm bluesy rhythm tones, it can also be used to push an already overdriven amp into creamy violin-like sustain for solos. Shiba's unique midrange character allows your tone cut through the mix, while retaining your instruments natural sonic qualities.

Shiba Drive features an easy to tweak layout which includes **Drive**, **Level**, **Tone** and a three position **Smooth** switch.

CONTROLS

Drive: Controls the amount of drive from the circuit. This will take you from a bluesy crunch to a smooth, sustaining overdrive.

Level: Controls the output level of the pedal. Shiba provides enough level to push the front end of any tube amp into natural clipping, or adds sustain to an already overdriven amp.

Tone: Shapes the the overall tonal response of the pedal - from warm and smooth to bright and cutting.

Smooth Switch: (three position)

Left: Activates a mild high-end roll off. Effective for warming up guitars with single-coil pickups.

Middle: Voiced to produce a natural, open sounding overdrive.

Right: A more pronounced high-end roll off. Excellent for chunky rhythms and violin-like lead tones.

Note: *The modes have less effect at lower gain and tone settings*



OPERATION:

Install a 9V battery or use a suitable 9Vdc, center negative power supply.

Plug your guitar into the input jack and connect your amp to the output jack. **Note:** *Connecting a cable to the input jack will power up the pedal.* If using the internal battery, remember to unplug your cable from the input jack when you are done playing in order to insure a long battery life. To activate, tap the foot switch and Shiba's LED will illuminate orange indicating that it is in the signal path.





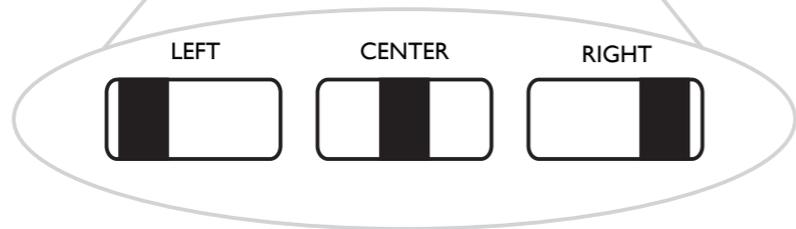
Drive: Adjusts the amount of overdrive added to your tone, taking you from a bluesy crunch to a smooth sustained overdrive.

Level: Adjusts the output of the pedal. Shiba provides enough level to push the front end of any tube amp into natural overdrive.

Tone: Shapes the overall tonal response of the pedal - from smooth and warm to cutting lead tones.

True Bypass: Shiba is true bypass via a relay.

LED: LED illuminates orange when effect is activated.



FX Link Switch Position

EXCLUSIVE FEATURES:

True Bypass:

Shiba Drive is true bypass via a relay. This function allows for the remote switching, and the battery monitor feature. The relay produces less popping when switching the pedal on and off.

FX Link:

The FX Link can be utilized to remotely control the pedal. Shorting between the shield and the tip will activate the pedal. Opening the connection will turn off the pedal. The shield to ring connection is used to sense an external tap switch.

Right: Shiba will power up in the **ON** state.

Center: Shiba can be switched remotely via the FX Link jack. In this position Shiba's state will be dictated by the status of foot switch connected to the jack. If the FX Link jack is not utilized, Shiba will power up in the **OFF** state.

Left: Shiba will power up in the **OFF** state.

Battery Monitor:

Upon powering up the pedal, the battery voltage is measured. If the voltage is at a low voltage (4.5V), the LED will flash 3 times to alert the user. Normal operation will then resume. Should the battery fail completely (<4V), the **Shiba Drive** will switch to true bypass mode and the LED will begin to flash (it's time to replace the battery) . This will ensure that the signal continues uninterrupted and undistorted. The LED flash can be defeated by pressing the foot switch to turn it off.

SAMPLE SETTINGS

Mild, Organic, Overdrive:

Drive: 4

Smooth: Middle

Level: 7

Tone: 6



Bold and Punchy Overdrive:

Drive: 7

Smooth: Left

Level: 7

Tone: 6



Smooth, Singing Overdrive:

Drive: 10

Smooth: Right

Level: 7

Tone: 4



SPECIFICATIONS:

Input Impedance:	1M ohm
Output Impedance:	600 ohm
Power Connector:	9Vdc, center negative, 2.1mm x 5.5mm
Operating Voltage:	4V to 18V (nominal 9V)
Maximum Voltage:	20Vdc
Reverse Battery Protection:	yes
Over Voltage Protection:	yes
Current Consumption:	8mA
Estimated Battery Life:	75 – 100 hours of continuous use
Dimensions:	2.50" Width x 4.50" Depth x 1.25" Height
Weight:	0.75 pound
FxLink Connector:	1/8"
FxLink max Voltage:	3.3Vdc
Shield → Tip:	Activate on/off
ROHS Compliant:	Yes
Agency Approvals:	N/A

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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.

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.