

Suhr MiniMix II Owners Manual

Thank you for purchasing the Suhr MiniMix II. The Suhr MiniMix II is a professional grade audio signal line mixer with the highest quality audio components for the very best sound quality possible. Please take a moment to read this manual thoroughly so that you can maximize its features and get the best possible performance out of your guitar rig.

MiniMix II features better than 0.004% total harmonic distortion and noise floor along with an extremely flat frequency response covering 20Hz to 20 KHz. The MiniMix II assures that your amp signal is not degraded by ADA converter in your processor. Now you can play with the peace of mind that the pure guitar-amp signal that you've worked so hard to attain is not compromised by suspicious circuits in various effects units.

The MiniMix II adds new features to the original MiniMix with its ability to receive signals from two separate processors in parallel, a control jack that allows you to mute the dry signal for those effects patches (like compressor, chorus, tremolo or EQ, etc.) that are better suited for series operation, and an isolated transformer to eliminate ground loops. The MiniMix II now accepts both high-impedance instrument level signal or low-impedance line level signal, making this an invaluable addition to your rig.

Description:

The MiniMix II is an FX loop mixer that sums the amplifier dry signal to two effects devices (via TRS jack). It utilizes a stereo control jack to turn on and off the dry signal path as well as the FX path. It can also act mute the amplifier. FX signals are transformer-coupled to eliminate ground loops.

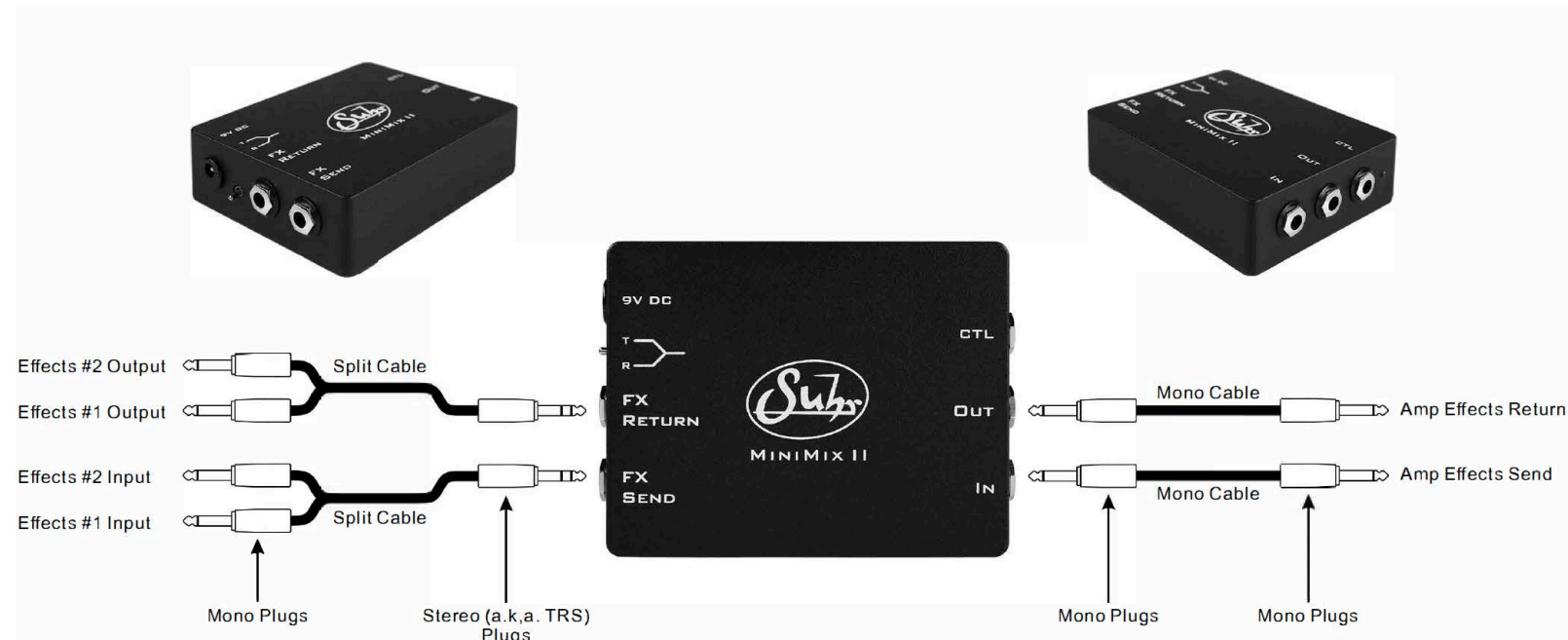
The MiniMix II is powered by 9Vdc (preferable) or 9Vac. The plug used is a 2.1mm x 5.5mm plug. The plug polarity is irrelevant as the MiniMix II utilizes a full-wave bridge for power input protection.

1/4" Jacks:

Connections for one processor or processor chain:

- IN - connect from amplifier FX loop send
- OUT - connect to amplifier FX loop return
- FX SEND - connect to FX input
- FX RETURN - connect from FX output

Connection Diagram using two processors in parallel:



Feature Switch:

The feature switch re-routes the signal on the FX return jack. When the switch is in the down position, the MiniMix II accepts one balanced input on the TRS jack. When the switch is in the up position, 2 inputs, one on the TIP and the other on the RING, are summed. Note that the shield is common between both inputs. A standard insert cable can be used for this mode of operation. The insert cable consists of 2 mono jacks tied to a stereo jack.

Control: Stereo control jack

Control Functions:

The control jack is wired as follows –

Tip to shield: FX Return on/off (shorted=off, open=on)

Ring to shield: Dry signal on/off (shorted=off, open=on)

Tip+Ring to shield: Amp mute on/off (shorted=mute, open=unmute)

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., 18650 Collier Ave., 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.