



Valve Effects Loop Buffer

Model V941

Because of varying guitar amp and effects designs, connecting anything into an amplifier's effects loop usually means a loss of level and tone!

The VOX V941 Valve Effects Loop Buffer has been designed to improve performance by optimizing levels and impedances between guitar amp effects loops and effects. With its internal 12AX7 valve it helps maintain tone and in most cases improves it.

This compact one-space Vox Rack Accessory is a flexible two-stage gain device. Its versatility makes it a valuable tool for the guitarist in a wide range of applications.

Applications

EFFECTS LOOP BUFFER

This device makes possible and improves the connection of most effect devices and audio signal processors, whether tube or solid state, to a passive guitar amp effects loop. This includes rack digital effects, EQs, Compressor/Limiters, guitar stomp boxes, etc..

SET UP

1. Connect a cable from your amp's effect send to the rear panel INPUT jack.
2. Connect a cable from the OUTPUT jack to the guitar amp's effect return.
3. Connect a cable from the SEND jack to the input of your effects processor.
4. Connect a cable from the output of your effect processor to the RETURN jack.
5. The SEND LEVEL knob controls the volume level sent to the effects processor. Set the input level on your effects processor as you normally would. Raise the VOX SEND LEVEL until the input LED is in the normal range specified in the effect processor manual.
6. The Return Level knob controls the volume level returned from the effects processor. Raise the VOX RETURN LEVEL until the effects (wet) level and loop bypass (dry) levels are the same. Compare levels by pressing the LOOP BYPASS button.

VALVE DISTORTION/GAIN BOOSTER

The Vox V941 can also be used as a distortion/gain booster when connected into the front end of a guitar amp or the amp's effects loop. This helps to add life to a mediocre amp and adds some VOX valve magic when connected to a solid state amp.

SET UP

Connect the V941 into the amp's effect loop (as described above) or;

1. Plug your guitar cable into the rear panel INPUT jack.
 2. Connect a cable from the V941 OUTPUT jack to your guitar amp's input.
- Distortion/gain boost amount is controlled with the LOOP SEND and RETURN LEVELS. Gain boost is bypassed when the LOOP BYPASS switch is pressed "In".

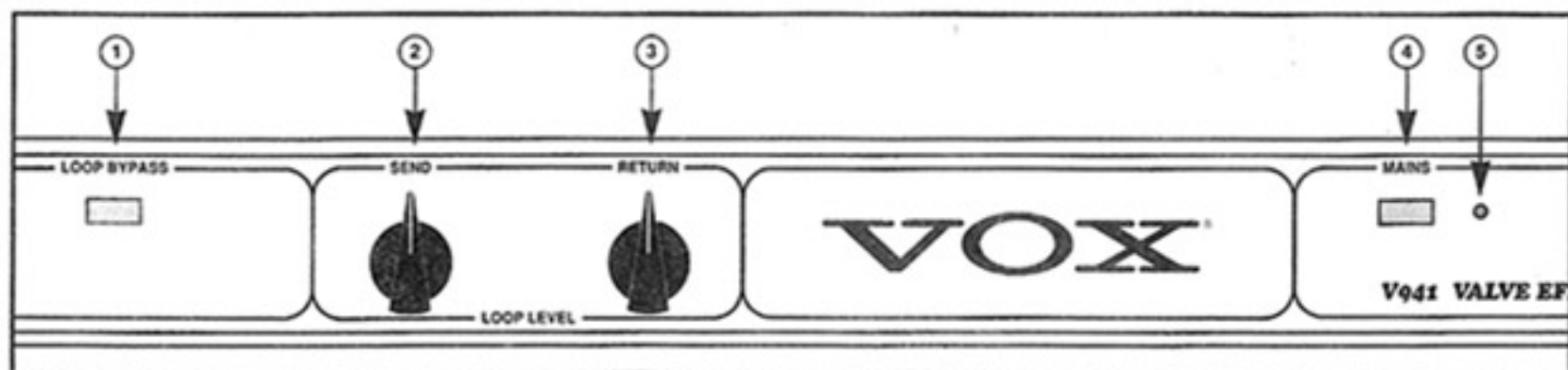
GAIN/IMPEDANCE MATCHING DEVICE

The V941 can be used as a gain/impedance matcher when connected between low level mixers (or preamps) and power amps. It can also be connected into an input channel on a mixing board and used for boosting low level instrument signals.

ACOUSTIC INSTRUMENT PREAMP

The Valve Effects Loop Buffer can be used as a signal amplifier for low sensitivity pickups when connected between an acoustic instrument's piezo pick-up and a mixer or guitar amp.

Front Panel



1. LOOP BYPASS SWITCH

Push this switch to bypass the effects loop. When pushed "In" the effects loop is bypassed. When the switch is "Out" the effects loop is active.

2. LOOP SEND LEVEL

Controls the signal level sent from the Send Jack to an effects processor. The Loop Send Level also sets gain amount when the V941 is used as a gain booster.

3. LOOP RETURN LEVEL

Controls the volume level returned from an external effect or signal processor. The Loop Return Level also sets gain amount when the V941 is used as a gain booster.

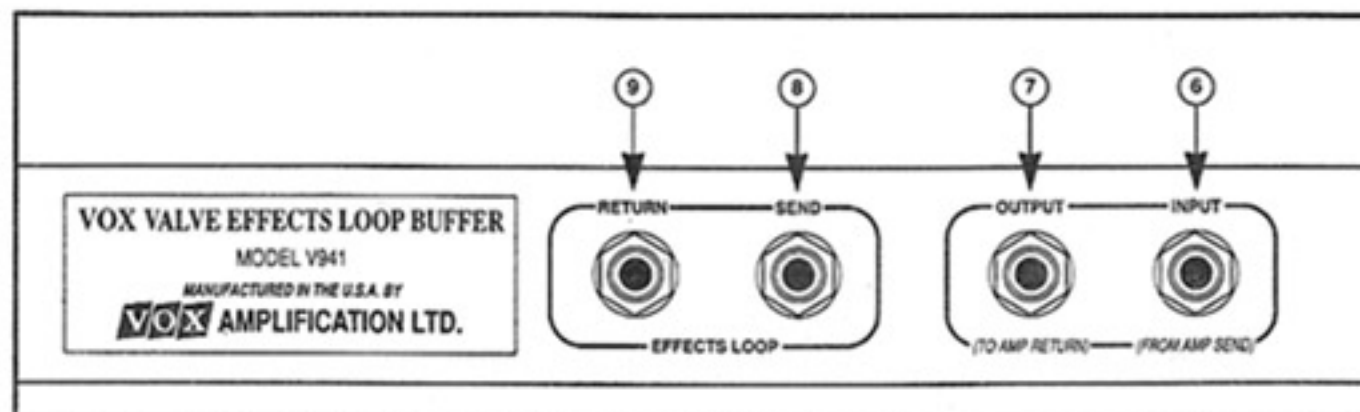
4. MAINS SWITCH

On/Off switch for mains power.

5. MAINS LED

Power "On" indicator.

Rear Panel



6. INPUT JACK

Main input jack. When connecting the VOX V941 to your guitar amp's effects loop, connect a cable from the amp's effect send to this jack. If using the V941 as a gain booster before a guitar amp, plug your guitar cable into this jack.

7. OUTPUT JACK

Main output jack. When connecting the VOX V941 to your guitar amp's effects loop, connect a cable from this jack to the guitar amp's effect return. If using the V941 as a gain booster before your guitar amp, connect a cable from this jack to the guitar amp's input.

8. EFFECTS LOOP SEND JACK

Connect a cable from this SEND jack to the input of an effects processor.

9. EFFECTS LOOP RETURN JACK

Connect a cable from the output of an effects processor to this RETURN jack.