

Stuart Zender
FUNK **ZZ** **FACE**
by Ashdown

OUTPUT



DRIVE



SENSITIVITY



VALVE

WAH

PRE/POST VALVE

FUNK FACE

USER MANUAL

Input Sensitivity

The SZ Funk Face pedal is a pure analogue pedal; it consists of a detector circuit that changes the signal from the bass to a control voltage that is then sent to twin voltage controlled filters. This effectively means that the filters are sensitive to your playing style and will respond accordingly with more effect the harder you play.

The sensitivity control has enough range to cope with a variety of basses but occasionally it may be found that with High output type basses the filters may be overloaded due to excessive input. A small slide switch has been incorporated in the base of the pedal to allow the input sensitivity to be reduced to suit instruments with a high output.

Sensitivity Control

This rotary control sets the level of signal passing to the control circuit for the filters and therefore the overall effect, experimentation will be required to get the exact sound you have in mind, consistent playing will be required as the filters are touch sensitive.

Real Valve overdrive

The Valve overdrive circuit fitted into the FUNK FACE duplicates the kind of overdrive you would get from Valve Amplifier and works in exactly the same way as follows The DRIVE GAIN controls the magnification of the signal from the instrument, at higher settings the Valve will be overdriven clipping and compressing the sound from the instrument, Higher harmonics and higher frequencies will be accentuated whilst the lower frequencies will be compressed. Just as in a valve amplifier this will be accompanied by a drastic increase in volume dependant entirely on the setting of the gain control. To enable you to match the Overdriven signal level to the clean level a Drive level control is also provided. In this way it is therefore possible to change from a crystal clean sound to an overdriven sound of similar level.

The Input Level also has some bearing on this as it sets the starting point from which the overdrive circuit works so some experimentation with this in conjunction with Drive Gain and Drive Level will be required to get exactly the results you are looking for.

The OVERDRIVE is foot switchable and the pedal lights up blue when the overdrive is engaged. When using the footswitch it is advisable and desirable to avoid large increases in volume as sudden level changes may produce switching noise further down the line.

POWERING UP

When powering up from cold connect the Power supply and allow a few minutes for the pedal to warm up , operate the footswitches several times to stabilise the internal circuits Before connecting to the amplifier.

Power Supply

The SZ FUNK FACE requires a Linear Isolated High quality Regulated power supply that can supply a current 300mA at a voltage of 15-18V DC Centre Pin NEGATIVE for the fitted 2.1mm connector socket. Since most Professional pedal board power supplies have outputs at 9V and 18V the pedal is marked at 18V. The pedal reduces the incoming power supply down to 12v suitable to drive the Valve and internal circuits, for the internal stabilisation to be fully effective the connected power supply should be between 15-18V DC as stated...

In extreme cases the pedal will operate on 9v but this will be accompanied by an increase in noise and the Valve drive will not be as effective.

For those of you that do not own a Pedal Board and power supply unit a suitable Linear Isolated supply has been included - this is 15V DC Centre Pin NEGATIVE and for use ONLY with the FUNK FACE Pedal.

The use of switching type adaptors is not recommended as these invariably generate unwanted noise and are sometimes NOT completely ISOLATED from the mains supply

Noise sources

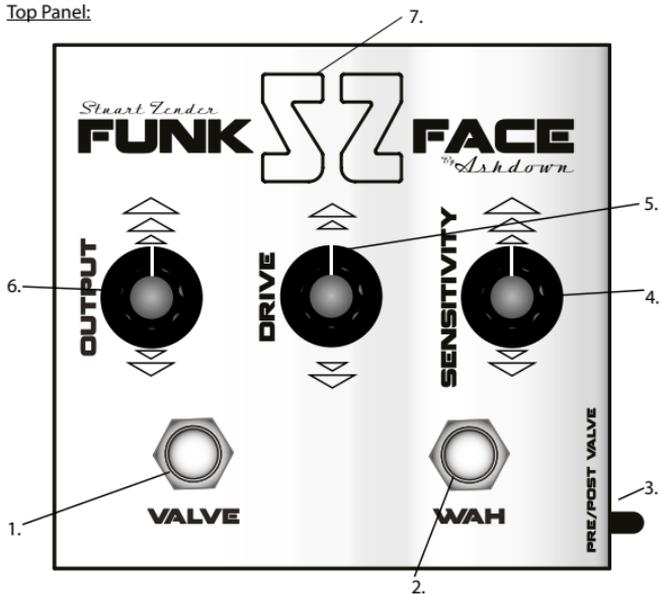
Guitars in general make fantastic Aerials and are able to pick up all sorts of interference which can find its way through any connected equipment, such sources include, Mobile Phones, Bluetooth devices, Wi-Fi Transmitters and Computers, Led lighting and switch mode power supplies.

Interference in the home can come from additional sources such as refrigerators and Central heating turning on and off, these produce unwanted clicks and pops which the guitar will pick up with monotonous regularity. If you are working or recording in such an environment it is a good idea to switch off as much as possible and position yourself and the instrument for least interference.

ASHDOWN FUNK FACE

USER GUIDE

Top Panel:



Front Panel:

- 1-**
VALVE - Latching foot-switch - Engages Valve Drive.
- 2-**
WAH - Latching foot-switch - Engages Twin Dynamic Filters.
- 3-**
PRE/POST VALVE - Latching Push Button - Swaps the signal path of the WAH pre or post valve for more tonal control.
- 4-**
SENSITIVITY - Rotary Control - Set the sens of the envelope in conjunction with your instrument.
- 5-**
DRIVE - Rotary Control - Set the desired amount of valve drive goodness.
- 6-**
OUTPUT - Rotary Control - Set the overall output level of the pedal
- 7-**
SZ Indicators:
Blue = WAH
Red = VALVE
Blue & Red = WAH + VALVE / VALVE + WAH



Rear Panel:

8-

Jack Instrument Input

9-

Jack Output

10-

18v 300mA Centre Pin Negative Power Supply input.

Rear Panel:



INPUT

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OUTPUT

18V

CE

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