

Tony Spinner

„With my Les Paul I got a great retro tone like old Z.Z.Top.

That cool early Billy Gibbons tone!

With the Strat, I got the classic Foxy Lady, Hendrix tone“

Francois Delfin

“It’s a killer pedal“

Specifications:

- L111x W 60 x D 55 in mm
- Weight 238 gr. excl. 9V battery
- Battery power 9V standard type 6LR6
- External power supply 9Vdc / 30mA regulated
- Power consumption 1,2 to 1,8 mA at 9Vdc (average battery lifetime is 240 hours)

Certificate of component specification

We hereby state that this FuzzTool Junior© indicated by serial number:

.....

does contain a NOS Germanium Transistor with the following specification:

Current Gain (Hfe) = x

Leakage Current (Ice) = < 150 µA

Paul Lenders & N.E.R.D. Date :

GUITARSYSTEMS © 2009

Steutenweg 39 | 6034 SB Nederweert - EIND

The Netherlands

nerd@guitar-systems.com | www.guitar-systems.com



Do

- use the FuzzTool Junior© on the clean channel / setting of your amp
- use your guitar volume knob to go from fuzz / distortion through crunch to clean sound
- set the T.M.F from 0 to 75% when you want a distortion sound
- set the T.M.F. From 75 to 100% when you want a Fuzz sound use the neck pick-up and close the tone knob of your guitar to get a thick fuzzy sound
- replace the battery with a fresh one when the led dims
- remove battery from enclosure when using an external powersupply (to avoid leakage) and isolate the battery clip terminals



Do not

- use the FuzzTool Junior© on the high gain or crunch channel / setting of your amp
- use a standard (unbuffered) wah pedal up front of the FuzzTool Junior©
- put the FuzzTool Junior© in your amp’s send - return loop
- use a daisy chained power supply



Small in size, Big in sound



Developed by



Handcrafted in The Netherlands

TWO YEAR TRANSFERABLE LIMITED WARRANTY

Defects of manufacturing of this FuzzTool Junior© are subject to a two year limited warranty. This includes repair or replacement of all components that fail when used under normal conditions.

Excluded from this warranty are:

- Damage caused by abuse or modification
- Damage which relates solely to the aesthetic value of the product

This warranty is valid during the period of two years from the date of purchase.

Dallas Arbiter Fuzz Face History

The Fuzz Face is the most famous type of fuzz pedal and has become a legend because of its dynamic character. It is developed in 1966 by a company called Dallas Arbiter. The Fuzz Face is known in two configurations (1) the pre 1969 version executed with germanium transistors and (2) the post 1969 silicon transistors based version. They both have a different distinct character; germanium is soft and bluesy, silicon has more gain and sounds more harsh, thus more rock character. Famous guitar players who create(d) their unique sound with a Fuzz Face are: Jimmy Hendrix, Steve Ray Vaughan and Billy Gibbons.

Technology concept

Like the original Fuzz Face, the core of the FuzzTool Junior® is a dual transistor voltage feedback amplifier. The voltage feedback principle is intended to get more gain from a lower gain transistor, in the Fuzz Face it creates the typical touch sensitive character and dynamic response on the use of the guitar volume knob, the so called "clean up" effect. The FuzzTool Junior® is basically a Fuzz Face extended with features that increase operating flexibility and solve shortcomings of the original design but do not change the original Fuzz Face sound character.

Connections and controls

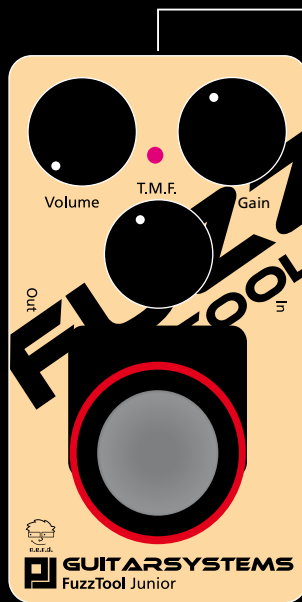
Dial in the output volume

Adjust the low / high end

Output to amp

True bypass switch on/off

Pink LED indicating effect on status



9V DC



This device has a positive ground. Use a dedicated or isolated power supply.



Dial in the Fuzz level

Signal input

Features

Hybrid transistor setup - a NOS low gain silicon transistor combined with a medium gain NOS germanium transistor. This results in increased temperature stability while retaining the germanium character and clean up capability.

Gain control - control the amount of Fuzz

Continuous variable range control (T.M.F.) - dial in the amount of bass or highs with a specific guitar type or pickup combination

Volume control - adjust the overall output volume of the effect

The PaulSwitch Jr.® - robust true bypass footswitch to switch effect on/off & to avoid tone sucking in bypass operation

External power supply - (noise reduced) providing the option to use an external power supply without inducing noise or changing the character of the sound.

Reverse and over voltage protection - to protect the sensitive germanium transistor and keeping the pedal running for many years to come

Radio Frequency Interference (RFI) suppression - avoiding radio signal reception when using high gain setting in combination with turning down guitar volume

Note: NOS stands for New Old Stock