

LABO ★ K EFFECTS

FUZZ ULTRA



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TECHNICAL INFO

CONTROLS

- Output level (Volume)
- Tone (Tone)
- Distortion amount (Drive)
- Behaviour (Gate)
- Colour (Bright-Warm-Deep)
- Frequency range (Fuzz-Fat-Ultra)

TECHNOLOGY

- Selected components
- Robust diecast enclosure
- Cliff et Lumberg connectors

SPECIFICATIONS

- True Bypass 3PDT switch.
- Consumption 4mA.
- Power: 9V battery or AC adapter DC 9V (not included).
- Dimensions : 4.7 (W) x 3.7 (D) x 1.6 (H)
- Weight: 14.82 Once.

Use quality mono Jacks cords only.

OVERVIEW

As its name indicates it, the Fuzz Ultra is to be classified in the family of Fuzz.

The Fuzz effect describes the sound obtained by the clipping of the signal which presents a wave of square shape. A sensible choice of components gives to this Fuzz a particular, at the same time vintage and modern, texture.

The Fuzz has a high gain.

It has a volume control, a tone control and a drive control. It also has a Gate control that eliminates noise. Gate setting provides various effects such as staccato or pumping.

A three position switch allows you to select the appropriate timbre on the guitar in use. Fuzz also has a Fat mode and a Ultra mode that bring big bass making its use with a bass guitar particularly interesting.

Like all **Labo ★ K Effects** pedals, the Fuzz Ultra is True By Pass. It means that when the effect is not active, the device is completely disconnected from the path of the signal and thus adds none résistive load in this one (The accumulation of résistives loads on the path of the signal eventually decreases the power and the brightness of the sound)

Optionals accessories

Power-Link cord by **Labo ★ K Effects**.
Allows to chain the supply of several pedals from a single power supply using the specific cord. (supplied with each Fuzz Ultra).



Knobs for **Labo ★ K Effects** pedals.



CONTROLS

I – THE POTENTIOMETERS

1. Volume

This control adjusts the output level of the Ultra Fuzz. The normal volume range goes from zero to maximum unless the gate is in action.

2. Tone

The tone control acts on the frequency range of the Fuzz.

3. Drive

This setting controls the rate of signal clipping.

4. Gate

This setting is the originality of the Fuzz Ultra. It offers a wide variety of effects ranging from the Gate effect (mute in the absence of signal) to the Pumping (compressor pumping style) over the staccato (mute after the attack). When this setting is active, the volume control can no longer mute. The start of the gate control allows to play on the signal spectrum while increasing the gain of the Fuzz Ultra

II – THE SWITCHES

1. Timbre selector

Timbre selector with three positions **Deep**, **Warm** and **Bright** allows to match the Fuzz Ultra and the type of microphone of the used guitar. It also allows you to have multiple colors Fuzz.

2. Mode selector

Mode selector with three positions **Fuzz**, **Fat** and **Ultra** allows to have three tone bandwidths.

- Fuzz mode works in the treble-mid band of traditional Fuzz.
- Fat mode boosts the bass giving more body to Fuzz.
- Ultra Mode provides big bass sounds making the use of the Fuzz Ultra with a bass guitar very interesting.

POWER SUPPLY

Labo ★ K Effects pedals are powered by 9V DC battery or external power adapter using the « Boss [™] » standard (negative (-) in the center, positive (+) outside).



The pedal can be supplied in several ways:

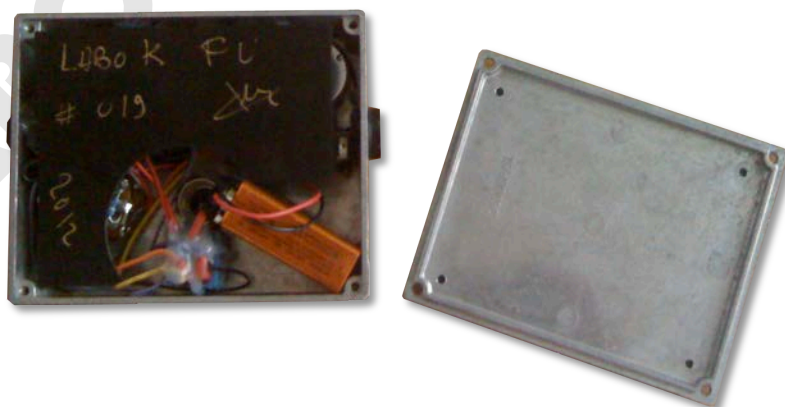
- 9V internal battery.
- AC Power adapter.
- AC Power adapter from another **Labo ★ K Effects** via « Power-Link » cord.
- 9V battery from another **Labo ★ K Effects** pedal via « Power-Link » cord.

Notes :

The power consumption of the Fuzz Ultra is 4mA what gives internal battery a comfortable lifetime.

When the input jack is not pressed, the internal battery is disconnected.

Change of the internal battery is done by unscrewing the four screws on the bottom of the box.



POWER-LINK SYSTEM



The Power-Link system of **Labo ★ K Effects** allows an external power supply to power several **Labo ★ K Effects** pedals via the cable supplied with each pedal by creating a daisy chain.

Using the Power-Link system of **Labo ★ K Effects** it is even possible to power a **Labo ★ K Effects** pedal (or any other pedal using the same power standard) with the internal battery of a **Labo ★ K Effects** pedal.

The amperage of the power supply used must be higher than the total consumption of pedals you want to feed simultaneously.

To respect the sense of connection, the Power-Link system uses 2 different connectors.

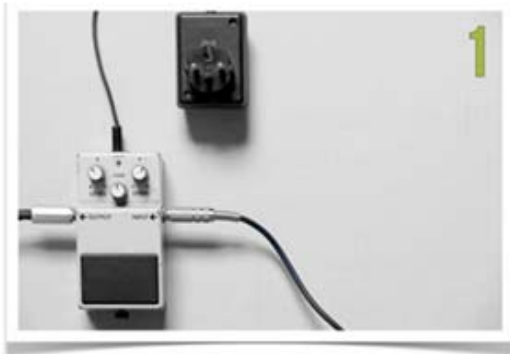
Lumberg connector J21 for the input.



Lumberg connector J25 for the output.



USE OF THE POWER-LINK CORD



BRANCHEMENT TYPIQUE D'UNE ALIMENTATION EXTERNE



AJOUT D'UNE PEDALE LABO ★ K



BRANCHEMENT DE LA GUITARE SUR LA LABO ★ K



INTERCONNEXION DES DEUX PEDALES



ALIMENTATION EXTERNE DANS LE CONNECTEUR "IN"
DE LA LABO ★ K



ALIMENTATION DE LA DEUXIEME PEDALE AVEC
LE CORDON POWER-LINK



POSSIBILITE D'UTILISER LA PILE INTERNE DE LA LABO ★ K POUR ALIMENTER UNE 2EME PEDALE VIA LE
CORDON POWER-LINK

ADVICES

To keep the integrity of the sound, use good quality mono Jack cords exclusively.

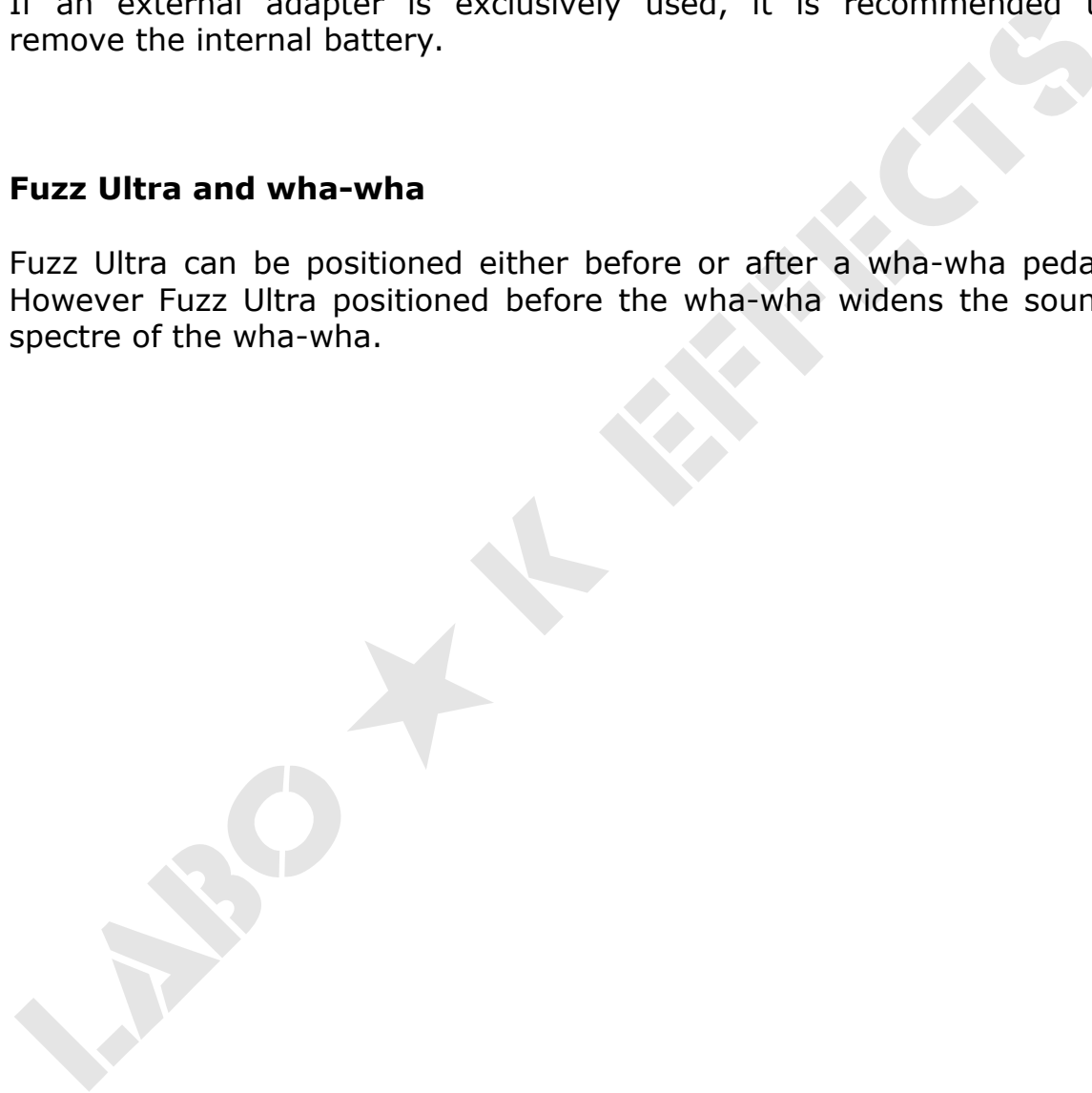
To extend the life of the battery, remove the connector of the input jack when not using the device.

Replace the battery when the light shines only weakly or not at all during the use.

If an external adapter is exclusively used, it is recommended to remove the internal battery.

Fuzz Ultra and wha-wha

Fuzz Ultra can be positioned either before or after a wha-wha pedal. However Fuzz Ultra positioned before the wha-wha widens the sound spectre of the wha-wha.



STAGE 1

No sound comes out of the device:

- Verify that all your equipment works without the pedal.
- Insert the pedal into the chain.
- If the sound comes out in by pass mode, go directly to the stage 2.

If the sound does not comes out either in by pass mode, nor in effect mode, go directly to the stage 4

STAGE 2

No audio ouput when the device is switched on :

- Verify that the output volume is not in zero position.
- · If the light shines correctly go to the stage 4.

STAGE 3

If the light shines weakly or not at all and the sound is weak and very distorted:

- Change the battery or verify the connection of the power cable.

STAGE 4

Your device is broken:

- Contact **Labo ★ K Effects** by mail

RECALL SHEET

FUZZ ULTRA - RECALL SHEET BY LABO★K EFFECTS

