



**MICROTUBES B7K ULTRA**  
USER MANUAL



MICROTUBES B7K ULTRA  
DARKGLASS ELECTRONICS - MADE IN FINLAND

# Microtubes B7K Ultra

## Limited Edition

The ability to interact between a clean modern sound and obliterating distortions, is what distinguishes the B7K Ultra from all other pedal. It features all the versatility and sonic possibilities from the acclaimed B7K, but with more options and controls.

### **Warning**

The Microtubes B7K Ultra has a current draw of 30mA. Only use a regulated 9V DC adapter with a center-negative plug. Due to ecological reasons it does not accept batteries. Unregulated power supplies and/or higher voltages may result in suboptimal noise performance and even damage your unit, voiding the warranty.

### **Warranty**

To activate the warranty, we encourage you to register your product on: <http://mypedal.darkglass.com> and enter the serial number on the back of your pedal.

Please contact us via email [support@darkglass.com](mailto:support@darkglass.com) before shipping a product to us.

## Controls

**Master:** Whereas the Level Knob controls the output of the overdrive section the Master volume adjusts the overall volume of the unit. Ideal for fine tuning the output on clean mode. It also serves as a DI level control.

**Blend:** Mixes the clean and processed signals. The clean signal remains at unity gain while the volume of the overdriven signal is set by the Level knob, allowing for fine mix tuning.

**Level:** Sets the volume of the overdriven signal.

**Drive:** Sets the amount of gain in the overdriven signal.

**Attack Switch:** Sets the amount of treble content to saturate: The "Boost" setting emphasizes the treble content extra clarity and presence. The "Flat" position leaves this register untouched while the "Cut" position will reduce the amount of high frequencies being saturated.

**Grunt Switch:** Sets the amount of low frequency content to saturate by selecting between three different bass boost levels before the clipping stage.

**Bass:** +-12dB @ 100Hz | **Lo Mids:** +-12dB switchable 250Hz, 500Hz and 1kHz | **Hi Mids:** +-12dB switchable 750Hz, 1.5KHz and 3kHz | **Treble:** +-12dB @ 5kHz.

**Direct Output:** A balanced version of the ¼" output, useful for running into PA's or studio mixing consoles.

## Technical Specifications

Input Impedance	500k
Output Impedance	1k
Current Consumption	~28mA
Voltage	9V DC (Center Negative)

### Dimensions

Width	125 mm (4.92 in)
Height	96 mm (3.77 in)
Depth	57 mm (2.24 in)

Weight	430 g (0.94 lb)
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## Disclaimer

In the interest of continuous improvement, specifications are subject to change without notice. If you have any questions, please don't hesitate to contact us at [www.darkglass.com](http://www.darkglass.com)

The manufacturer claims that the above product fulfills the requirements as set by EN55013, EN55020, EN60555-2, EN60555-3, RoHS, WEEE.

## **EMC / EMI**

This equipment has been tested and found to comply with the limits for a Class B Digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installations.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



**DARKGLASS ELECTRONICS OY.**  
Helsinki, Finland  
[www.darkglass.com](http://www.darkglass.com)