



MICROTUBES X
USER MANUAL



LEVEL

DRIVE



LOW PASS f

HIGH PASS f

OUTPUT

INPUT



9VDC
⊖ ⊕

MICROTUBES X
DARKBLASS ELECTRONICS - MADE IN FINLAND

Microtubes X

The Microtubes X series brings the studio method producers have been using the years to cover the whole bass distortion spectrum: from articulate high gain to punchy mild overdrive, raw and gnarly fuzz and everything in between.

You now have absolute control in constructing your vision of what the perfect bass distortion texture, definition, and size should have.

Controls

High-pass frequency: Controls the cutoff frequency to be distorted, ranging from 100Hz (for thicker, fuzzier saturation) or 1kHz for ultra-sharp definition.

Low-pass frequency: Controls the cutoff frequency to be mixed back to the high-pass side. Ranging from 50Hz (for only sub-bass) and 500Hz to preserve some clean mids.

Level: Sets the overall output volume of the unit.

Drive: Sets the amount of distortion for the high pass side.

Mix: Sets the blend between low-pass and high-pass signals.

Mids: Active mid control placed after the Mix control. $\pm 12\text{dB}$ @ 500Hz.

Input: 1/4" connector for the instrument.

Warning

The Microtubes X 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 before shipping a product to us.

Technical Specifications

Input Impedance	1M Ω
Output Impedance	1k Ω
Current Consumption	30mA
Voltage	9V DC (Center Negative)

Dimensions

Width	75 mm (2.95 in)
Height	111 mm (4.37 in)
Depth	43 mm (1,77 in)
Weight	250 g (0.55 lb)

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

The manufacturer claims that the above product fulfils 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.



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