



H Y P E R L U M I N A L
H Y B R I D C O M P R E S S O R
USER MANUAL

Hyper Luminal

Hybrid Compressor

The Hyper Luminal Compressor features the first hybrid design in a compressor pedal: an analog VCA controlled by a digital side-chain allowed us to capture and include the characters of some of the most legendary compressors in history while keeping the signal path completely analog.

BUS: Modeled after the Solid State Logic® Bus Compressor.

FET: Inspired by the legendary 1176®.

SYM: Our discontinued Super Symmetry · 115 GeV Compressor.

Controls

Blend: Mixes the clean and effected signals. Unlike our distortions, it is placed before the Output control. So the Hyper Luminal can also be used as a transparent booster with this control at minimum.

Time: Sets the time constants (Attack and Release). You can use the Darkglass Suite to fine tune and custom map the time constants, you can also assign different behaviours for each Mode.

Compression: Sets the overall amount of compression. This control also affects the internal makeup gain.

Output: Sets the overall output volume of the unit.

By simply touching the through-metal sensors, you can select the unit's **Mode** (BUS, FET, or SYM), and adjust the amount of compression **Ratio**.

As for I/O, the Hyper Luminal Compressor features:

Input: 1/4" connector for the instrument.

Output: 1/4" connector for the amplifier or next effect in the chain.

9VDC: Center negative, 250mA, 9VDC only. The Hyper Luminal doubles the operation voltage internally to 18V for extra headroom. Supplying voltages above 9VDC might damage the unit and void the warranty.



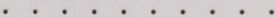
BLEND

TIME

OUTPUT

COMPRESSION

GAIN REDUCTION



OUTPUT

RATIO

BUS

SYM

FET

MODE

INPUT



9VDC



HYPERLUMINAL

HYBRID COMPRESSOR

USB: A Micro USB B connector allows you to connect the pedal to PC/Mac to set Time settings, parameters, and future firmware upgrades via the Darkglass Suite.

Warning

The Hyper Luminal Hybrid Compressor has a current draw of 250mA. 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	250mA
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.

1176®, and SSL® are registered trademarks of their respective companies. Names of factory modes are intended for descriptive purposes only and should not be construed as an endorsement or affiliation with the companies or products named.

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