



2HP vactrol LPG

Manual V1.0

This module in 2HP format offers a well-known distortion effect to "dirty" the sound, in an analog circuit...

In the 1950s, guitarists in perpetual quest for new sounds, had fun pushing the volume of the amps to saturate the sound...

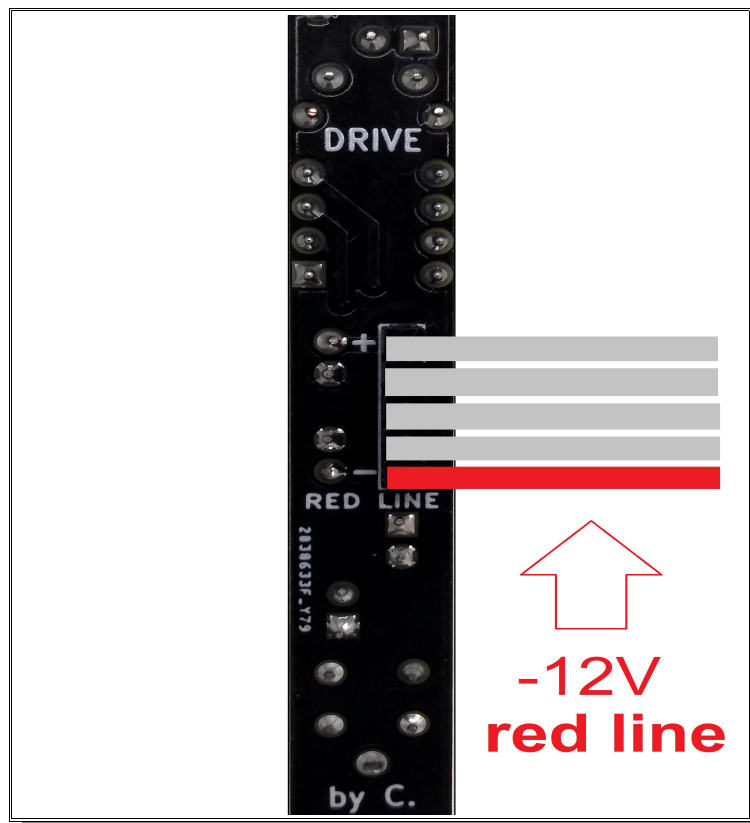
Quickly, pedals made it possible to find this sound and today, it is an effect that has become essential (in different forms, fuzz, overdrive, distortion, etc...)...

The DRIVE (distortion) module of ph modular offers, dosed in a subtle or extreme way thanks to its level potentiometer, a distorted sound, quite aggressive...

Connecting the ribbon cable

! Be careful to always respect the connection direction of the tablecloth: by convention, the colored part (usually red / pink) of the ribbon represent **-12V** !

Note : on all PCB — ph —, the -12V « red line » is screen printed near the power connector.



Presentation



- 1: Drive metering potentiometer
- 2: 3.5 jack input
- 3: 3.5 jack output

red potentiometer

A signal entering IN comes out in processed OUT. The effect is very subtle from 0% to 50%, then becomes more and more audible up to 100%.
Be careful, even if the potentiometer is at 0, the signal passing through the Drive module appears colored, slightly altered.

Very effective on bass drums, leads, etc...

Characteristics

Size 2hp (1cm), epoxy black panel 1,6 mm.

Deep : 25mm with connector (skiff friendly).

PCB in epoxy FR4 dual layer, 1,6 mm. Surface finish HASL.

Ribbon cable, M3 and nylon nuts inc.

Consumption : ~10 mA (+12V) / ~10 mA (-12V)

Components tested and assembled by hand, in Brittany, France.

*thank you for your trust
Feel free to give me your opinion, criticism or wishes ...
Other modules are coming*

mail : phneutre56@gmail.com

<https://phmodular.com>