

ANALOGUE

EXTENSIVE - Filter -

SINCE 2012

★ Tips & Notes ★

- When using a guitar, 1 pole is maybe your best choice, especially if you add a lot of drive in the mix.

- Resonance self-oscillation wave changes through poles.

WARNING: be careful when self-oscillating the circuit as the output level is dramatically increased.

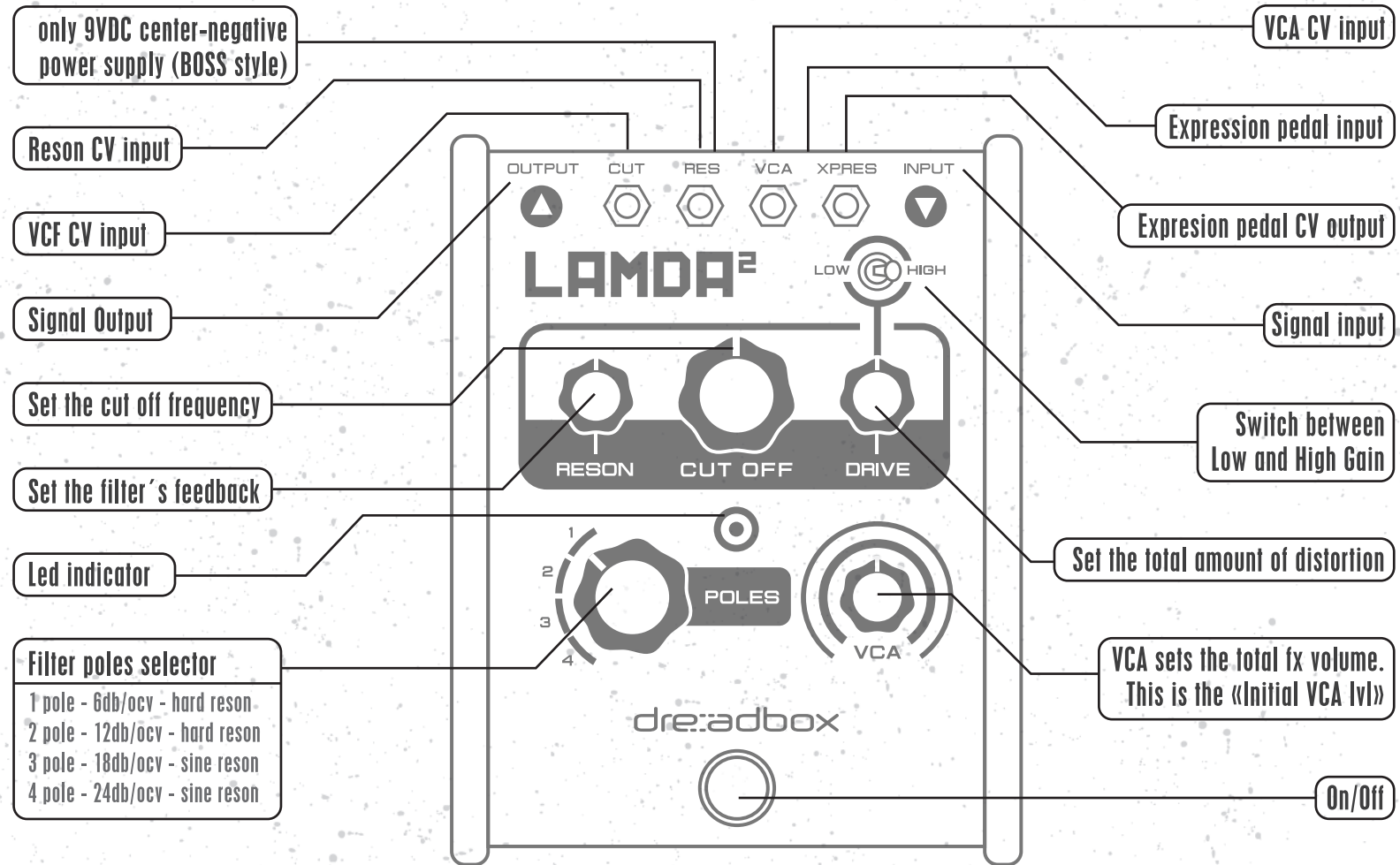
- To use the VCA CV input successfully you need to have the VCA lvl at low. Note that the VCA CV input is not a filter for hard waves. This allows for some audio FM modulations but limits the low frequency reliability.

★ Specifications ★

- CUT INPUT: +/- 5V optimal, max +/- 9V
- RES INPUT: 0-5V optimal, max +/- 9V
- VCA INPUT: +/- 5V optimal, max +/- 9V
not filtered for square waves
(it will produce pops)

- XPRESS OUT: 0-5V
- Resonance self-oscillation output
at max VCA Level
 - 1 pole: 5Vpp 2 pole: 4Vpp
 - 3 pole: 3Vpp 4 pole: 2.5Vpp

1-4 POLE LOW PASS FILTER / SELF-OSCILLATING RESONANCE / ARMED WITH AN OTA VCA
OVERDRIVES SIGNALS INTO ITS FILTER / EXPRESSION PEDAL TO CV CONVERTER



dre:adbox