

# ZERO FIVE AUDIO

## LOWRIDER - User manual - Quick start guide

Hi ! Thank you for your purchase ! Here are some guidelines to help you start using your new pedal.

The Lowrider is an equalizer pedal, reproducing the famous Pultec Trick, applied by sound engineers on countless records, using the legendary studio tube EQ Pultec EQP-1A.

The EQP-1A allows you to boost or cut the low-frequencies, and the Trick happens when doing both at the same time ! The center frequencies of the boost and the cut circuits are slightly shifted, creating a unique EQ curve. The low-end part of the original unit's passive EQ stage has been precisely recreated and configured to apply the famous Trick, with the addition of one extra frequency, and two special settings.

About controls, they have been simplified to the maximum. Less time on knobs, more time playing ! That is what I had in mind when designing the circuit.

The INTENSITY lets you adjust the amount of low frequencies boost.

The VOLUME lets you adjust the output volume of the pedal (unity is at 12 o'clock).

The CPS (Cycles Per Second) is the most important setting. It sets the EQ curve that will be applied, and the central frequency of the boost.

The central 30 and 45 are the classic settings for bass and low-end oriented instruments (Baritone, Synth, drums...).

The 60 and 100 apply a higher and broader boost, suitable for every instrument that need more low frequencies impact, without overwhelming the rest of the band ! Works very well on mid sounding basses (bridge pickups, rickenbackers), guitars (great for picking, baritone, fuzz...), etc.

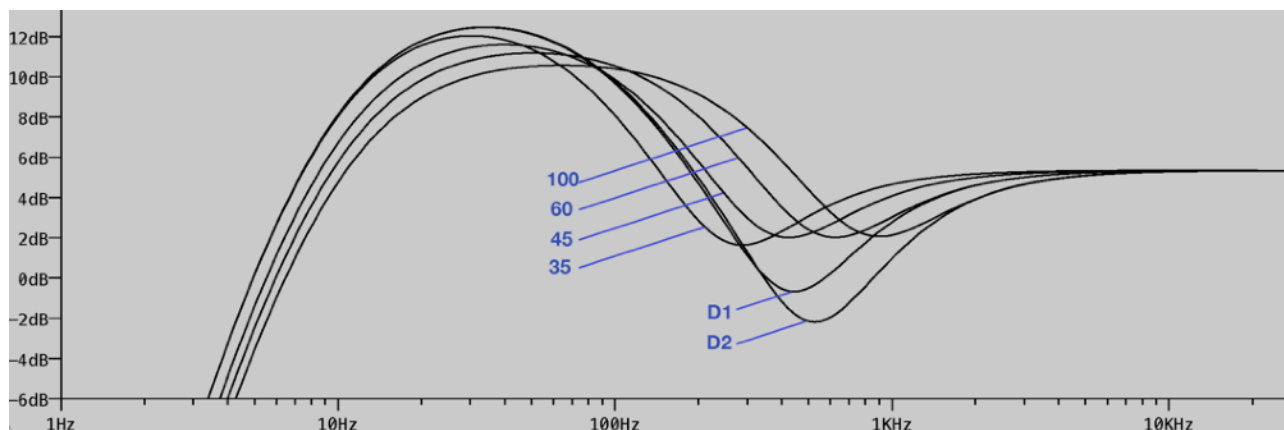
D1 and D2 are special settings, that the original machine does not offer, and D is for DEEP !

The center frequencies of the boost are the classic 30 (D1) and 45 (D2), but the cut is much deeper than on the 30 and 45 settings. These curves are meant to obtain very deep sounding instruments.

They also work great to keep a nice low-end when practicing at low volume, or recording or playing through a DI.

If you like those settings when playing alone, and feel that you lack a bit of presence when playing with the band, do not hesitate to switch back to the corresponding 30 or 45 setting to regain some mid frequencies.

QUICK START : with both pots at 12 o'clock, start playing with the CPS selector to find the right curve !



The Lowrider runs on the standard 9V center negative power supply. If you need more headroom, you can also apply a 18V center negative.

I don't think that presets are necessary for that pedal, as it is fairly simple to use, and I configured the settings so that it is hard to go wrong !

To avoid any pops that could occur when using the pedal for the first time, it is good practice to empty the filter condensators, by going one time through every position of the CPS selector before turning up the volume.