

Barber Launch Pad Manual

The Launch Pad provides a high headroom clean boost, balanced DI, a/b switcher, tuner router/switch, phase corrector, parallel signal driver, buffer, high to low/medium impedance matcher.

Controls (**volume -**) adjusts final output level to negative phase output (**Volume +**) adjusts positive phase output level and is the main output for standard boost functions (**Sensitivity**) this control sets the gain of the Launch Pad in relation to the input signal, higher settings give a larger output and lower setting give a lower output.

For Standard high headroom **Clean boost**- set the controls as follows, set both of the volume control to full up position, then use the sensitivity control to set the amount of boost you want, it is important to keep the volume controls set as high as possible for highest headroom from the Launch Pad. Use the (+) output to feed your amp.

For **Buffer** operation- set the sensitivity control to minimum level and adjust the (+) volume control to a level that matches your bypass signal, this is what it should be unity (signal sounds the same level when you use the bypass switch as when you have the Launch Pad engaged. Use the (+) output to feed your signal chain.

DI- To use as a direct interface to recording or mixing equipment (or any balanced input) set both volumes to full up (this is VERY important!) then use the sensitivity control to set the output level you desire, be sure to use a 1/4" TRS plug from the (+) output jack.

A/B switcher - Set the Launch Pad to switch between channels or amps by turning the (+) volume to minimum and the (-) volume to full maximum. Send the (-) output to one channel/amp and the (+) output to the other channel/amp. Set the sensitivity to minimum if you want the (-) output to act at the same level as your input. If you want to attenuate the (-) output you can turn the (-) volume down; if you would like to add volume to the (-) output you can turn the sensitivity up. The (+) output will pass signal when the light on the Launch Pad is off, the (-) output will pass signal when the Launch Pad light is on.

Tuner routing/switching-set the Launch Pad as desired for clean boost or buffer operation, send the (+) output to your amplifier/mixer then run your tuner from the (-) volume and (-) output jack you can set the (-) volume to give your tuner a signal that helps it track even better than your direct pickups!

Phase Corrector-This function can be used to run classic Blackface and Top Boost British amp with channels in parallel for a much richer sound. These amps have two channels that are normally out of phase with each other; without phase correction players could not *combine* channels. Set the (-) and (+) output levels of the Launch Pad fairly high for lowest noise and highest headroom; these can be used to set the level/balance you want for each channel of your amp. Use the sensitivity control to set the amount of overall boost you would like from the Launch Pad.

Impedance matcher- The Launch pad will match your high impedance instrument to medium/low impedance devices, just set the (+) volume to maximum and connect the (+) output to your desired input (mixer, studio grade compressor/eq), then use the sensitivity control for the best output.

Note: For best noise and headroom you should set your volumes maximum and sensitivity only as high as needed, the volumes enable you to create balance when using two outputs and to achieve some attenuation if needed. It is also fine to use lower volume settings if you prefer the sound.

Use **only 9 volt negative tip (center)** power adaptors or damage will result, these are available at most music stores. 9 volt alkaline battery can also be used.

Feel free to call Barber Electronics with questions 717-630-9191
www.barberelectronics.com

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