

## INTERNAL CONTROLS

### DIRT

Lets you set the amount of your clean signal from 100% ccw to 0% for overdriven sound only.

### Q

Sets the bandwith of the Mid-EQ from wide (ccw) to wah-wah-like narrow (cw).

## TECHNICAL SPECS

DC-Supply: 9V maximum (center negative, standard barrel)

Current Draw: 30 mA

Input-Impedance: 1 MEG

Output-Impedance: 10 K

## SAFETY INSTRUCTIONS

This device is intended to be used for sound processing of signals from musical instruments. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

## OPERATING CONDITIONS

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

## EXTERNAL POWER SUPPLY

Use only with 9V power supply. Failure to do so could result in damage to the device and possibly the user. Unplug the external power supply before electrical storms occur and when the device is unused for long periods of time to reduce the risk of electric shock or fire.

## WARRANTY

We offer a 5-year warranty. The warranty expires immediately if the product is changed, operated incorrectly, intentionally or negligently damaged, or if it is damaged by force majeure or use beyond the permitted operating conditions.



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# INSTRUCTION AND WARRANTY

# LOGAN TRANSCEND DRIVE

BUILD TO TRANSCEND  
YOUR BOUNDARIES OF OVERDRIVE



Take a walk in the gritty dirt and breathe in the crystal-clear mountain air, exactly as Logan once did on his journey to glean the beauties of both nature and mankind. Once you hear Logan's sweet and graceful sounds you will be driven to find your own way into the transcendental tone kingdom. So plug-in and let Logan guide you into a new era of overdrive.

Logan is made to transcend the well-known boundaries of overdrive. It doesn't matter if you are looking for a pre-amp, a low/mid-gain drive or a screaming resonant cocked-wah sound, Logan will deliver all the gainy goods. Combined with our active 3-Band EQ, including a fully parametric Mid-EQ with a separate On/Off-Footswitch, Pre or Post Gain position-switch and an expression-in for hands-free filter sweeps, Logan is sure to deliver great tones and outstanding flexibility.

Yeah, yeah, we know... yet another overdrive pedal! Does the world really need more of them?

Well, in the case of Logan, we honestly believe the answer is a resounding YES! Otherwise we wouldn't have spent over a year conceptualizing, designing and perfecting Logan in order to give the world a drive pedal that will add immense tonal dimension and flexibility to anyone's setup, all while preserving the natural characteristic and feel of your beloved instrument.

Logan's gain structure is carefully balanced for an open and super touch-responsive drive tone, giving you and your instrument ample room to be expressive.

There's a true fire raging under the embers here, one that allows you to add more hair, grit and sizzling depth as you pile on the gain, making Logan fit for anything from clean boost, amp-like breakup, indie clang to full-on rock machine. It also sports an impressively high-headroom-design (up to 25 dB), enabling you to use Logan as a very versatile pre-amp too.

But what truly pushes Logan over the edge is its 3-band active EQ. The Bass and Treble EQ knobs are able to both boost or cut your signal by around 15 dB. Beef up thin-sounding single coils, add some chime to chunky humbuckers or get rid of boomy bass frequencies, when changing from a sweet 2x12 to a fat 4x12 cabinet.

The tonal flexibility is even further extended by Logan's fully parametric Mid-EQ section. The MID control lets you set your preferred mid frequency between 100 Hz to 2.5 kHz, while the CUT/BOOST control lets you cut or boost the selected frequency by up to 12 dB.

Logan even sports a dedicated footswitch to activate or deactivate the Mid-EQ and a position-switch which lets you place it either before the main gain-stage (PRE) or after it (POST), opening up a whole world of tonal possibilities.

Then there's the kicker! You can take complete hands-free control of the Mid-EQ Frequency via a regular expression-pedal. This lets you make instant tone changes on the fly, as well as unleash everything from fast and quacky wah-like sounds to slow and enveloping phasery filter sweeps. You'd think the feature-well would have run dry by now, but no, there's even more cool sonic secrets under the hood. The pedal has been set at the factory to sound stellar right out of the box, however some people might want to tweak some more options to taste.

Via a hole in the base plate, you get direct access to an internal trim-pot to set the bandwidth (Q) of the Mid-EQ. Turn it counter-clockwise for a broad bandwidth, for smooth frequency sweeps or turn it completely clockwise for really resonant sounds.

Removing the base plate will reveal a second trim-pot, which enables you to blend in your clean signal with the overdriven tone, making Logan transcend the world of guitar. Bass? Drums? Synths? Vocals? Bring it on! This pedal will handle it all.

Logan really is an all-in-one overdrive solution and trust us, once you plug in you'll never want to turn it off again!

## CONTROLS

### LEVEL

Sets the overall output level. Logan has plenty on tap to push your amp hard, even on low drive settings.

### DRIVE

Sets the amount of overdrive.

### M - C/B

Cut or boost your mid frequencies +/-12 dB.

### M - FREQ

Defines the center frequency of the mids between 100 Hz to 2.4 kHz.

### LOWS

Active bass control to boost or cut your low end (+/-15 dB).

### HIGHS

Active treble control to boost or cut your high end (+/-15 dB).

### PRE-/POST POSITION-SWITCH

This lets you decide where to place the parametric Mid-EQ in the circuit. PRE lets you crunch your mids even more for a really saturated tone, while POST will give you a level boost and make your selected mid frequency more present.

## FOOTSWITCHES

### MIDS

Activates/Deactivates the Mid-EQ section. Perfect for a solo-boost, more pronounced rhythm tone or to change between scooped and flat mids etc.

### ENGAGE

That's the main bypass switch to activate and deactivate Logan

## JACKS

### IN/OUT JACKS (▼▲)

Input jack (top-right) and Output jack (top-left).

### EXPRESSION JACK (EXP)

Plug in your TRS expression pedal here to sweep through the mid-EQ frequencies, like when using a Wah-Wah pedal. We recommend the MOOG-EP3 or any other expression pedal with the same TRS-combination. DO NOT PLUG IN A CV connection – it won't work.