

MANTRA

overdrive.



REFERENCE & OWNER'S MANUAL

★ **blackout effectors** ★

AUDIO EFFECT PEDALS | HANDMADE WITH PRECISION & BALLS

MANTRA

.overdrive.



MANTRA OVERDRIVE by BLACKOUT EFFECTORS:
equally capable of invoking the sacred sounds of a classically refined overdrive AND summoning wickedly raunchy drive, with more crunch on tap than the "overdrive" moniker usually entails.

With a wide palette of colors from low gain through heavy o'erdrive, the MANTRA will feel just as at home at the feet of the stalwart blues crowd as it will the quintessential rock & roll protagonists.

The MANTRA utilizes amp-like circuit architecture, with multiple cascaded MOSFET and JFET gain stages to insure the most natural, touch-sensitive overdrive conditions possible and a seemingly endless range of clean-up with your guitar's volume knob. Comprised of all discrete transistors/components and absolutely NO diode clipping, the MANTRA is genetically far removed from the run-of-the-mill overdrive fare and the sonic difference is clear.

We burned a lot of midnight oil to make sure that the MANTRA could get down with vintage-type, low output single coils and hot humbucker pickups alike. From gently fingerpicked melodic phrases to bludgeoning riffs that you'll want to play over and over and over...

TONE CONTROL (see graphic below):

Utilizing an extremely flexible Baxandall-style EQ circuit, the MANTRA can be effectively paired with mid-scooped Fender-type amps and mid-heavy Marshall-type amps.

☉☉ With both Bass & Treble knobs at noon, the MANTRA has a flat frequency response.

☺☺ With both Bass & Treble knobs all the way up, the MANTRA has a pronounced mid-scooped frequency response, centered around 1 KHz. There's brightness and low-end to spare to compensate for pickup types, so dial back both to taste. Extra gain and crunch can be achieved as the tone knobs pass noon and paired with some tasty humbuckers, this setting will become your personal mantra for achieving riff nirvana.

☹☹ With both Bass & Treble knobs all the way down, the MANTRA has a mid-emphasized frequency response, centered around 1 KHz. Unlike a lot of other overdrive pedals, we've made the entire range of tone controls usable - including having both tone knobs all the way down. This setting provides a smooth top-end for some really creamy, slightly less overdriven tones.

TECHNICAL SPECS

POWER:

* 9-18V DC

CONNECTIONS:

- * input/output jacks (1/4" mono jacks)
- * power jack (2.1mm, barrel-type, negative center DC jack)
- * no battery connection provided

CIRCUIT BYPASS:

* true no-loading, mechanical bypass

CURRENT DRAW:

* less than 50mA current draw

MANTRA EQ CIRCUIT (BAXANDALL)

