

# Crossfire

Crossfire reflects one of the most classic pedal-amp combinations in guitar history!

The green mid-hump overdrive we've all grown to love meets a blackface amp with beautiful rich cleans.

We chose to accurately recreate the circuit of the classic overdrive but with the addition of some of the most common modifications seen throughout the years. A clipping toggle switch selects between symmetrical (original) or asymmetrical type of clipping. Asymmetrical clipping offers enhanced touch-sensitive drive characteristics. A gain toggle adds more gain and alters the low frequency response. An internal switch offers additional headroom by providing 18V DC to the circuit.

An all-analog circuit following the path of a blackface tube amplifier offers authentic amp tone and feel. True to the last detail we have included the full EQ section with the tonal signature of glassy and slightly mid scooped cleans. A headroom switch selects between a high headroom solid state rectified 4x6L6 power amplifier, or the lower headroom and sag provided by tube rectification and lower wattage of a 2x6L6 power section.

A passive effects loop gives you the option to connect your beloved pedals between your overdrive and amp in a box, building your ideal rig.

Controls:

## OVERDRIVE:

**gain:** controls the amount of drive

**tone:** controls the tone, brighter as you turn clockwise

**volume:** controls the output volume

**clipping toggle:** selects between asymmetrical or symmetrical clipping

**gain toggle:** boosts gain in the upper (MORE) setting

**internal headroom switch:** selects between 9 or 18V DC operation of the OVERDRIVE

## AMP:

**gain:** controls the amount of clean gain

**volume:** controls the output volume

**treble:** adjusts the amount of high frequencies

**mid:** adjusts the amount of mid frequencies

**bass:** adjusts the amount of low frequencies

**headroom toggle switch:** selects the amount of headroom. HIGH setting offers the most clean headroom.

**bright toggle switch:** boosts high frequency response.



**Notes:**

- Like in the original amp design, bright switch is dependent of the clean gain setting. The effect of the bright switch is diminished when the clean gain is set full clockwise.
- AMP section does not feature a full speaker simulation circuit. It is intended for use with another amp to give a blackface vibe. We recommend to use a separate speaker simulation device when going direct.

↓/↑: mono instrument input/output.

**SND/RTN:** connect your beloved pedals between OVERDRIVE and AMP.

OVERDRIVE and AMP sections are true bypass via high quality relays. Anything connected to the fx loop will not see any additional passive or active circuit when both sections are in bypass mode.

**Power supply:** 9V DC center negative, regulated / stabilized. Max current consumption 83mA

**Warning:** This unit was designed for 9V DC input only. Do not use higher voltage power supply.

**Warranty:** Crossfire comes with 5 years warranty from date of manufacture. We will provide service/repair at no cost within 5 years from date of manufacture - buyer is responsible for shipping costs or customs fees and taxes that may apply. This warranty excludes damages done due to misuse or improper handling.

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