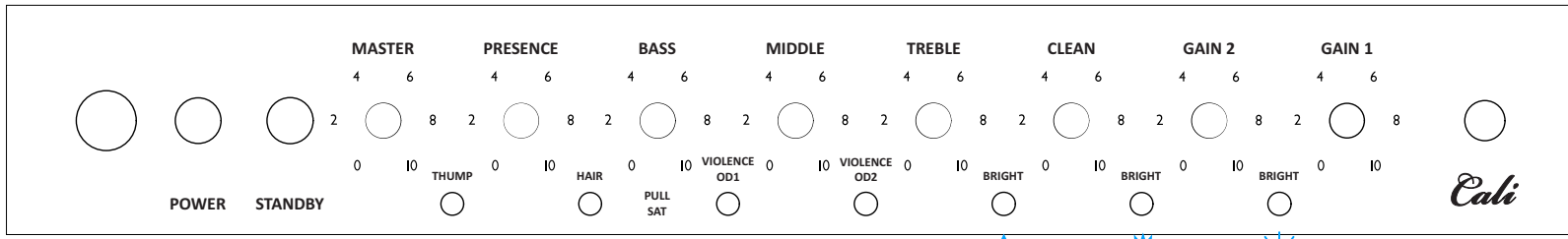
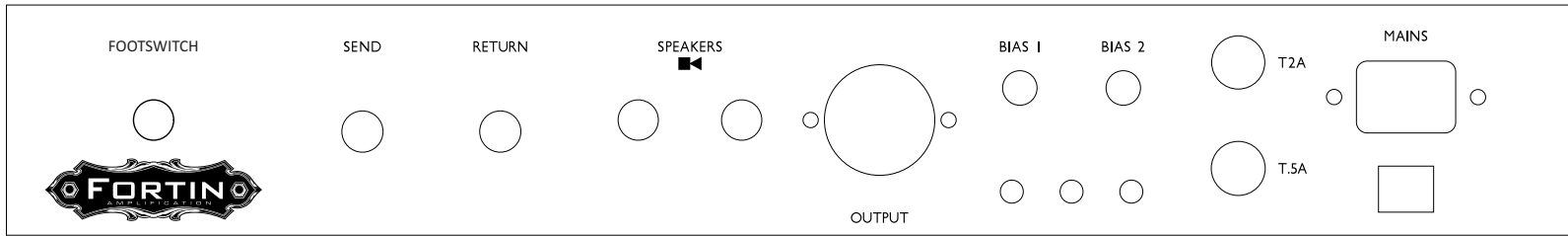




Cali Blackout 50w Amp



The CALI is an all-tube, 50 watt, 3-channel amplifier, that brings you sweet lush cleans to crushing gain brutality. The CALI features a clean channel, and two gain channels that have assignable VIOLENCE 4th gain stage from the FORTIN KILLER KALI ++ that can be added to either overdrive channels for more searing gain. The CALI is an extremely versatile amplifier, with a nod to vintage British voicing, that also puts forth the blistering modern high-gain tones we are known for delivering. Given the high-demand for the Cali and KK++ mods in the past, we wanted to cover all the best features in a single 3-channel amplifier, making it ideal for live use, smaller/lighter-weight format, and all the best features from all the variations.



Cali front panel overview (right to left)

INPUT: Where you connect your instrument.

GAIN 1 (inner concentric): Sets the input gain for OD1 and works with GAIN 2 OD1. OD1 has a hardwired bright cap that makes it edgier compared to OD2 if not set to max.

GAIN 1 (outer concentric): Sets the input gain for OD2 and works with GAIN 2 OD2.

☀️ **BRIGHT :**3-way bright switch for GAIN 2 OD1 high frequency boost that becomes less active as the gain control is increased and allows you to select 2 different cap values with the center position no bright cap. Working both GAIN 1 and GAIN 2 pots for OD1 in different position with all the combinations of the bright switch positions gives you a plethora of options to tailor your tone.

GAIN 2 (inner concentric): Sets your 2nd gain for OD1 with a dedicated 3-way BRIGHT switch. Settings 12 o'clock and below will can cause high frequency top end distortion if the BRIGHT switch is engaged.

GAIN 2 (outer concentric): Sets your 2nd gain for OD2 with a dedicated 3-way BRIGHT switch. Settings 12 o'clock and below will can cause high frequency top end distortion if the BRIGHT switch is engaged.

☀️ **BRIGHT:** 3-way bright switch for GAIN 2 OD2 high frequency boost that becomes less active as gain control is increased. Working both GAIN 1 and GAIN 2 pots for OD2 in different position with all the combinations of the bright switch positions gives you multiple options to tailor your tone.

CLEAN: Sets your clean channel level. This channel will dirty up a bit after 2 o'clock and even more with the global SAT switch pulled on the BASS control. This channel also loves boost pedals.

☀️ **BRIGHT:** 3-way bright switch for CLEAN high frequency boost that becomes less active as gain control is increased. Working the CLEAN pot in different position s with all the combinations of the bright switch positions gives you tons of options to tailor your tone.

TREBLE: Passive interactive high frequency equalization for all channels.

VIOLENCE OD2: Adds an assignable 4th tube gain stage for OD2 channel.

MIDDLE: Passive interactive midrange frequency equalization for all channels.

VIOLENCE OD1: Adds an assignable 4th tube gain stage for OD1channel.

BASS w/ PULL SAT: Passive interactive low frequency equalization for all channels. PULL SAT is global saturation for more gain and compression. It is normal for the sound to drop a bit. In the CLEAN channel, the SAT does not affect the CLEAN channel until 2 o'clock and beyond on the CLEAN gain control. This way you can set up your

CLEAN channel as clean or crunch with the SAT pulled and higher than 2 o'clock settings.

HAIR: 3-way select switch for negative feedback power amp control of high frequency interaction between amplifier and speakers.

PRESENCE: Power amp control of high frequency variable feedback.

THUMP: 3-way select switch for power amp control of low frequency interaction between amplifier and speakers.

MASTER: Outer concentric is for CLEAN, inner concentric is for OD1 & OD2.

STANDBY: Pre-heat for tubes, down engages the amp to operate.

POWER: Down position engages the mains to the amplifier.

INDICATOR: NOS Avionics light with adjustable brightness by turning the bezel.

Cali rear panel overview (right to left)

MAINS: Input to connect wall power.

VOLTAGE: Switchable between 120VAC and 240VAC operation.

MAINS FUSE: T2A fuse for 120VAC, T1A fuse for 240VAC.

HT FUSE: T.500mA fuse for high voltage.

BIAS 1 & BIAS 2: on the back panel allows you to set the bias of output tubes. It is currently set to 32mV per tube. Use a Digital Multimeter. When changing tubes, always start by turning the BIAS 1 and BIAS 2 pots fully counter-clockwise, a speaker load connected, and MASTERS set to zero. As you turn the BIAS 1 and BIAS 2 pots SLOWLY clockwise, the tubes with starting drawing current. Jump back and forth between the two output tubes and bring them up together.

OUTPUT: Selects the output impedance to match your speaker cabinet 16/8/4 ohms.

SPEAKER: Jacks to connect your cabinet. Jacks are wired in parallel.

RETURN: Series effects loop return.

SEND: Series effects loop send, instrument level.

FOOTSWITCH: Connect 1/4" TRS footswitch for control of the 3 channels. First button switches between CLEAN & OD2, Second button engages OD1. For remote switching, here is the truth table: OD1 = tip open, ring open, OD2 = tip open, ring short to ground, CLEAN = tip shorted to ground, ring open.