

## Controls Instructions

# Canyon Drive

The Soundroads Amplification Canyon Drive is a remarkable amplifier that draws inspiration from the legendary Dumble O.D.S., one of the most revered boutique guitar amps ever created. With its expertly crafted design, the Canyon Drive captures the magic and alchemy sought after by musicians in the world's finest high-gain amps, delivering an extraordinary range of tones and textures.

The clean channel of the Canyon Drive exudes analog warmth, offering a full and rich sound without sacrificing brightness. Unlike classic Blackface-era amplifiers, this channel features a reduced midrange scoop, a broader bottom end, and sweet melodious highs. It allows for a gradual and smooth transition into mild clipping, producing a fat, singing, and highly detailed overdrive. This amp responds dynamically to your playing, bringing out the nuances and complexities that enhance your musical expression.



Embark on a remarkable journey with Soundroads Amplification and experience the unique and versatile playing experience offered by Canyon Drive.



- (1) **PRESENCE:** Adjusts the high-frequency response of the power amplifier using negative feedback. Use this control to add sparkle and clarity to your tone.
- (2) **MASTER:** Sets the overall volume of your amplifier.
- (3) **RATIO:** Serves as a volume control for the overdrive channel. It balances the volume of the overdrive channel with the clean channel since there are no individual master volume controls.
- (4) **LEVEL:** Adjusts the amount of gain and distortion in the overdrive mode.
- (5) **BASS:** Adjusts the low frequencies for both clean and overdrive modes.
- (6) **MIDRANGE:** Adjusts the mid-frequency response for both clean and overdrive modes.

(7) TREBLE: Adjusts the high-frequency response for both clean and overdrive modes. At near-maximum settings, it may also increase the gain.



(8) EQ 1 & 2: Adjusts the amplifier's overall frequency response and voicing. EQ 1 has a fatter midrange and a deeper, spongier bottom end, while EQ 2 tightens the bottom end and adjusts the midrange contour, offering a more precise and focused response. Toggle the switch up for EQ 1 and down for EQ 2.

(9) MID BOOST: Boosts the midrange frequencies, adding fatness to your tones. It can be used in both clean and overdrive modes and is particularly effective with the overdrive mode.

(10) VOLUME: Adjusts the signal strength coming out of the tone stack and going into the second tube stage. It primarily serves as a gain control for the clean channel but also affects the overdrive mode.

(11) BRIGHT: Adds a high-frequency boost to add sparkle to your tone in both clean and overdrive modes. The boost is more prominent when the volume is turned down. Use the three-position toggle switch all the way up or all the way down to select one of the two bright caps. The mid-position disengages both caps.

(12) OD TRIM: Located on the back of the amplifier, this control adjusts the signal strength sent to the first tube in the overdrive channel. Lower settings yield touch-sensitive, lower-gain sounds, while higher settings provide greater compression, gain, and harmonic complexity. Start with the control between 10:00 and 12:00 and experiment to find your desired tone.

## Preamp Boost (PAB) Instructions:

(13) PAB Activation: When the blue light on the PAB is on, it bypasses the tone stack to provide a volume boost.

Tone Adjustment: Use the EQ Switch and/or the Bright and Mid switches to adjust the tone when the PAB is activated.

Note: When using the PAB, the adjustments made to the tone stack will have minimal effect. The PAB primarily focuses on volume boost rather than tonal modifications.

## EQ Switch 1 and 2 Instructions:

(8) EQ Switch Purpose: The EQ switches, EQ Switch 1 and EQ Switch 2, are designed to modify the overall voice or tonal character of the amplifier.

(14) Overdrive Channel Controls: Depending on your selection of EQ Switch 1 or EQ Switch 2, it will impact the following controls within the Overdrive channel:

- OD Trim (located on the back of the amplifier)
- Level
- Ratio
- Volume

Interaction and Balance: Keep in mind that these switches interact with each other when the Overdrive channel is engaged (indicated by a red light). Additionally, the ratio control helps balance the volume when transitioning from the clean channel to the Overdrive channel.

Explore the different settings of EQ Switch 1 and EQ Switch 2 to discover the diverse tonal possibilities offered by your amplifier. Experiment with various combinations to find your desired voice and balance between the clean and Overdrive channels.

*Note: that the specific effects of EQ Switch 1 and EQ Switch 2 may vary depending on your amplifier model.*

## Overdrive Channel Instructions:

Engage the Overdrive channel (14) on your amplifier.

**Signal Chain Placement:** The Overdrive channel is inserted after the preamp stage and just before the power amplifier stage.

**Adjust Gain:** Use the dedicated gain control for the Overdrive channel to adjust the desired level of overdrive or distortion.

**Tone and Volume:** Adjust the specific tone and volume controls for the Overdrive channel to shape your desired sound.

**Independent Operation:** The Overdrive channel operates independently of other channels on the amplifier.

(12) OD Trim (located on the back of the amplifier): This control adjusts the signal strength sent to the first tube in the Overdrive channel. Lower settings result in touch-sensitive, lower-gain sounds, while higher settings provide more compression, higher gain, and increased harmonic complexity. Start with the control between 10:00 and 12:00 and experiment to find your desired tone.

(4) Level: The Level control determines the signal strength coming out of the tone stack and going into the second tube stage. It primarily acts as a gain control for the clean channel, but keep in mind that it also impacts the Overdrive channel.

(3) Ratio: The Ratio control is responsible for balancing the volume when switching from the clean channel to the Overdrive channel. This ensures a smooth transition between the two channels, and its effect can vary depending on the specific selection of EQ Switch 1 or EQ Switch 2.

It is important to note that these controls may interact and have different effects depending on whether you are using the clean channel, the Overdrive channel, and the volume level. The ratio control, in particular, helps maintain an appropriate volume balance during the switch from clean to Overdrive.

Take the time to experiment with these controls to discover your desired tone and achieve the perfect balance between your clean and Overdrive channels. Enjoy exploring the versatile range of sounds that your amplifier can deliver.

*Note: The effects of these controls may vary depending on your specific amplifier model.*

## Specifications:

- Power Output: 100/50 Watts (Full/Half Power switch)
- Power: 4 x 6L6GC or 4 x EL34
- Preamp: 3 x 12AX7/ECC83
- Rectifier: Solid State
- Normal input
- Bright, Deep, and Rock/Jazz toggle switches
- Treble, Middle, and Bass equalization (shared between channels)
- Overdrive channel with Level and Ratio controls
- Master volume and power amplifier Presence controls
- Footswitch (Channel and Preamp Boost)
- Rear panel OD Trim (fine-tunes response of overdrive channel)
- Passive effects loop
- Full/Half Power switch
- 4/8/16 Ohm Selectable
- Dual Speaker Outputs
- External Bias Adjust