OverUnity

Dynamic Drive

User Manual

Precautions

Location
Using the unit in the following locations can result in a malfunction.

- Where there is prolonged use in direct sunlight
- Locations of extreme temperature or humidity
- Excessively dusty or dirty locations
- Locations of excessive vibration
- Close to magnetic fields

Power supply
Please connect the designated 9V AC adapter to an AC outlet of the correct voltage. Do not connect it to an AC outlet of voltage other than that specified for your unit.

Handling
To avoid breakage, do not apply excessive force to the switches or controls.

Care
If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, or cleaning compounds or flammable polishes.

Keep this manual
After reading this manual, please keep it for later reference.

Keeping foreign matter out of your equipment
Never set any container containing liquid near this equipment. If liquid gets into the equipment, it could cause a breakdown, fire, or electrical shock. Be careful not to let metal objects get into the equipment. If something does slip into the equipment, unplug the AC adaptor from the wall outlet. Then contact UME Effects support at support@umeeffects.com or the store where the equipment was purchased.

Introduction

The OverUnity Dynamic Drive is a hand built, professional drive Pedal designed to enhance your natural playing style by allowing for both greater dynamic expression and improved tone.

The circuit design achieves guitar tone transparency while at the same time enhances your guitar signal's natural tones, harmonics, sustain, presence and definition.

The gain options range from a clean dynamic boost to a classic overdrive tone with the addition of a second switchable boost stage for soloing.

The Overunity pedal may be used standalone, stacked with other pedals, or to drive an already distorted amplifier including modern high gain, to improve your overall dynamic characteristics and response.

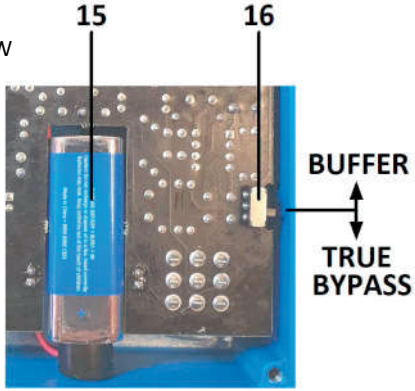
Features

Features include:

- *All analog signal path*
- *Gain options ranging from a clean dynamic boost to classic saturated overdrive tones*
- *Two switchable compression/clipping curves, vintage and modern*
- *Standard 9Vdc operation with internal voltage doubler for greater headroom*
- *Low noise design with ground referenced signal path*
- *Direct coupled gain stages, allowing for better picking attack and response*
- *Pre and post gain tone shaping for tonal flexibility*
- *Output boost control via second foot switch*
- *Flat and bright boost options with level control*
- *Switchable between true bypass and buffered modes via an internal switch*

Controls

INSIDE VIEW



Note: Always turn off your guitar amplifier before connecting your guitar cables or changing the battery in the pedal to avoid damaging your amplifier.

1. AC adaptor jack: This allows for connection to an optional 9V DC power supply (not included).

2. OUTPUT: This 1/4" jack allows you to plug a guitar cable between the pedal and your amplifier, or to the next pedal in your chain .

3. GAIN: This knob controls the amount of drive to the signal compression or distortion stage. Turning the knob clockwise increases the amount of distortion and sustain.

4. HIGH: This knob controls the amount of high frequency signals passed through to the output, post drive. Turning the knob clockwise increases the amount of high frequencies in the output signal.

5. V-M SWITCH: This switch is used to select the compression or distortion mode. The **'V'** setting produces a more vintage tone with a gradual compression curve, while the **'M'** setting produces a more modern tone with harder compression.

6. LOW: This knob controls the amount of low frequency signals passed to the signal compression or distortion stage. Turning the knob clockwise increases the amount of low frequencies or bass in the signal output.

7. ON LED: This LED indicates that the OverUnity pedal is turned on.

8. ON SWITCH: This switch turns the OverUnity pedal on and off.

9. INPUT: This 1/4" jack allows you to plug your guitar into the pedal. For extended battery life, always unplug your guitar cable from the input when not in use.

10. VOL: This knob controls the output level of the pedal. Turning the knob clockwise increases the output level.

11. BRT-FLAT SWITCH: This switch is used to select the eq. mode of the boost control. The **'BRT'** setting produces a bright boost by reducing the low frequencies in the signal. This mode is particularly useful when driving high gain amplifiers. The '**FLAT'** setting produces a flat eq. boost.

12. BOOST: This knob controls the amount of boost applied to the output when the BOOST switch is on.

13. BOOST LED: This LED indicates that the boost feature is turned on.

14. BOOST SWITCH: This switch turns the BOOST feature on and off. Note: The boost feature only works when the pedal is on.

15. BATTERY: The battery compartment is located inside the pedal housing for connecting a standard 9V DC battery (not included).

16. BUFFER-TRUE BYPASS SWITCH : The OverUnity pedal design allows for either buffered or true bypass of the input signal when the pedal is off. This switch located inside the pedal housing allows you to select which of these operating modes you prefer.

Specifications:

Jacks: 1x INPUT, 1x OUTPUT, 1x DC9V

Input impedance: 500k-ohms

Output impedance: 10k-ohms pedal on, 100K pedal off with buffer enabled.

Power supply: 9V battery or 9Vdc adapter (not supplied)

Current consumption: 18mA

Dimensions (W x D x H): 93 x 125 x 55mm / 3.66 x 4.92 x 2.17 inches

Weight: 380g /0.84lbs. (without battery)

* Specifications and appearance are subject to change without notice for improvement.

Contact:

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