

# HALCYON

• GOLD OVERDRIVE •

## OWNER'S MANUAL



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Origin Effects LTD  
Unit 4, Top Angel, Buckingham  
Buckinghamshire, MK18 1TH  
United Kingdom



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## Safety Notices:

### General Information:

This document contains important information for the safe operation of the product. Read and follow the safety instructions and all other guidance. Our products and documentation are subject to a process of continuous development. They are therefore subject to change. Please refer to the latest version of the documentation, which is available on our website <https://origineffects.com/manuals/>

Keep these instructions and heed all warnings. Do not use this apparatus near water. Clean only with a dry cloth. Do not install near any heat sources such as radiators, stoves or other apparatus (including amplifiers) that produce heat. Refer all servicing to qualified service personnel.



#### **NOTICE!**


**Damage may be caused to the device should it be tampered with!**

No user-serviceable parts inside. In the event of damage to the unit, service or repair must be done by qualified service personnel only.

### Symbols and signal words:

In this section you will find an overview of the meaning of symbols and signal words that are used in this document.

Signal Word	Meaning
DANGER!	This combination of symbol and signal word indicates a dangerous situation that could result in serious injury or even death if it is not avoided.
WARNING!	This combination of symbol and signal word indicates a potentially dangerous situation that could result in serious injury or even death if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a potentially dangerous situation that could result in material and/or environmental damage if it is not avoided.

Warning Symbol	Meaning
	Warning - dangerous situation

## Safety Instructions:

### Intended use:

This device is intended for use as effects pedal for sound processing of signals from musical instruments with electromagnetic pickups. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

### Safety:



#### **DANGER!**

##### **Risk of injury and choking hazard for children!**

Children can suffocate on packaging material and small parts. Never allow children to play with packaging material or the device. Always store packaging material out of the reach of babies and small children. Always dispose of packaging material properly when it is not in use. Never allow children to use the device without supervision. Keep small parts away from children and make sure that the device does not shed any small parts (such as knobs, rubber feet) that children could play with.



#### **WARNING!**

##### **Possible hearing damage due to high volumes on speakers, headphones, bass & guitar amplifiers!**

With loudspeakers or headphones connected, the device can produce volume levels that may cause temporary or permanent hearing impairment. Over an extended period of time, even levels that seem to be uncritical can cause hearing damage. Do not operate the device permanently at a high volume level.

Decrease the volume level immediately if you experience ringing in your ears or hearing impairment and seek medical advice.



#### **NOTICE!**

##### **Damage to device if powered incorrectly!**

This product is designed to be powered from a 9VDC, >200mA power supply with 2.1mm centre-negative barrel connector. Use of an incorrectly rated power supply could result in damage to the pedal and the power supply.



#### **NOTICE!**

##### **Possible staining due from rubber feet!**

The plasticiser used in the manufacture of the rubber feet on this product may react with floor coatings and result in permanent dark stains after some time. If necessary, use a suitable mat to prevent direct contact between the device's rubber feet and the floor.

## Introducing the HALCYON GOLD OVERDRIVE

The Halcyon Gold Overdrive is a versatile drive pedal featuring our proprietary Adaptive Circuitry. This unique design allows it to adapt its voicing in response to pick attack and volume changes, making it one of the most dynamic and interactive overdrives out there. While it is based on a certain rare and sought-after pedal, this is more than just a clone. Even though we went to great lengths to recreate the exact characteristics of unobtainable vintage diodes, we didn't stop there. We have also built in some innovative features that go way beyond the capabilities of the original pedal.

We based this pedal on the Klon® Centaur® because it's an all-time classic. Its clarity, dynamics and unique clean blend make it an excellent choice for players who like their overdrive pedals to have a more natural quality, capable of pushing the front end of any great amp. The all-too-frequently used term "transparent overdrive" really started with the Centaur® – and it thoroughly deserves that reputation.

The Halcyon Gold Overdrive picks up where the Klon® leaves off, adding even more playability to this players' favourite. The signature mid-hump now responds to playing dynamics and volume knob changes, and we've included our own smoother, more neutral voicing too. Add in an adjustable DRY control and you have an undeniably classic sound with way more variety.

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### Key Features:

- Adaptive circuitry responds to volume changes and playing dynamics
- Based on the iconic Klon® Centaur®
- DRY level control for extra tweakability
- Voice switch offers two flavours of mid push and drive
- Ultra-high input impedance
- High-quality buffered bypass
- Premium components throughout
- Designed and built in England

## Connecting the HALCYON GOLD OVERDRIVE



**9VDC:** Connect a 9VDC 2.1mm centre-negative mains power adaptor (minimum 200mA).



### NOTICE!

#### Damage to device if powered incorrectly!

This product is designed to be powered from a 9VDC, >200mA power supply with 2.1mm centre-negative barrel connector. Use of an incorrectly rated power supply could result in damage to the pedal and the power supply.

**INSTR:** Connect to your guitar.

**AMP:** Connect to your amp or modeller.

## Controls



**ADAPT SWITCH:** This enables the Adaptive Circuitry, allowing the pedal's mid-forward voicing to gradually fade away as the pedal cleans up. This gives you classic Klon® tone with your guitar cranked but reveals the full spectrum of your clean tone as you roll back the volume knob.

**Position O:** No adaptive behaviour, just like the original Klon® Centaur®.

**Position II:** Full adaptive behaviour. As the pedal cleans up from playing dynamics or volume knob changes, the mid hump is reduced and the rolled-off bass and treble frequencies are reintroduced. The effect will be more prominent with higher setting on the DRIVE knob.

**Position I:** Less adaptive than Position II. This setting still responds well to dynamics and volume changes but maintains some bass and treble roll-off, perfect for keeping the low end tight and preventing feedback with high-gain tones.

## Controls (continued)

**NOTE:** Because the mid hump of the original Klon® Centaur® increases with higher gain, the Halcyon Gold Overdrive's Adaptive behaviour will be more noticeable the higher you set the DRIVE control. This means you can turn the DRIVE up higher than is typical for Klon® users, then roll the guitar volume back to get the flatter clean boost tones that the pedal is known for.

**ADAPT SWITCH (suggestion):** To hear the ADAPT switch in action, set the DRIVE above 10 o'clock, select Position II, play some licks, then roll down your guitar volume to a clean tone and select Position O. You will hear a big difference between the adaptive and stock clean tones!

**VOICE SWITCH:** The VOICE switch gives you the ability to select either the classic Klon® mid hump or a smoother, more balanced tone. The KLN setting has the standard resonant, focused mid peak of an original Klon. The MOD setting has a broader mid hump and a softer, more compressed clipping characteristic. The MOD setting is particularly well suited to single coil pickups, and higher gain tones paired with very clean amp sounds.

**DRIVE:** Turn clockwise to increase the amount of overdrive. Lower settings should be used when boosting an amp on the edge of breakup. When used with ADAPT settings I and II, high DRIVE settings can sound more natural than a typical drive pedal and will work well with a completely clean amp. ADAPT settings I and II will be more prominent the higher you set the DRIVE control.

**LEVEL:** Sets the output level from the pedal. Turn clockwise to push the input of your amp. Keep this control set lower when using higher DRIVE settings.

**TONE:** Turn counterclockwise to roll off more high-end. Lower settings will result in a typical warm lead tone while higher settings will give a bright, cutting tone. With ADAPT settings I and II, the effect of the TONE control is reduced as the pedal cleans up, getting you back to your core clean tone.

**DRY:** The Centaur® circuit mixes some of your dry guitar signal with the pedal's overdrive tone. This control sets the level of that dry signal. We have also made improvements to this dry path, changing the overload characteristics when stacking with other pedals. Turn clockwise to help maintain body, clarity and definition when used with an overdriven amp. Turn counterclockwise to remove the clean signal, which can help when using the pedal as a standalone overdrive into a clean amp.

## Sample Settings



### GOLD STANDARD

The mid-forward drive tone that defined boutique overdrive, now with Adaptive Circuitry! The mid hump is reduced as the pedal cleans up, taking you from focused overdrive to full-range clean.



### CLEAN BOOST

The ultimate clean boost. This tone balances a tight low end with a natural high end response and stacks well with other pedals. Crank the LEVEL control to really push your amp into overdrive!



### INTO CLEAN AMP

Get a different flavour of overdrive that doesn't rely on cranking your amp. Turning down the DRY control gives you just the driven tone, perfect for running into a clean amp, especially with the smooth response of the MOD setting.



### STACKED DRIVE

Use this overdriven setting with an overdriven amp! With plenty of DRIVE dialled in, the DRY control adds some definition to the tone. ADAPT setting II makes this setting very responsive to dynamics, offering a huge range of drive.

## Appendix A: Physical Specification

Measurement	Unboxed	Boxed
Weight	500g (18oz)	570g (20oz)
Length	124mm (4.8")	135mm (5.3")
Depth	64mm (2.5")	90mm (3.5")
Height	58mm (2.3")	85mm (3.3")

## Appendix B: Performance Specification

Measurement	Value
Input impedance	1M $\Omega$
Output impedance	1k $\Omega$
Current draw	200mA
Power supply requirements	9VDC 2.1mm centre negative connector

## Appendix C: Connector Pin Out

Instrument & Amplifier 1/4" TS Sockets:

Pin	Description
Tip	Signal
Sleeve	Ground

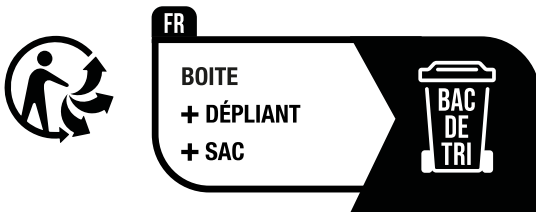
## Appendix D: Environmental Information



The crossed out wheely bin symbol indicates this product is classified as Waste Electrical and Electronic Equipment (WEEE) in the European Union and should not be discarded with household waste. Other territories may vary. Contact your local authority or Origin Effects for more information.



The packing materials for this product are recyclable. Do not dispose of these materials with your normal household waste. Please refer to the symbols on the packaging for recycling information. Contact your local authority for further guidance on recycle in your region.



Points de collecte sur [www.quefairedemesdechets.fr](http://www.quefairedemesdechets.fr)  
Privilégiez la réparation ou le don de votre appareil !

Scatola	Volantino	Borsa
PAP20	PAP22	LDPE4
Raccolta Carta	Raccolta Carta	Raccolta Plastica

Controlla le linee guida locali per la raccolta

<b>CARTÃO</b> Esvaziar Espalmar	<b>PAPEL</b> Separar	<b>PLÁSTICO</b> Esvaziar
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## Appendix E: Directives & Regulations



This product complies with Electromagnetic Compatibility (EMC) directive 2014/30/EU.



Origin Effects Ltd has conformed where applicable to European Union's Directive 2011/65/EU on Restrictions of Hazardous Substances (RoHS) as well as the following sections of California law which refer to RoHS, namely sections 25214.10, 25214.10.2, and 58012, Health and Safety Code; Section 42475.2, Public Resources Code.



This equipment has been tested and found to comply with the limits for a Class B device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Appendix F: Warranty

At Origin Effects we want you to have a long and happy relationship with your pedal, so we offer a comprehensive 2-year warranty from the date of purchase. You can extend this warranty to 4 years by registering your product at <https://origineffects.com/register/>

Please note the warranty is not transferable and only valid for the original owner. Returns or servicing should be arranged through the store you purchased the product from. Proof of original ownership may be required in the form of a purchase receipt.

For full warranty details visit [www.origineffects.com/warranty](http://www.origineffects.com/warranty).