

# CONGRATULATIONS!

And Welcome to our family! You now own a professional-grade product, used by renowned artists world-wide! Every **COSTALAB** product is hand-built in Italy with the finest components, for maximum performance and outstanding reliability. We check and test every single pedal before it reaches your home to be sure it works as it's designed for and that is free from defects of any kind.

## WARRANTY:

COSTALAB warrants the product to be free from defects in manufacturing for a period of two (2) years from the date of purchase.

The Warranty is only valid if the product is used as recommended and as it's intended. Proof of ownership may be required in the form of a purchase receipt.

## EXCLUSIONS:

The warranty does not cover damages caused by misuse, wrong power supply, abuse, unauthorized modification, improper storage, lightning, or natural disasters. The warranty does not cover knobs, rubber feet or any wearable component. The warranty does not cover any shipping cost for repairing.

## LIMIT OF LIABILITY:

Costalab will not be held liable for any damage caused by the failure of this product. Damages excluded include, but are not limited to, the following: lost profits, damage to other equipment or inability to use this product.

*By using the product, the user accepts all terms herein.*

## HOW TO OBTAIN SERVICE:

contact COSTALAB through our website at <http://www.costalab.com> or contact any authorized dealer (*full list on our website*).



[www.costalab.com](http://www.costalab.com)



# THE SUN DRIVE

The Sun Drive is a silicon diodes fuzz pedal, inspired by the most classic “muff “ tone. Based on four gain stages, two of which house two clipping circuits, The Sun Drive delivers an overwhelming sound, full of rich harmonics.

The tone is controlled by a classic subtraction circuit. The more you crank the knob, the more the pedal opens. When you max the Tone Knob, the circuit lets out all frequencies, but then you have to adjust the gain level because the harmonic content is directly proportional to the sustain.

The Sun Drive is equipped with the renowned Costalab Class A buffer, that is always on to save every detail of the sound, giving definition and strength to the notes, beside fighting radio interference.

The pedal has a ground loop circuit for noise-free operation.

The Sun Drive gives its best when plugged to an isolated power supply, or by itself through a classic Boss PSA-style power supply.

The Sun Drive is built with premium components that guarantee noise-free performance and is fitted with buffered bypass switching and an anti-pop filter for transparent smooth operation.

## SUPPLY

The circuit turns on by inserting a guitar cable into the Input jack of the pedal.

**Battery:** the pedal can be operated by a single 9 volt battery (type MN1604) or with an external power supply.

To install/replace the battery, simply remove the fixing screw of the battery compartment on the back of the stomp-box. To preserve battery life, remove the cable from the input when you’ve finished using the pedal.

If you plug the pedal with an external power supply and don’t use the battery for a long time, please consider removing the battery from the dock. Battery is not included.

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**External power supply:** it is possible to power the pedal with an external center-negative 9 volt DC power supply with standard 2.1mm DC connector. Current draw is less than 20 mA.

We suggest to use our filtered and stabilized **ENERGIA** or **POWER FACTORY** power supplies or an equivalent quality one. Using a different power supply may generate unwanted noise and may damage the product. When an external power supply is plugged, the battery is excluded.

**Dimensions:** 118x93,4x34mm excluding knobs and jacks.

