

## **LEO OBDII ACTIVE SOUND 6.0 DUO Set Sound Generator (2 Speakers)**

**Art. Nr:** LEO-6.0-KIT2

---

# ACTIVE SOUND



### **DESCRIPTION**

---

**LEO ACTIVE SOUND - THE SOUND CUBE FOR REALISTIC ENGINE SOUND**

Blubbering, popping, roaring: Looking for rich sound for your car? The PANTHERA LEO ACTIVE SOUND is the solution.

Can be installed in all Diesel/Gasoline/Hybrid vehicles (starting from 2006>), it delivers the ultimate exhaust sound experience!

The sound generator generates realistic vehicle noises based on electronic engine data. The sound files were recorded from real sports and super sports cars in superb quality on a high-end acoustic test bench. Thanks to our specially developed smartphone app, you can select different sound files and set and adjust them individually according to your wishes.

In addition, the scope of delivery a wireless remote control is included, with which you can easily and quickly turn off the system, as well as directly select three profiles ECO, SPORT and RACE

### **Features**

- Realistic sound files
- Various sound profiles pre-installed
- Misfires (customizable)
- Realistic mode / accelerator pedal or load-dependent volume
- Customer settings: volume, pops, start sound, authentic misfire option, engine RPM setting, realistic mode
- Configurable & updatable via smartphone app
- No soldering required on the CAN bus in the vehicle
- No changes to the original vehicle electronics
- Compatible with all Diesel/Gasoline/Hybrid/Electric vehicles starting from 2006>
- Including radio remote control



## **Example video**

## **EXCLUSIVE FEATURES**

---

### **SOUNDS**

It is possible to select the car sound via the APP.

**4 cylinder boxer** - sounds like a Toyota GT86

**R6 Turbo** - sounds like a BMW M4

**V6 Turbo** - sounds like a Nissan GT-R 35

**V8 Turbo** - sounds like a Mercedes AMG C63

**V8 SUV** - sounds like a Audi RSQ7 / AUDI RSQ8

**V8 Muscle** - sounds like a Ford Shelby GT500

**V10 SUV** - sounds like Maserati Quattroporte

**V12 supercar** - sounds like an Aston Martin Vanquish

**E Turbo** (coming soon): sounds like a Porsche Tycan Electric

All sounds were recorded from real cars on a high-end acoustic test bench

## ACTIVE SOUND SETTING

The Leo Active Sound System is delivered preconfigured with standard settings and is therefore ready to use.

It is possible to adjust individual sound experience via the Panthera Connect app. Here you can customize 8 different sound profiles and adjust the the sound files.

### PANTHERA LEO ACTIVE SOUND SETTINGS

The menu item „SETTINGS“ takes you directly to this menu

**Leo Active Sound Settings**  
General settings for the Active Sound System, please consult a technician before use.

**Teach radio remote control**  
Tap and press a button on the radio remote control to connect it to the Active Sound System. Just to learn a new remote control, a remote control has already been taught in as delivered.

**Calibrate accelerator**  
The „MISFIRE“ and „RE sound requires the acc quieter driving at a lower the accelerator pedal i To calibrate, press the once as indicated on th

**Display input speed**  
The speed transmitted from the engine to the Active Sound System in real time.

**Output speed display**  
The speed adjusted by the Panthera Connect a

**Simulated speed slider**  
In order to accelerate in demo mode, simply slide the slider slowly to the right.

**Speed simulation**  
Active sound demonstra cannot / may not be st exhibition halls, etc.

**LEO ACTIVE SOUND EINSTELLUNGEN**

**REMOTE SETTINGS**  
RELEARN REMOTE

**PEDAL SETTINGS**  
RESET PEDAL

After clicking the button, go completely through the gas pedal once for the recalibration!

**CURRENT RPM**  
RPM IN 850 RPM OUT 978  
Realtime value transmitted from the OBD-Dongle.

RPM SIMULATION DEMO

0 LEERLAUF VOLLGAS

**EFFECTS**

# PANTHERA LEO

## ACTIVE SOUND SETTINGS

**Minimum speed in E mode**  
Value for idle speed of the simulated Active Sound noise in hybrid vehicles in electrical operation. It makes sense. For example 500 to 1000 revolutions per minute.

**Save hybrid settings**  
Save active sound settings for hybrid vehicles.

**Reset settings**  
Caution! All settings of the Panthera Leo Active Sound Generator are reset to factory settings.

×

ELECTRO AND HYBRID SIMULATION

HYBRID MODE ☒

MIN RPM

700

MAX RPM

3000

RPM range for sound generation depending on the pedal position.

Only for hybrid vehicles!

SAVE HYBRID SETTINGS

ELECTRO MODE ☐

Trigger RPM simulation mode.

Only for electric vehicles!

RESET SETTINGS

RESET SETTINGS

RESET SETTINGS

WEITER AUF DER NÄCHSTEN SEITE

**Hybrid vehicle mode**  
In hybrid vehicles when the electric motor and the internal combustion engine are activated so that the vehicle can drive in electric mode.

**Maximum speed Speed**  
Value for maximum speed in hybrid vehicles in electric mode. For example 3000 to 5000 rpm.

**Electric vehicle mode**  
This mode must be activated for electric vehicles. For example in electric mode.

## PANTHERA LEO ACTIVE SOUND SETTINGS

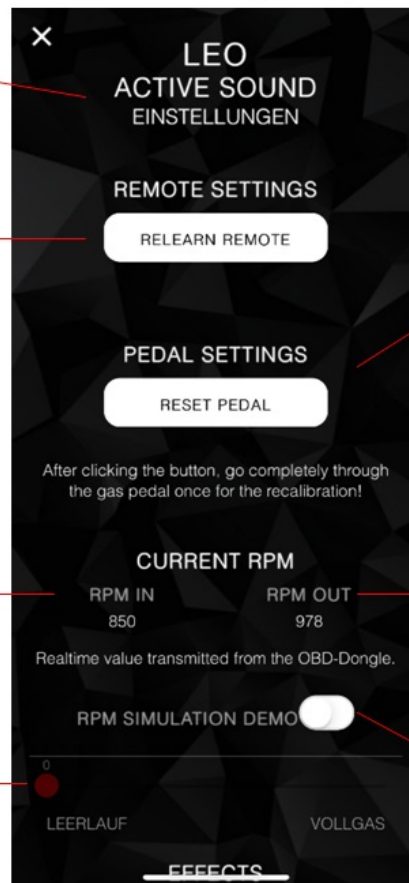
The menu item „SETTINGS“ takes you directly to this menu

**Leo Active Sound Settings**  
General settings for the Active Sound System, please consult a technician before use.

**Teach radio remote control**  
Tap and press a button on the radio remote control to connect it to the Active Sound System. Just to learn a new remote control, a remote control has already been taught in as delivered.

**Display input speed**  
The speed transmitted from the engine to the Active Sound System in real time.

**Simulated speed slider**  
In order to accelerate in demo mode, simply slide the slider slowly to the right.



**Calibrate accelerator**  
The „MISFIRE“ and „RE sound requires the acc quieter driving at a low the accelerator pedal i To calibrate, press the once as indicated on th

**Output speed display**  
The speed adjusted by the Panthera Connect a

**Speed simulation**  
Active sound demonstra cannot / may not be st exhibition halls, etc.

## OBD TECHNOLOGY

The LEO Active sound generator queries all data relevant to sound generation from the vehicle's engine control unit in real time via an OBD-II adapter. The adapter transmits this data wirelessly via Bluetooth to our control unit with an integrated audio amplifier called the Active Sound Cube. In its latest version 5.0, the Cube has a complex audio engine which is able to reproduce real recorded engine / exhaust noise.



## Features

- Easier assembly
- No soldering required on the CAN bus in the vehicle
- Configurable & updatable via smartphone app
- No warranty issues
- Can be retrofitted without changing the vehicle

INSTALL VIDEOS

## APP CONFIGURATION

---

The LEO Active sound generator queries all data relevant to sound generation from the vehicle's engine control unit in real time via an OBD-II adapter. The adapter transmits this data wirelessly via Bluetooth to our control unit with an integrated audio amplifier called the Active Sound Cube. In its latest version 5.0, the Cube has a complex audio engine which is able to reproduce real recorded engine / exhaust noise.

## Features

- Easier assembly
- No soldering required on the CAN bus in the vehicle
- Configurable & updatable via smartphone app
- No warranty issues
- Can be retrofitted without changing the vehicle



APP VIDEOS