

HIFONICS

HF-SC4

4-KANAL SIGNAL KONVERTER

BESTIMMUNGSGEMÄSSER GEBRAUCH

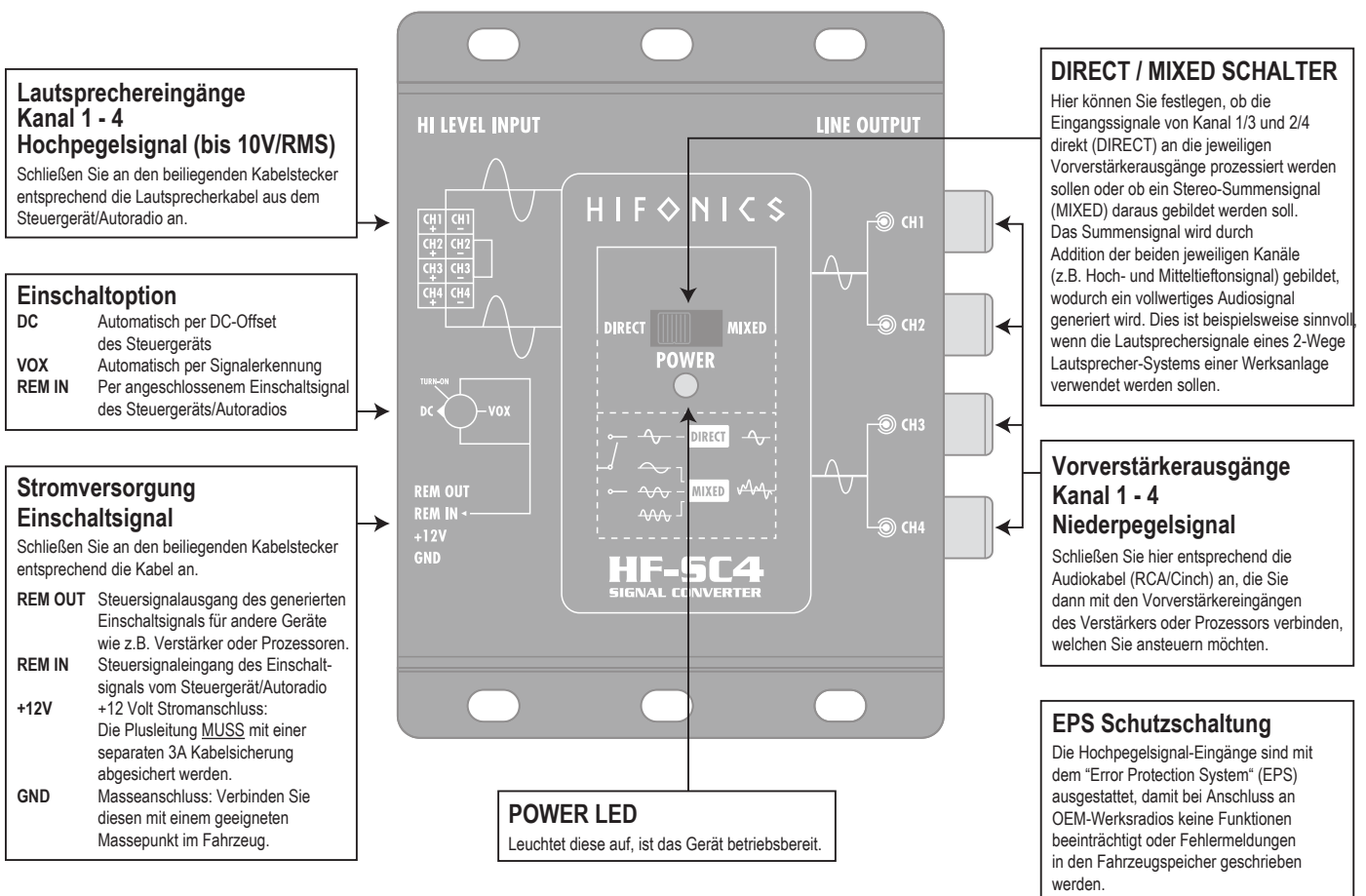
Dieses Gerät ist nur für den Gebrauch in Fahrzeugen mit +12V Stromversorgung und negativer Masse geeignet. Das Gerät dient dazu, die Hochpegelsignale der Lautsprecherausgänge eines Steuergeräts/Autoradios in Vorverstärkersignale (Niederpegelsignale) zu konvertieren, damit diese an weiteren Audiogeräten wie Verstärkern oder Prozessoren benutzt werden können.

INSTALLATIONSHINWEISE

Klemmen Sie sicherheitshalber vor Installation des Geräts den Massepol Ihrer Fahrzeugbatterie ab, um Kurzschlüsse und Stromschläge zu vermeiden. Achten Sie darauf, dass das Gerät sicher befestigt wird und bei der Montage keine wichtigen Komponenten des Fahrzeugs beschädigt werden.



Bitte achten Sie beim Anschliessen stets auf die korrekte Polarität aller Anschlüsse!

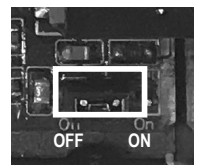


STECKBRÜCKE FÜR „SCHWEBENDE“ MASSE

Sollten unerwartet Störgeräusche von der Lichtmaschine zu hören sein, können Sie die angeschlossene Masse des Fahrzeugs vom Vorverstärkersignal trennen. Klemmen Sie dafür zuerst den Kabelstecker der Stromversorgung am Gerät ab und öffnen dann vorsichtig das Gehäuse mittels geeignetem Werkzeug.

Im Geräteinneren befindet sich eine kleine Steckbrücke rechts unten. Ziehen mit einer Zange vorsichtig die Steckbrücke heraus und stecken sie auf die Position OFF ein. Dadurch wird eine schwebende Masse (Floating Ground) erzeugt.

Bauen Sie danach das Gehäuse wieder zusammen und schließen das Gerät zum Betrieb wieder an.



HIFONICS

HF-5C4

4-CHANNEL SIGNAL CONVERTER

INTENDED USE

This device is only suitable for use in vehicles with + 12V power supply and negative ground. The device is used to convert the high-level signals from the loudspeaker outputs of a head unit / car radio into preamplifier signals (low-level signals) so that these can be used on other audio devices such as amplifiers or processors.

INSTALLATION INSTRUCTIONS

To be on the safe side, disconnect the ground terminal of your vehicle battery before installing the device in order to avoid short circuits and electric shocks. Make sure that the device is securely attached and that no important components of the vehicle are damaged during installation.



When connecting, please ensure that all connections have the correct polarity!

Speaker Inputs

Channel 1/4

High Level Signal (until 10V/RMS)

Connect the loudspeaker cable from the head unit / car radio to the enclosed cable connector.

Turn-On Options

DC Automatically via the DC offset of the head unit / car radio
VOX Automatically via signal detection
REM IN Via the connected turn-on signal of the head unit / car radio

Power Supply

Turn-on Signal

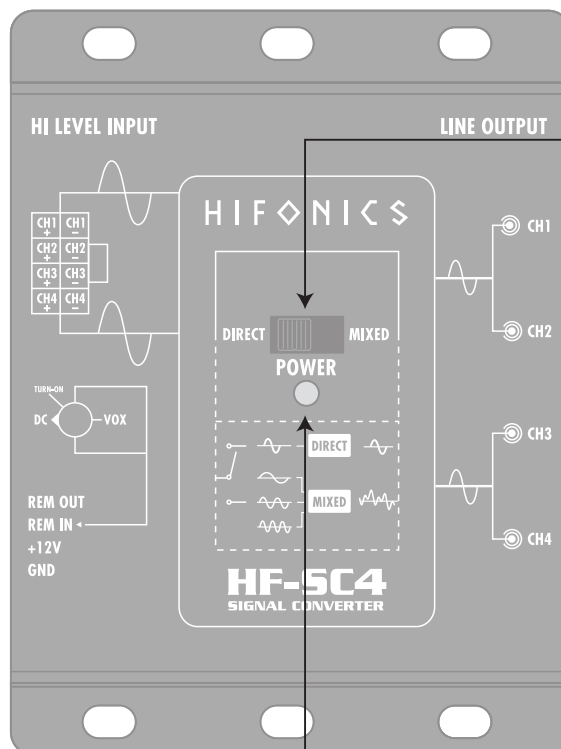
Connect the cables accordingly to the enclosed cable connector.

REM OUT Turn-on signal output of the generated turn-on signal for other devices such as amps or processors.

REM IN Turn-on signal of the head unit / car radio

+12V +12 volt power connection:
The positive +12 V cable **MUST** be secured with a separate 3A cable fuse.

GND Ground connection:
Connect this to a suitable ground point in the vehicle.



POWER LED

If this lights up, the device is ready for use.

DIRECT / MIXED SWITCH

Here you can specify whether the input signals from channels 1/3 and 2/4 should be processed directly (DIRECT) to the respective preamp outputs or whether a stereo composite signal (MIXED) is to be formed from it. The sum signal is through Addition of the two respective channels (e.g. high and mid-bass signal), which generates a full-fledged audio signal. This is useful, for example, if the loudspeaker signals of a 2-way loudspeaker system in a factory system are to be used.

Pre-amplifier Outputs

Channel 1 - 4

Low Level Signal

Connect here the audio cables (RCA) accordingly, which you then connect to the preamplifier inputs of the amplifier or processor that you want to control.

EPS Protection Circuit

The high level signal inputs are equipped with the "Error Protection System" (EPS) so that no functions are impaired or error messages are written to the vehicle memory when connected to OEM factory radios.

JUMPER FOR FLOATING GROUND

If you unexpectedly hear interference from the alternator, you can disconnect the connected ground of the vehicle from the pre-amplifier signal. To do this, first disconnect the power supply cable plug from the device and then carefully open the housing using a suitable tool.

There is a small jumper inside the device at the bottom right. Carefully pull out the jumper with a pair of pliers and insert it in the OFF position. This creates a floating ground.

Then reassemble the housing and reconnect the device for operation.

