

Musway HL2 – High Low adapter also for modern vehicles



amplifier. Its maximum input voltage of 16 volts is not quite enough for the factory sound packages with more powerful factory amplifiers, but it should be enough for most original equipment. After all, the HL2 is pleasing to the eye and hand with its elegant aluminum housing.

Conclusion

The Musway HL2 is a real problem solver. For affordable money, it enables music enjoyment in a large number of current vehicles.

Elmar Michels

PRACTICAL TIP
High-Low-Adapter
CAR & HiFi 1/2020

problem solver

► In the past, you only needed a high-low adapter to bring the excessive voltage at speaker outputs down to a level compatible with the amplifier. However, the Musway HL2 can do much more.

Factory radios have the components to the Normal case of a car hi-fi installation. That's why most current retrofit amplifiers and active subwoofers are already equipped with high-level inputs. The automatic switch-on function, which detects when the radio is on, is becoming more and more popular.

Unfortunately, these goodies are not always enough to get the retrofit system running satisfactorily. Modern vehicles, for example, turn the radio up and down as they please, and there are diagnostic circuits that allow the radio to first check the factory speakers before releasing music.

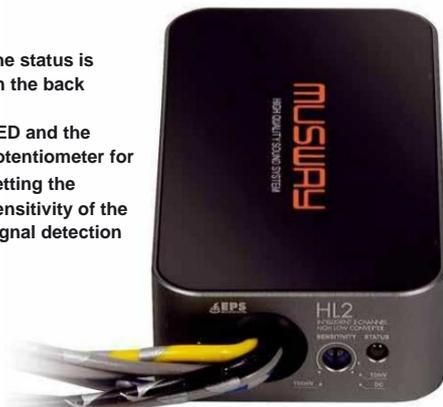
That's where the Musway HL2 comes in, because it's smart enough to navigate those cliffs. As far as switching on is concerned, it not only detects the DC offset of common radio outputs, it can also switch depending on the signal. To ensure that this works optimally, there is a potentiometer for setting the sensitivity. And against the loudspeaker diagnosis of some factory systems, it has a clever circuit on board that shows the radio a typical loudspeaker impedance and thus satisfies the system diagnosis. Of course, it also has the basic virtues, namely the provision of a stereo cinch signal and a remote signal for retrofitting



object of Desire:
The Musway HL2 delivers clean RCA signal up to 5 V

The status is on the back

LED and the potentiometer for setting the sensitivity of the signal detection



Musway HL2

distribution	Audio Design, Kronau
Hotline	07253 9465-0
Internet	www.audiodesign.de
Price	around 80 euros

Technical specifications

High-low converter for connecting Retrofit amplifiers on factory radios

- Dimensions 130 x 70 x 35mm
- inputs
- 2-Channel-High-Level (bis 16 V)
- exits
- 2-channel cinch (5 V)
- Remote-out

- Can be connected to all factory radios
- Automatic switch-on via DC or signal detection (sensitivity adjustable)
- Loudspeaker simulation EPS (for diagnostic circuits)
- Start-stop capability up to 6.5 V
- HiRes-capable frequency range for the best sound quality

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"High-low converter with many problem-solving functions."