

User manual 920628D

Type of Product: Amplifier for Antenna Signals for Broadcast and GNSS Reception
Manufacturer: Hirschmann Car Communication GmbH

The product is mounted in a vehicle. It's purpose is to improve the reception of radio or TV or GNSS signals with antennas that are integrated in the backscreen of the vehicle.

The product is neither visible nor operable by the user of the car.

It is used and controlled by the telematic system of the vehicle.

It is also not user servicable. Therefore safety consideration is adjusted to trained installation personnel.

DC supply is done by the onboard 12V power system.

Signal input comes from the reception antenna, signal output is being applied to the signal input of a radio tuner.

Frequency ranges are:

AM: 150 ... 1602kHz

FM: 87.5 ... 108MHz

DAB: 174 ... 240MHz

Supply 12V DC vehicle on-board supply

Gain: 6...10dB

Size: 11x6x2cm, weight: 43gr

Working temperature: -40...85°C

Declaration of Conformity

Hereby, Hirschmann Car Communication GmbH declares that the radio equipment herein mentioned is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

www.te.com/hirschmann-mobility/red

FCC

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital 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.

Abt. PDH	Erz.-Bezeichnung	Erz.-Nummer	Blatt 1
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