

Splitband amplifier HSA001M

Product description

The amplifier is designed in splitband technology for amplifying SAT IF and terrestrial TV signals. Amplifier has one input and one output. TERR band and SAT IF band amplifier has separate gain regulators and fixed slope pre-correction.

DC+22 kHz signal pass through the amplifier.

This amplifier is designed for indoor use only.

Safety instructions

Installation of the amplifier must be done according IEC60728-11 and national safety standards.

The amplifier is powered from mains 230 V~. This voltage is dangerous to life.

Any repairs must be done by a qualified personnel.

The amplifier is double isolated from the mains 230 V~.

Do not remove the cover of the power supply section, without disconnecting the unit from the mains supply.

Do not plug the amplifier into the mains supply if the power cord or plug is damaged.

Do not plug the amplifier into the mains supply until all cables have been connected correctly.

To disconnect the amplifier completely, disconnect plug from the mains socket.

The mains socket must be easily accessible.

The amplifier shall not be exposed to dripping or splashing water and no objects filled with liquids, such as vases, shall be placed on it.

Avoid placing amplifier next to central heating components, near highly combustible materials and in areas of high humidity.

No naked flame sources, such as lighted candles, should be placed on amplifier.

If the amplifier has been kept in cold conditions for a long time, keep it in a warm room no less than 2 hours before plugging into the mains.

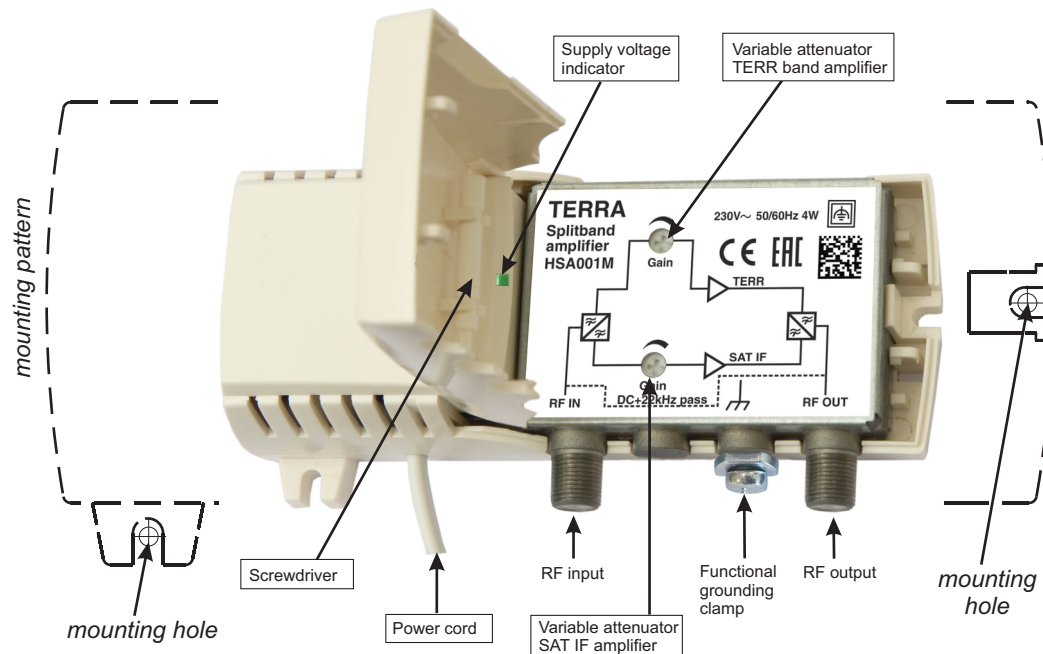
Do not insert any objects into ventilation openings.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains.

Mount the amplifier in vertical position with RF input connectors underneath.

From top, front and bottom of installed amplifier must be at least 10 cm free space.

External view and operating controls



Installation

The amplifier should be mounted on vertical surface with connectors underneath in order to ensure good ventilation conditions.

The amplifier must be fixed with steel screws Ø 3.5-4 mm. The screws are not included in a package.

Connect the amplifier into the mains supply lastly.

Technical characteristics

Type	HSA001M	
Frequency range	SAT IF	950- 2400 MHz
	Terr. TV	47-862 MHz
Gain	SAT IF	18-25 dB (pre-correction)
	Terr. TV	14-18 dB (pre-correction)
Gain adjustment	SAT IF	10 dB
	Terr. TV	15 dB
Input and output return loss	SAT IF	≥ 10 dB
	Terr. TV	≥ 10 dB
Maximal output level IMD3=35 dB (EN60728-3)	SAT IF	115 dBμV (2 equal carriers)
Maximal output level IMD3=60 dB (DIN45004B)	Terr. TV	110 dBμV
DC pass	24 V max. 400 mA max.	
Supply voltage limit values, power consumption	198-250 V~ 50/60 Hz 4 W	
Temperature range	-20° ÷ +50° C	
Dimensions	133x73x39 mm/0.36 kg	

⚠ Caution!

⚡ Risk of electric shock.

♻ This product complies with the relevant clauses of the European Directive 2002/96/EC. The unit must be recycled or discarded according to applicable local and national regulations.

🏠 Equipment intended for indoor usage only.

⚡ Equipment is double insulated from the mains, with functional earthing.

⚡ Functional earthing. Connect to the main potential equalization.

CE This product is in accordance with following norms of EU: EMC norm EN50083-2, safety norm EN62368-1, RoHS norm EN50581.

EAC This product is in accordance with Custom Union Technical Regulations: "Electromagnetic compatibility of technical equipment" CU TR 020/2011, "On safety of low-voltage equipment" CU TR 004/2011.

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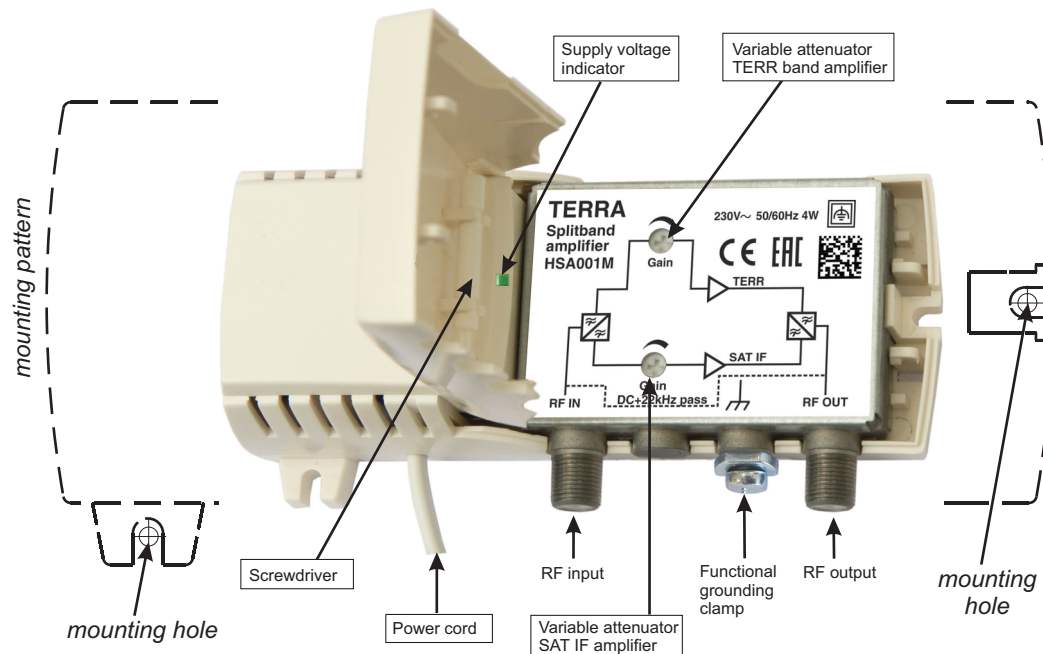
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