


PRODUCT DESCRIPTION

Apartment amplifiers (in text - amplifier) are intended for amplifying cable TV, terrestrial TV and FM radio signals. The amplifier AS039R65 has built-in passive return path, AS039 - without return path, AS039L, AS039T amplifiers have integrated 30 dB LTE signal suppression filter . There are possibility to adjust the gain of the amplifiers.

The amplifiers have an unadjustable frequency response pre-correction (about 4 dB) for compensation of slope in domestic networks.

The amplifiers are intended 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 skilled personnel.

To avoid the electric shock follow these instructions:

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 are damaged.

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

The mains socket must be easily accessible.

The amplifier shall not be exposed to dripping or splashing water.

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

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.

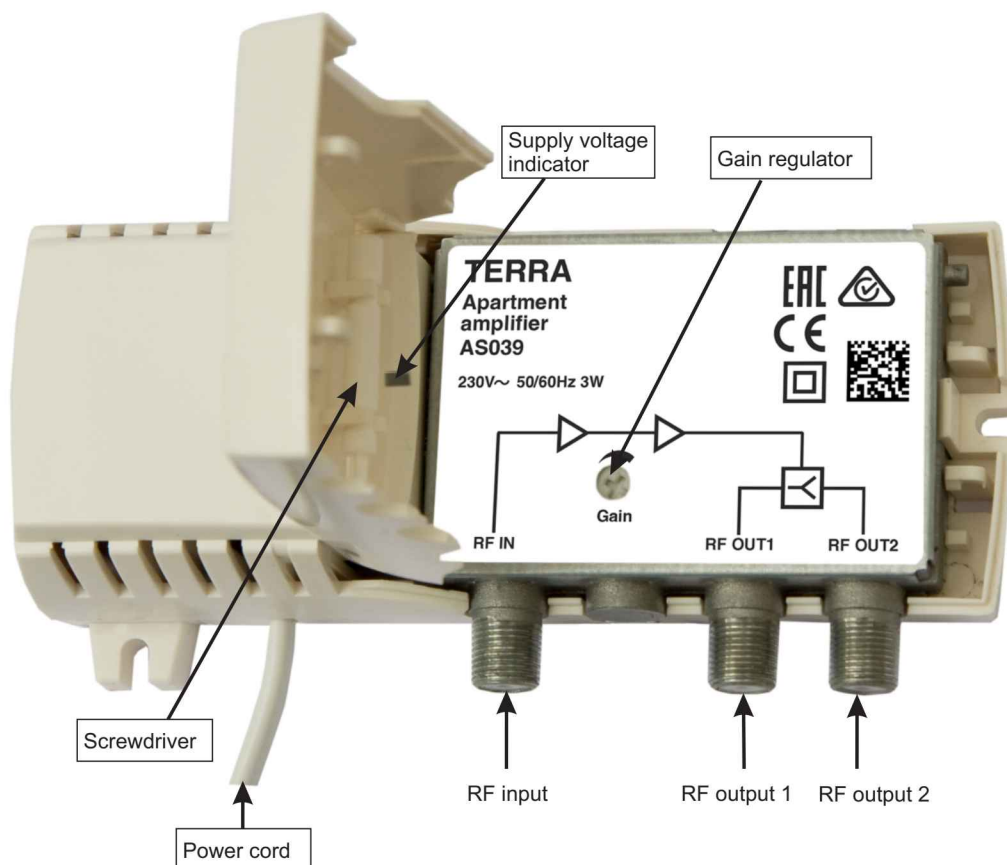
Do not insert any objects into ventilation openings.

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 power supply located on the left. The amplifier must be fixed with steel screws \varnothing 3.5-4 mm. The screws are not included in a package. Mount in locations where children not likely to be present. Shields of cables must be connected to main potential equalization bus.

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

EXTERNAL VIEW



TECHNICAL CHARACTERISTICS

Type	AS039	AS039R65	AS039L	AS039T
Frequency range	47-862 MHz	87-862 MHz	47-790 MHz	47-694 MHz
Outputs number	2			
Gain	16 dB 47 MHz; 20 dB 862 MHz*			
Gain adjustment	0 ÷ -12 dB			
Maximal output level IMD3=60 dB (DIN45004B)	100 dB μ V*			
Noise figure	< 6 dB		< 6 dB (700 MHz)	< 6 dB (600 MHz)
Return path				
Frequency range	-	5-65 MHz	-	-
Gain	-	-5 dB*	-	-
Return loss	-	> 12 dB*	-	-
General				
Supply voltage limit values, power consumption	198-250 V~ 50/60 Hz 3 W			
Operating temperature range	-20° ÷ +50° C			
Dimensions/Weight (packed)	133x63x39 mm/0.36 kg			

* when loaded other symmetrical output



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.



Apparatus is double insulated from the mains.



The device has integrated LTE filter.



This product is in accordance to following norms of EU: EMC norm EN50083-2, safety norm EN IEC62368-1, RoHS norm EN50581.



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.



This product is in accordance with safety standard AS/NZS 60065 and EMC standards of Australia.