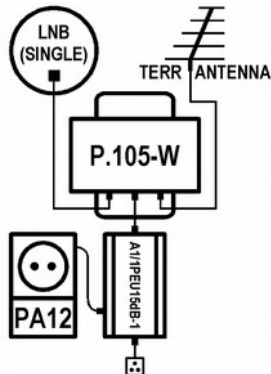
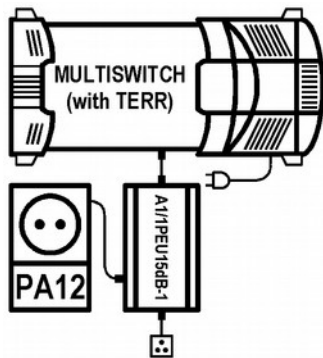
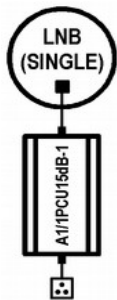
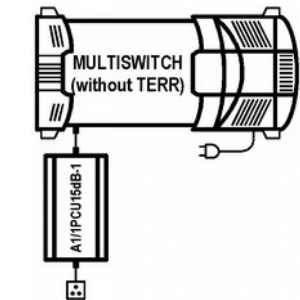


Wiring diagram



Contact

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INSTRUCTION MANUAL

1/002744

A1/1PCU15dB-1
A1/1PEU15dB-1

EMP-CENTAURI®



Dear Customer,
congratulations on the purchase of the EMP-Centauri product. Before its installation and putting into operation, read carefully the entire operation manual. Keep the operation manual in a safe place. The product may only be installed and connected with strict observance of the manual and of valid regulations.

The area of application, warranty

The product is designed for distributing satellite, terrestrial TV and radio signals in normal house installations. The warranty shall not apply, if the product is used for other than specified purpose. The user will be responsible for injury or material damage which may arise in consequence of any

use of the product in contradiction with the manual. The product utilizes technologies which are protected by copyrights and patents. It is prohibited and unlawful to dismantle the product and make any interventions in it. EMP-Centauri Profi line products are covered under warranty for up to 6 (six) years from the date of purchase. To enable superior warranty and post warranty service, keep all purchase and rework (if any) records in a safe place. It is also recommended to keep the original packaging for the warranty period.

Product installation

Product must be installed and used on a dry place. To connect inputs and outputs, use quality coaxial cable 75Ω with F connectors, which are designed for satellite reception. It is not allowed to break coaxial cables, minimal bend radius is 5 cm. Tighten the F connectors with adequate power. Examples of practicable connections are shown in this manual or at website www.emp-centauri.eu.

Explanation of symbols

| | |
|--|---|
|  | Certificate of conformity |
|  | DiSEqC (Digital Satellite Equipment control) – international standard for digital satellite equipment control, number (1.0, 1.1, 1.2 or 2.0) determines DiSEqC version. |
|  | According to EU directive, electric and electronic devices which are identified by one of the following symbols must not be disposed of together with municipal waste. When disposing of the old device, use local waste collection and separation systems. |

Technical specifications

1in/1out universal (terrestrial and satellite) amplifier with high output level. The amplifier is supplied with 9-20 V DC via a DC 2.1 connector from an external power supply (A1/1PEU15dB-1, PA12 is recommended) or via output cable from a receiver (A1/1PCU15dB-1). The input-output line transmits DC.

Caution: Electrostatic sensitive devices inside, connect power source only after all RF connections are completed.

| SPECIFICATIONS | A1/1PEU15dB -1 | A1/1PCU15dB -1 |
|-----------------------------|---|------------------------------|
| Number of Inputs | 1 | |
| Number of Outputs | 1 | |
| Frequency Range | 5-2300 MHz | |
| Gain (avg) | 12-15 dB | |
| Maximum Input Level* (avg) | TERR 94dBuV, SAT 98 dBuV | |
| Maximum Output Level* (avg) | TERR 109 dBuV, SAT 113 dBuV | |
| Current Consumption (avg) | 85 mA (9-20 V) from 9-20 V DC external power supply | 85 mA (9-20 V) from receiver |
| Dimensions (w,d,h) | 7.6 x 6.0 x 3.2 cm | 7.6 x 6.0 x 1.7 cm |
| Temperature Range | -30 °C - +70 °C | |

* TERR: EN 50083-3/60dB IMA3 [dBuV]; SAT: EN 50083-3/35dB IMA3 [dBuV]