

NS01-S1



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 purchase and rework (if any) records for future need.

1) Field of Application, Warranty

NS01-S1 is wall socket, which in the user's apartment terminates coaxial cable coming from EMP-Centauri's NET CLASS multiswitch.

EMP-Centauri's NET CLASS products are covered under 4 (four) years warranty from the date of purchase, see details in EMP-Centauri General trade conditions, published at manufacturer's website www.emp-centauri.cz.

The user will be responsible for injury or material damage which may arise in consequence of any product use in contradiction with the manual. Repairs or any interventions in the product may be performed only by EMP-Centauri company, or other companies authorized by EMP-Centauri.

2) Technical Specifications

The wall socket allows to connect a TV or set-top-box with satellite and terrestrial tuner (UHF band) to home coaxial network. In addition, the wall socket features two data ports (RJ45) for connection of any LAN devices with interface Ethernet 10BASE-T (according to IEEE 802.3i) or Fast Ethernet 100BASE-TX (IEEE 802.3u). The wall socket is remotely powered from NET CLASS multiswitch.

Specifications	NS01-S1
Frequency Range	TERR 470–862 MHz, SAT 950–2150 MHz
Insertion Loss	3 dB TERR, 3 dB SAT
Data connectivity	2x RJ45 10BASE-T (10 Mbit/s), 100BASE-TX (100 Mbit/s); shared link to multiswitch 100 Mbit/s
Current Consumption	65 mA / 12V (with data link at both LAN1 i LAN2)
Dimensions (w,d,h)	7.6 x 7.6 x 4.0 cm (incl. plastic cover)

Specifications	NS01-S1
Temperature Range	-25 – +60 °C

3) Product Takeover

Make sure that the product is not damaged. Please contact your dealer in the case of damage.

4) Product Storing and Installation

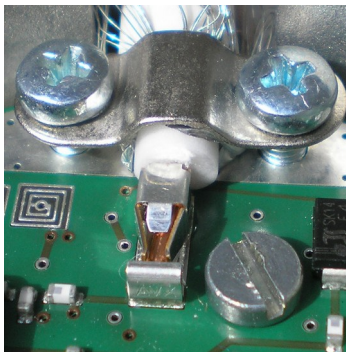
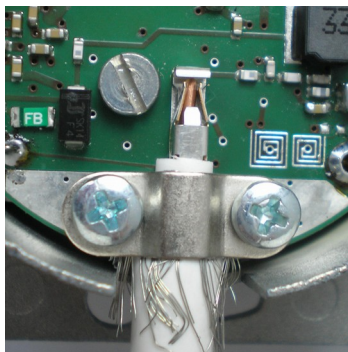
Wall sockets must be installed into standard plastic mounting boxes (not included) and covered with plastic cover (included in the package).

We recommend the device to be installed by the qualified technician.

5) Product Connection

Connect the product in accordance with this manual and valid regulation. Use high-quality 75 Ω coaxial cable designed for satellite reception.

Remove the insulation at end of the cable, exposing the central conductor in the length of 8 mm. Fold the shielding braid and foil back over outer coating. Carefully plug the inner conductor into board's terminal until the plastic insulation matches with entry of board's terminal. Fix the cable by tightening the grounding clamp – see pictures:




Finally press on the back metal cover and place the body of the socket to the

mounting box. Fix the plastic cover to the front side of the socket.

For dismantling follow reverse procedure: Pull the socket out of the mounting box, pull off the metal cover, loose the grounding clamp and finally pull out slowly the inner conductor from the board's terminal while twisting the cable to both sides.

Please note that the central conductor cannot be released by pulling only!

6) Status LEDs

Socket LAN1		Socket LAN2
right LED: Data link with the multiswitch*	right LED: The socket is remotely powered	
left LED: Data link at port LAN1*	left LED: Data link at port LAN2*	

* LED blinks by data transmission

7) Product Maintenance



The product requires no special maintenance. Use only dry cloth to clean the product and do not use any liquid agents.

8) Troubleshooting

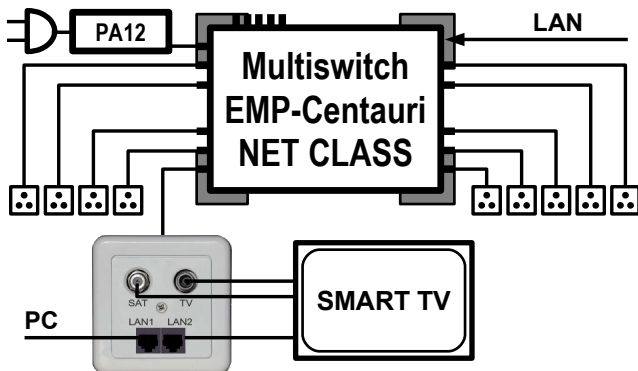
If the coaxial data link fails (the right LED at LAN1 sockets is OFF), remove temporarily the coaxial cable from SAT output. If the data link will not restore, contact the system administrator.

If some satellite channels are not available, make sure that your receiver supports DiSEqC 1.0 commands and all satellites to be received have properly assigned DiSEqC positions. Contact your system administrator in case of doubt.

9) Symbols Explanation

	certificate of conformity
	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.

10) Wiring Diagrams



11) Contact

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