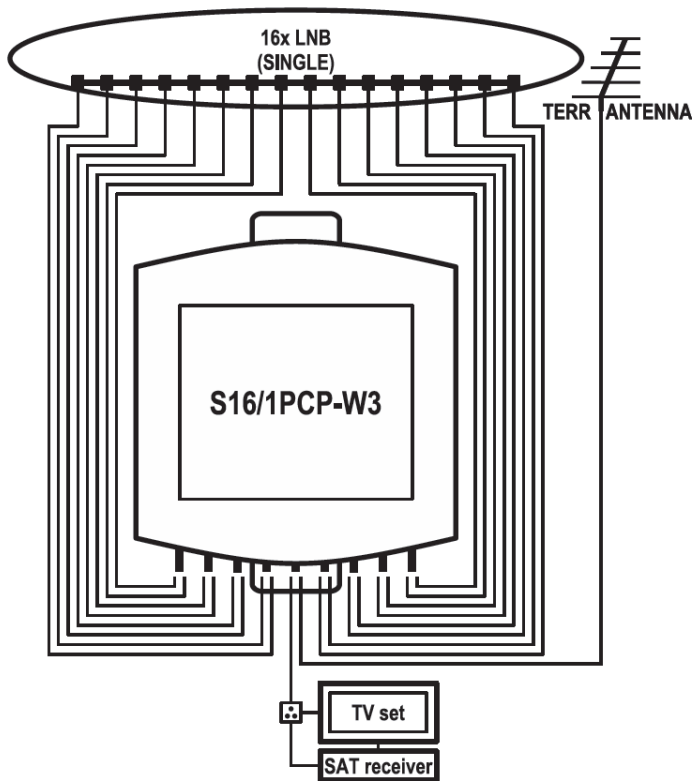


Example of connection:



1/003555

Instruction Manual

S16/1PCP-W2



Dear Customer

Congratulations on the purchase the 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.

The products are covered under warranty for up to 4 (four) years from the date of manufacturing. To enable superior warranty and post service warranty service, keep all purchase records in a safe place. It is also recommended to keep the original packaging for the warranty period.

Product installation

Product is possible to use outdoor, placing into vertical position, with the connectors down. 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 www.dmm-tv.com.



Technical specifications

Frequency range: terrestrial band (TERR) 5-862 MHz,

satellite band (SAT) 950-2150 MHz

Insertion Loss: 5 dB avg (950-2150 MHz), 2 dB avg (5-862 MHz)

Isolation between inputs: 25 dB min

LNB power: 400 mA max

Power consumption: 80 mA (18V)

Connection

Product S 16/1 PCP-W3 is a multi-mode satellite DiSEqC switch, designed for connecting of up to 16 satellite converters (LNBs) and terrestrial antenna to 1 user. Before installation, remove the product from plastic shield and connect coaxial cables from each LNB into satellite input ports ("SAT1 IN" to "SAT16 IN"). It is recommended to write down assignment of inputs for receiver's setup and future reference. If required, connect cable from terrestrial antenna into port "TERR IN" and use appropriate wall socket or frequency splitter to separate satellite and terrestrial bands on user end of coaxial cable. Note: there is no DC feed provided on terrestrial input.

Modes of operation

Set desired operation mode by means of DIP switch located on rear side of metal housing. There are four modes of operation available:

- 1) DiSEqC 1.0 (committed switch - position/option A to D, available inputs 1 to 4)
- 2) DiSEqC 1.1 (uncommitted switch 1 to 16)
- 3) combined DiSEqC 1.0 & 1.1 (committed switch - position/option A to D, uncommitted switch 1 to 4)
- 4) DiSEqC 1.2 (16 motor positions)

Mode selection guide

Use DiSEqC 1.1 mode, if your receiver supports uncommitted switch parameter 1 to 16. Use DiSEqC 1.0 & 1.1 mode, if your receiver supports uncommitted switch parameter 1 to 4 only. In this case set committed switch as well. If the receiver doesn't support DiSEqC 1.1 mode at all, use DiSEqC 1.2 mode and carry out configuration procedure for motorized antenna.

See product sticker located on plastic shield for detailed information on DIP switch levers positions (ON position is set when the lever is pressed down) and required DiSEqC parameters. Note: mode setting change (DIP switch levers positions) will take effect only after reset is performed: Disconnect the product from the receiver and reconnect it again after several seconds.

Receiver's configuration procedures may. Please follow instruction manual of Your receiver.

After successful setup, reinsert metal box back into plastic cover and fix on the final position.

Extension options

In basic configuration, single universal LNBs are expected to be used with the product. For dual tuner receiver, twin LNBs should be used along with 2 pcs of S 16/1 PCP-W3 switch. For reception on several set-top-boxes, the corresponding number of the switches must be used and appropriate LNBs installed (twin, quad, octo).

In case of more than 16 LNB are to be switched, install 2 pcs of S 16/1 PCP-W3, configure them in DiSEqC 1.1 mode and use suitable DiSEqC 1.0 / DiSEqC 2.0 switch for switching between S 16/1. Consult your dealer or check manufacturer's website www.dmm-tv.com for possible solutions.

Troubleshooting

If there is no signal from single LNB, while others are running, check possibility of short circuit or bad connection on affected input. (Product itself is protected against short circuit condition on all satellite inputs.)

In DiSEqC 1.2 mode, setup procedure may be lengthy. If there are difficulties with identifying the satellites, make sure that transponders selected for the search have no frequency counterparts on other satellites. Alternatively, instead of LNB connect a DiSEqC monitoring tool to the inputs, search the satellite according to LED indicator and save the found position. Repeat the procedure until all satellite positions are fixed. Finally connect the cables from LNB.

Lengthy switching times in DiSEqC 1.2 mode may be caused by the receiver's firmware. If possible, use DiSEqC 1.1 mode instead.

Device disposal



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.

Explanation of symbols on the product



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.