REMOTE MANUAL CONTROL ANTENNA COAXIAL SWITCH, 3,4,6 or 7 POSITIONS, 2 KW PEP

Package Content::

1 pcs: Outdoor unit (with 1m cable.)
1 pcs: Indoor manual control unit .
1 pcs: Power cord 1 m (needed for the indoor unit)

The system consists of two units, the weatherproof switching box that mounts on your tower or mast and the manual control unit thats placed at your operating station. The system provides ease in switching antennas without disconnecting a connector. This antenna switch can be used for 50ohm(46 to75) systems, plus handle 2000 watts SSB, 1500 watts CW. (Tested for extended periods with ACOM1500-power amplifier) or special device for high power 6kW.
All unused terminals are automatically grounded for static/lightning/RF protection.
High power provide special relays with powerful changeover contacts (max current 16A (or 100A). The break down voltage between contact 1 kV. When power off all antenna outputs are also grounded.
Cast aluminum housing ensures a high degree of shielding and protection from nterference.

MS-S7k6

MS-S7

MS-S6

MS-S4

MS-S3

This controller is compatible with antenna switches for 3,4, 6 or 7 antennas.

Connect the remote control unit:

A power supply voltage of 12v to 14v is required with a current of at least 500 mA.
the **red** cable is the **positive** electrode. The power cable may be in other colors. The positive electrode is marked with a label.
Connect the remote unit to the antenna switch via a standard RJ45 network cable.
For independent control switching antennas is use remotes **manual** control.
Before that you need to connect the RJ45 cable from the external device to the remote device. And supply 12v DC power. A cable with RJ45 connectors was chosen, because you can easily reach the required length with cables from the local market.

Manual control:

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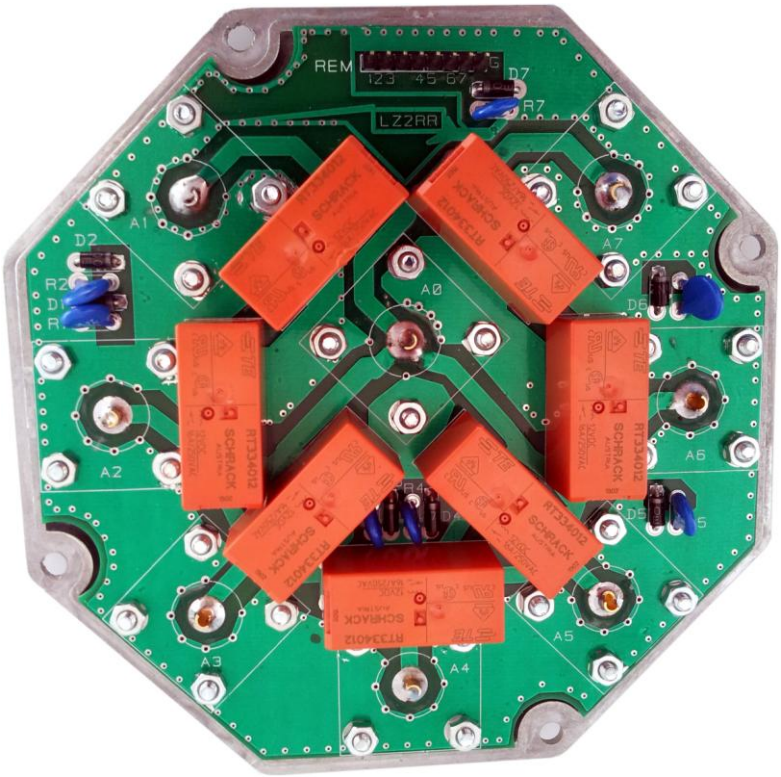
Antenna selection is done with a rotary switch. The number of the selected antenna is displayed on a 7-segment LED indicator.



A view from the inside

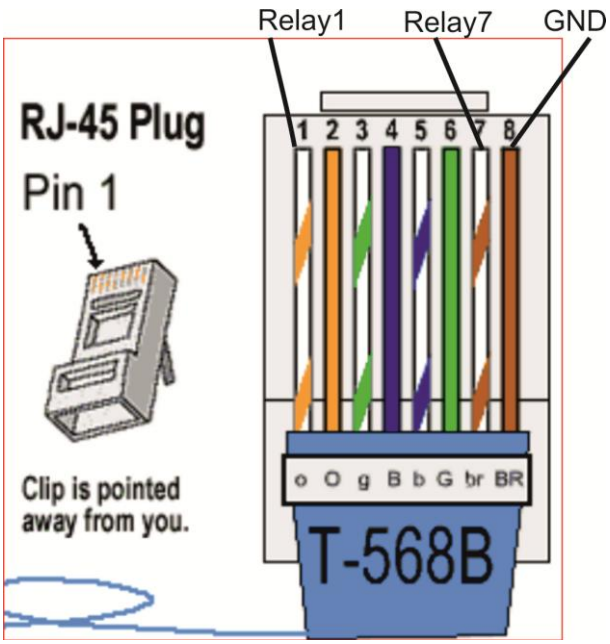
Technical characteristics:

Maximum power:
2000 Watt CW / VSWR<1.5:1
1800 Watts CW / VSWR<2:1
1500 Watt CW / VSWS<3:1
6kW(100A)relay / VSWS<3:1

Max. SWR load: 3:1
Attenuation: < 0.05 dB at 30 MHz
The voltage supply relay: 10-15 V DC
Current consumption: at less than 500 mA
Temperature range: -35 ... +60 gr

• Reliable Connectors: Teflon UHF-style SO-239 females, gold plated contacts.

• Control Line: Uses any 8 conductor UTP cable.

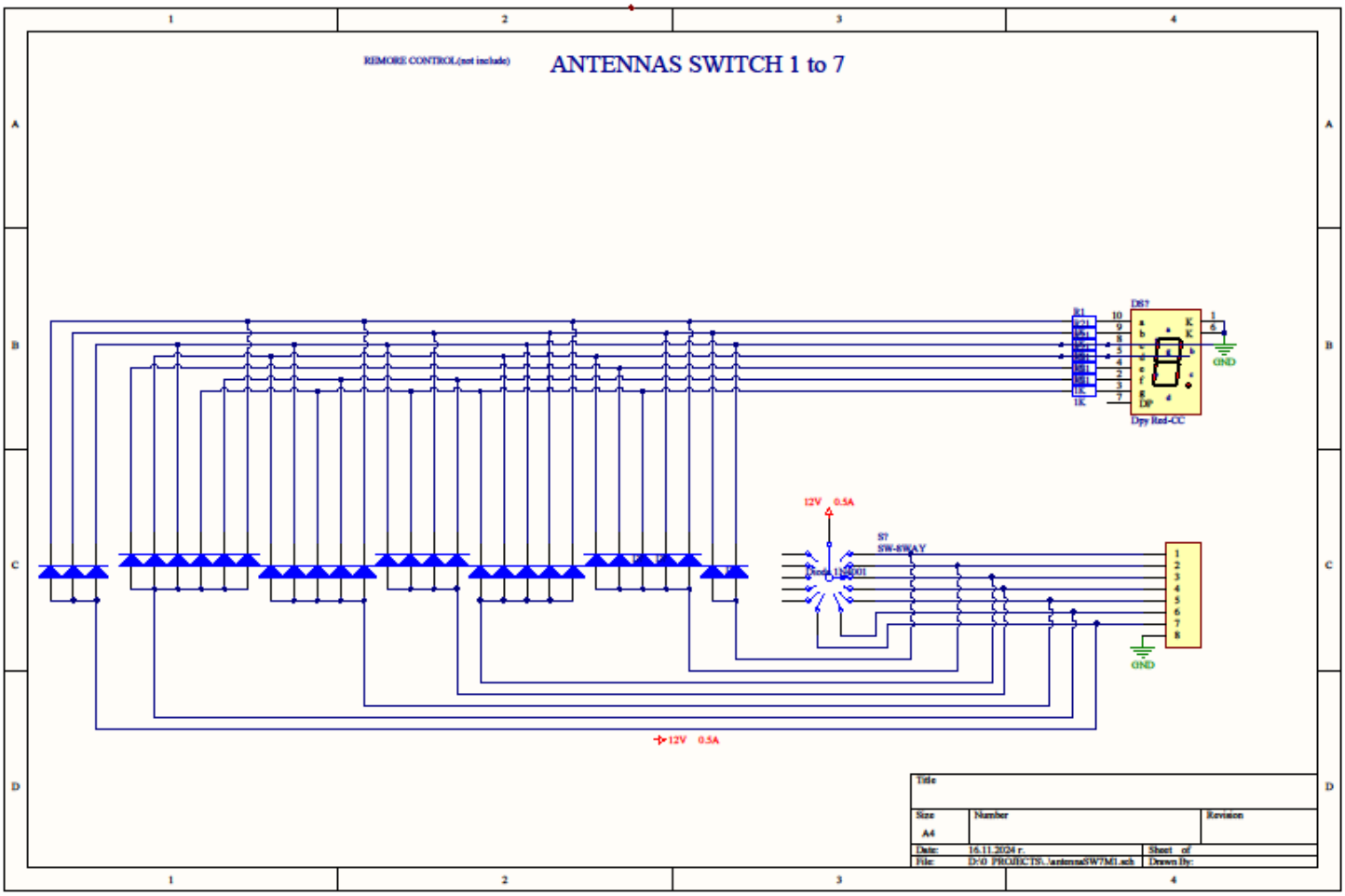
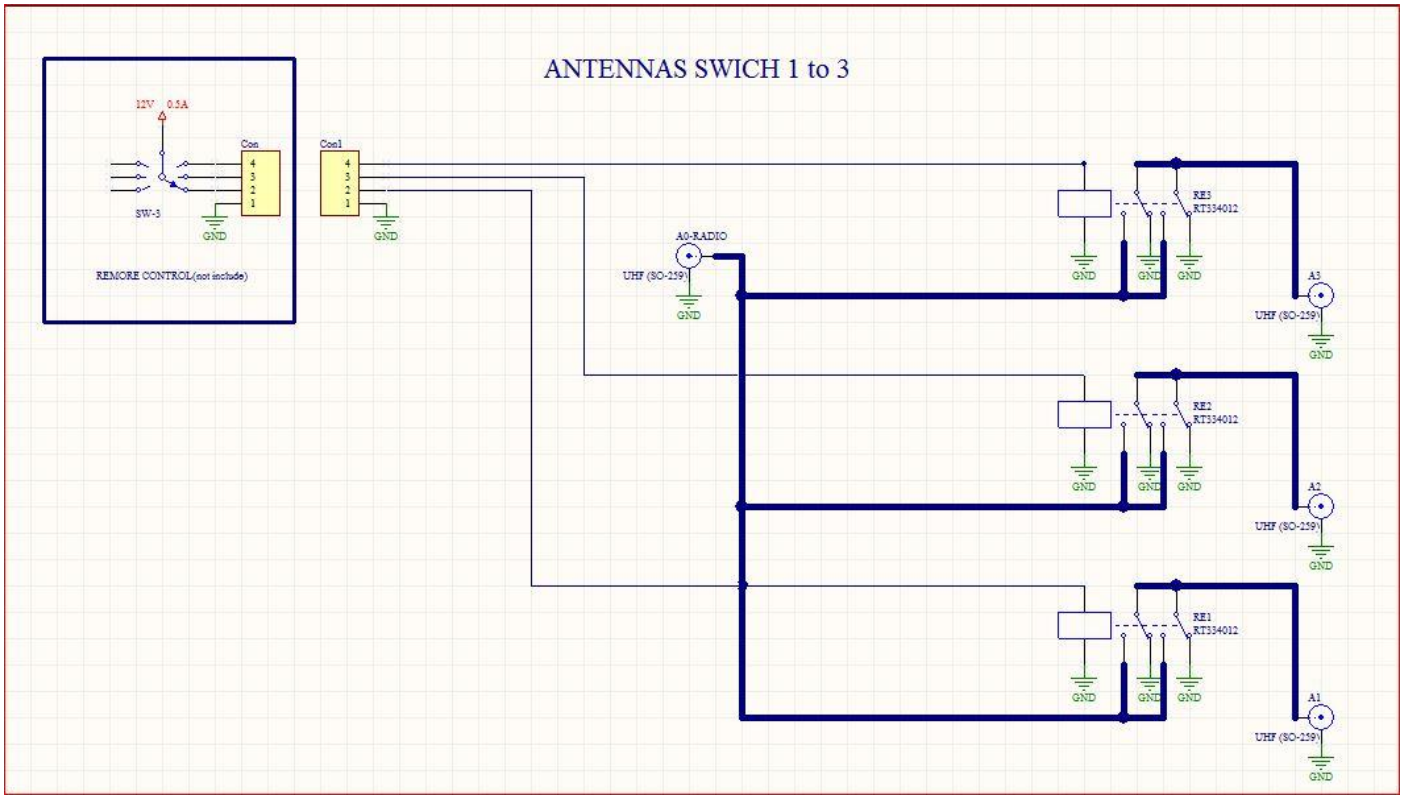


Attention!
This cable is not intended for connection with ETERNET devices! Do not plug it into a router or other device!
The connection to the network is only via WiFi!

The set is absolutely ready for use. Quality checked, tested and functioning.
You only need 8pin UTP/FTP straight cable to connect the Outdoor to Indoor unit and 12VDC power supply.

The author reserves the right to make changes that do not degrade the performance of the device.

73,Miro (LZ2RR) ANTENI.NET Ltd.



The following illustrations show a 3 position switch. In a similar way with built 4 or 6 or 7 position selectors: