

USER MANUAL



MUX841

MPEG2 Audio-Video Coder Multiplexer
(briefly Multiplexer MUX841)

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2. GENERAL DESCRIPTION

MUX841 is a 4-channel MPED2 video/audio encoder/multiplexer that is a part of Crypton digital TV system. It makes one multiprogram DVB transport stream from 4 input CVBS or D1 video and 4 stereo audio signals. You can easily choose which one of its CVBS or D1 inputs is to be selected as an input of a MPEG2 encoder. PID and SI edit functions are also possible with the device application control software wire RS-232 interface port.

3. Installation

- Put the device into its place of operation and fix it tight using special fixing apertures 1 shown in Fig. 1.
- Make sure the device have reliable earth connection before it will be attached to
- The power source 2 of Fig.2.
- Make sure the connected devices have the same earth as multiplexer device.
- Use input switcher control input 9 of Fig.2 to select CVBS or D1 video is to be supplied to the MPEG2 encoder input. Two associated stereo audio inputs are also selected accordingly. Open (means 'Z' load) state of this select input means CVBS and associated audio inputs are chosen. D1 (CCIR-656) and its audio is used when this input is in Closed (means '0' level or ground) state.
- Use BNC plug fore CVBS RCA fore audio and RJ-45 for D1 (CCIR-601) connection to the source TV program device.
- Patch cable is used to deliver output transport stream from LVDS output of the multiplexer to the LVDS input of the Crypton coder device (see COD802MS Datasheet).
- * Use RS-232 port for PC configuration of the device by means of a special software program "Devloads".
- Note 1. Use this function only if MUX841-02 output is directly fed to the Crypton QPSK modulator. We recommend to use device default settings if You use the device as stream source for COD802MS.

4. Operation

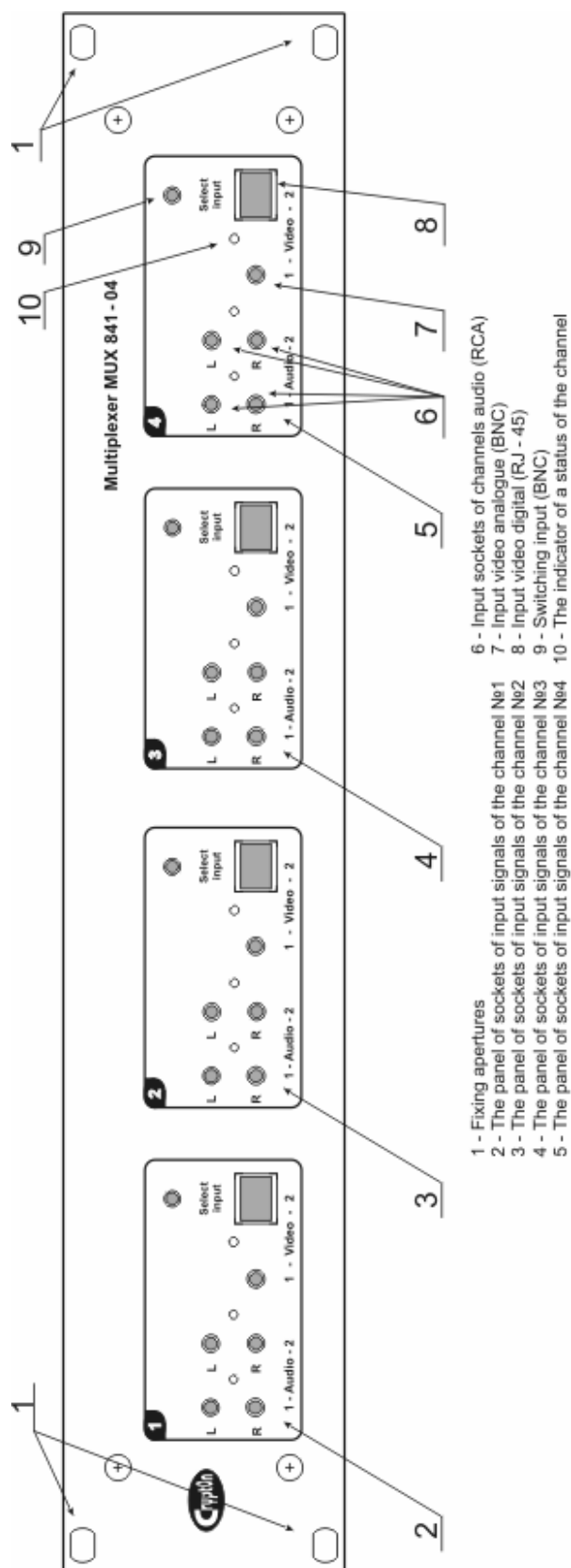
- Make sure all connections is correct (see “Installation” above).
- Power On the device is made with the Power switch 2 Fig.2 placed on the rear panel of the multiplexer.
- 10 to 15 seconds it takes before the device is ready.
- Green led color at the front panel means the channel operates correct.
- Red signals the error.

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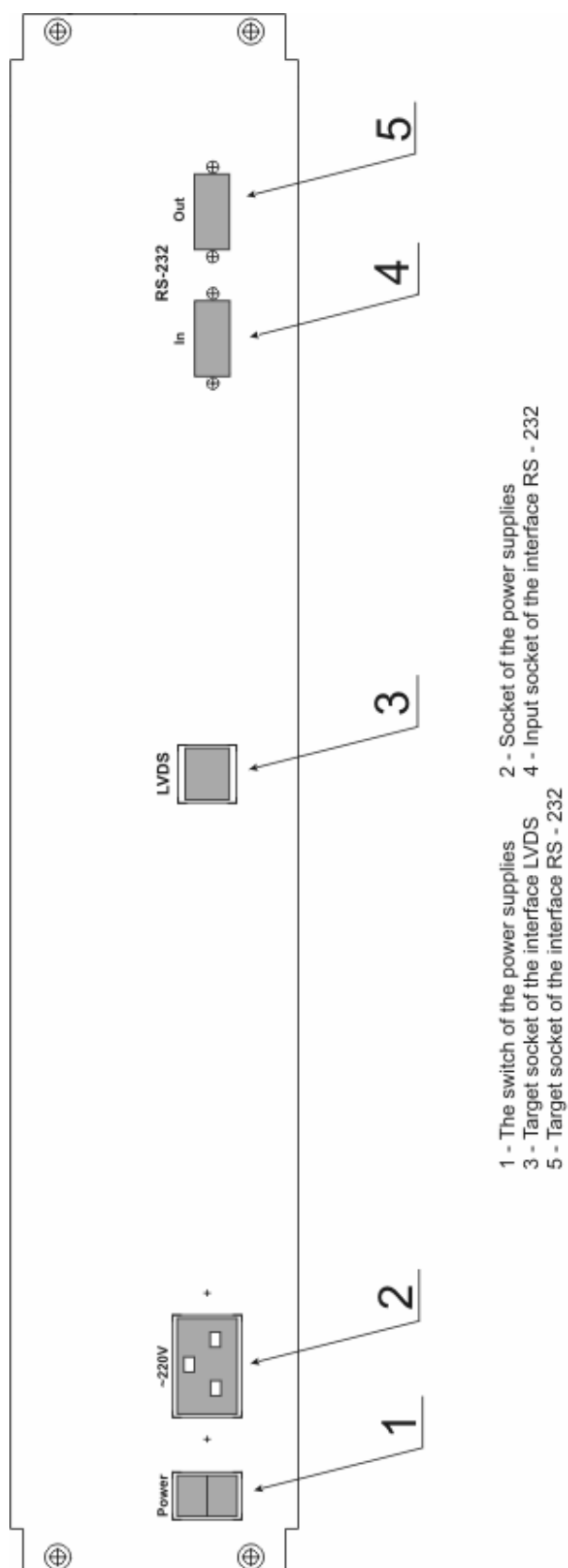


5. Front view of MUX841



PIC.1 Front panel MUX841-04

6. Rear view of MUX841



PIC.2. The back panel of MUX841-04