

MUX841



MUX841 four-channel MPEG2 encoder-multiplexer

Description

MUX841 is a part of equipment for digital broadcasting networks. The functions of this device are MPEG2 encoding of four stereo audio and four video (CVBS or D1) input signal and further multiplexing of resulting MPEG2 video streams. MUX841 performs SI/PSI generation and transport stream processing according to DVB specification. For resulting multi program transport stream transmission used high speed Serial LVDS interface

Applications

Typical applications of the MUX841 are head-end stations of digital cable, MITRIS, MMDS- and LMDS-networks.

● CCIR-656(D1) or
analog CVBS

● MPEG-2 4:2:0 MP@ML 4 Mbit/s
video encoder

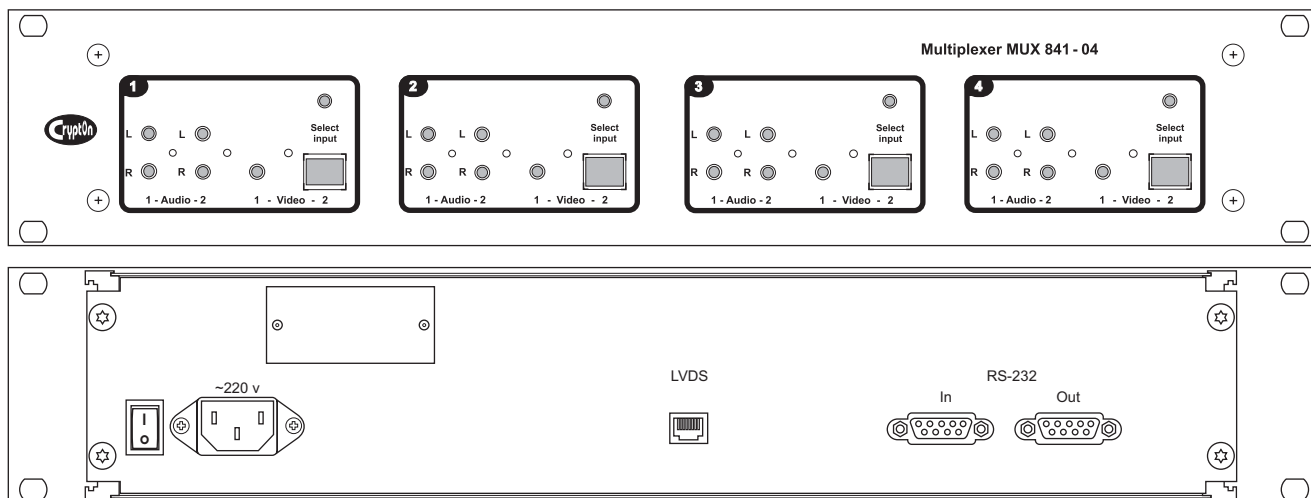
● MPEG Layer 2 and Layer
audio encoder

● Effective multiplexing
algorithm

● Video switcher independent
for each channel

● RS-232 control
interface

MUX841



Inputs

Serial LVDS (D1):

- ♦Number: 4
- ♦Connector: RJ-45

CVBS:

- ♦Number: 4
- ♦Connector: BNC

Outputs

Serial LVDS:

- ♦Speed up to 16,5 Mbps
- ♦Data format: Multi-program MPEG2
- ♦Connector: RJ-45

Processing

- ♦MPEG2 encoding
- ♦Multiplexing
- ♦SI generation

Management and monitoring

- ♦Interface: RS-232
- ♦Connector: DB-9

Software:

- ♦LoadDevs

Physical properties

Size:

- ♦2U (19")
- ♦480x90x295
- ♦Weight: Not larger then 3 kg

Power supply:

- ♦90-260V AC 50/60 Hz
- ♦Power: Not larger then 40W

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