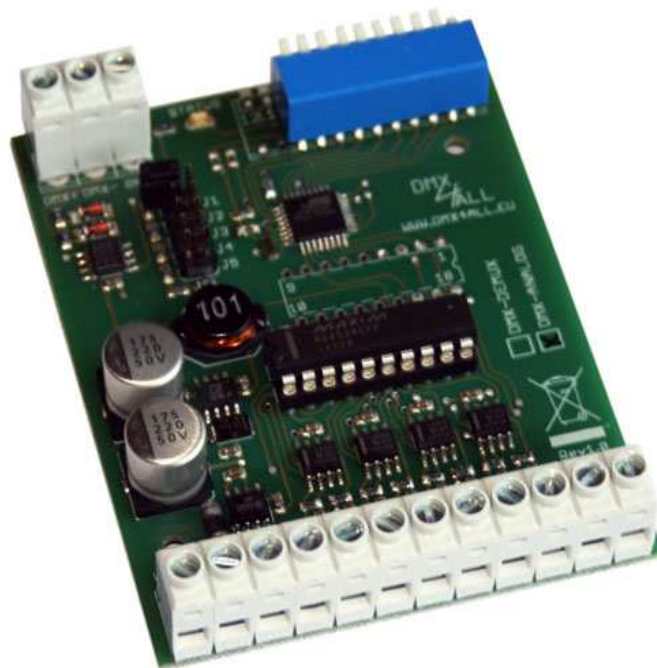


DMX-Analog 0-10V 8 Channel

User Manual

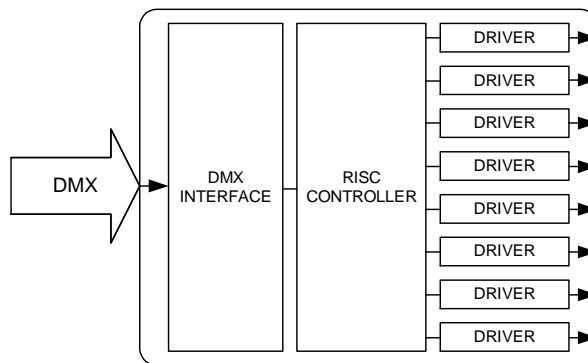


DMX [®]
4
ALL

Description

The **DMX-Analog 0-10V 8-Kanal** is excellent suitable to control electronic devices with 0-10V or 1-10V control input.

At the output 8 analog signals with 0-10V output voltage are available. Each output is controllable via one DMX-channel and is divided in 256 steps.



Each output has an output driver with max. 10mA

Technical Data

Power supply: 12-24V DC / 50mA

DMX: 8 DMX-Channels

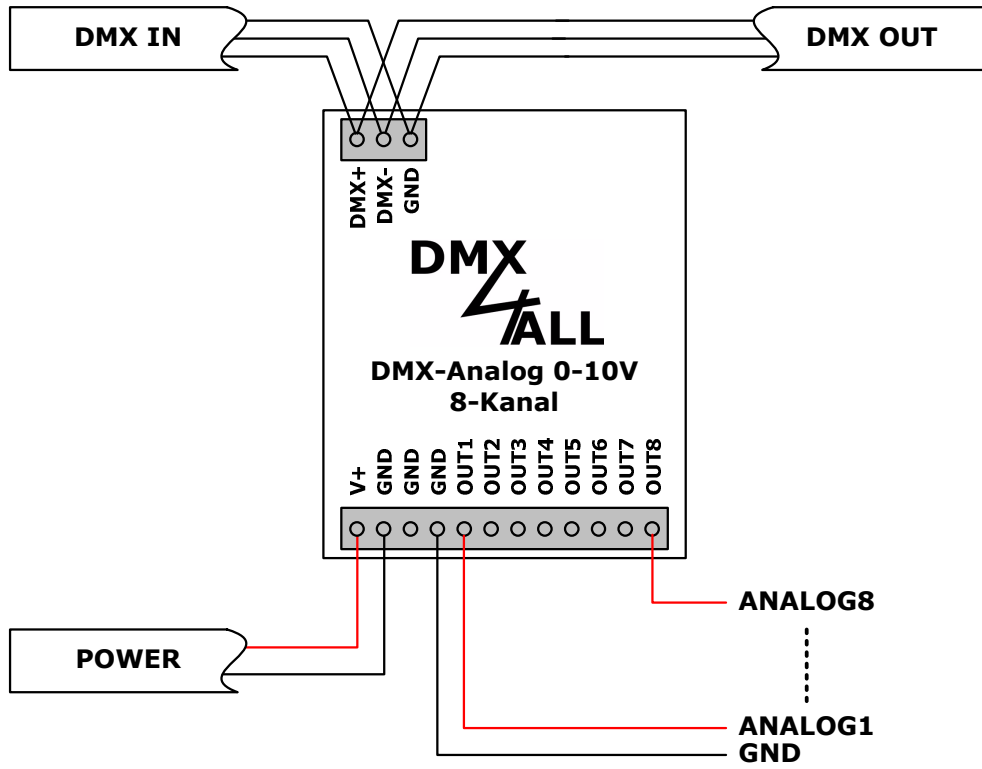
DMX-Fail: Hold / Off / On

Output: 8 outputs with driver
max. 10mA

Connection: via screw terminals

Dimensions: 64mm x 82mm

Connection



LED-Display

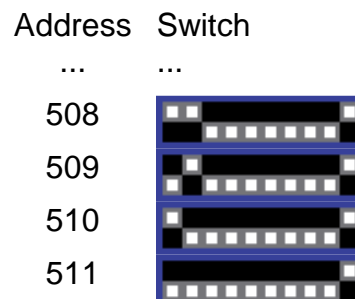
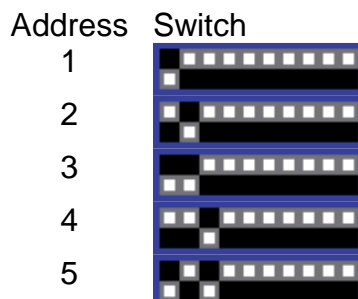
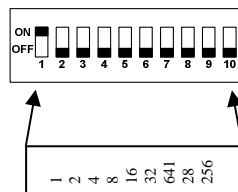
The LED is a multifunctional display. In the normal operation mode the LED lights non-stop. In this case the device is working.

Furthermore the LED signals the status. In this case, the LED lights up in short pitches and then turn into off modus. The number of flashing signals is equal to the error status:

Error Status	Error	Description
1	No DMX	There is no DMX-signal
2	Address error	Please check the set DMX-Address
3	DMX-Signal error	An invalid DMX input signal is detected. Invert the signal line by changing switch 2 and 3 or use a twisted pair wire.

Addressing

The starting address is adjustable via a DIP-Switch. Switch 1 has the valency $2^0 (=1)$, switch 2 has the valency $2^1 (=2)$ and so on... finally switch 9 has the valency $2^8 (=256)$. The sum of the switches showing ON, represents the starting address.



To invert the output-signal please use switch 10.

Behavior by missing DMX-signal

Via a jumper you can adjust the outputs reaction by missing DMX-Signal.

No jumper closed:	Outputs last shut down
Jumper J1 closed:	Outputs last unchanged
Jumper J2 closed:	Outputs last turned on

Accessories

Top-hat rail mounting 700



Power supply 12V / 20W



CE-Conformity



This assembly (board) is controlled by a microprocessor and uses high frequency. In order to maintain the properties of the module with regard to CE conformity, installation into a closed metal housing in accordance with the EMC directive 2014/30/EU is necessary.

Risk-Notes

You purchased a technical product. Conformable to the best available technology the following risks should not be excluded:

Failure risk: The device can drop out partially or completely at any time without warning. To reduce the probability of a failure a redundant system structure is necessary.

Initiation risk: For the installation of the board, the board must be connected and adjusted to foreign components according to the device paperwork. This work can only be done by qualified personnel, which read the full device paperwork and understand it.

Operating risk: The Change or the operation under special conditions of the installed systems/components could as well as hidden defects cause to breakdown within the running time.

Misusage risk: Any nonstandard use could cause incalculable risks and is not allowed.

Warning: It is not allowed to use the device in an operation, where the safety of persons depend on this device.

Disposal



Electronical and electronic products must not be disposed in domestic waste. Dispose the product at the end of its service life in accordance with applicable legal regulations. Information on this can be obtained from your local waste disposal company.



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