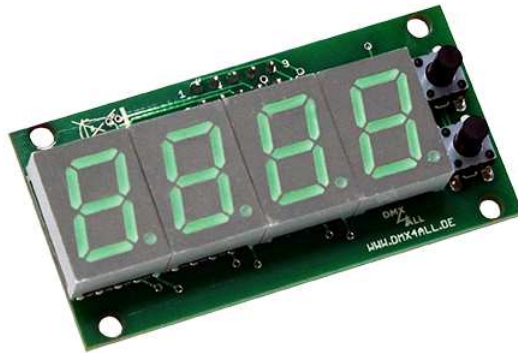


# DMX-Address module with LED-Display

User Manual



**DMX** <sup>®</sup>  
**4**  
**ALL**

## Description

The DMX-Address module with LED-Display is a helpful additional module which is grinded in the DMX-Line.

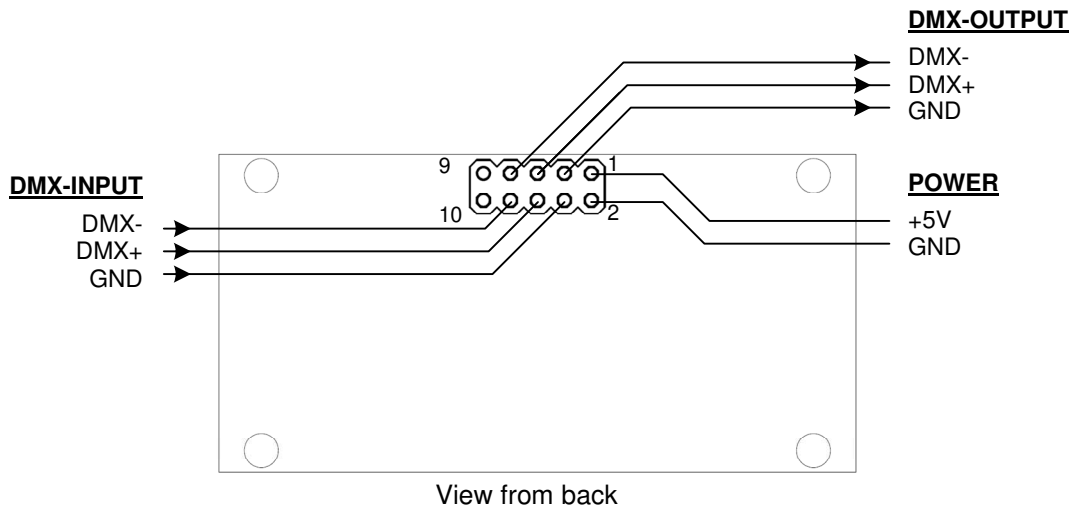
The DMX-Channels can be shift up as well as down within the DMX-Universes (shiften).

The usage occurs via two buttons. The operation mode as well as the value (DMX-Address) can be adjusted.

## Data sheet

<b>Power supply:</b>	5V DC / 50mA
<b>DMX-Input:</b>	512 Channels
<b>DMX-Output:</b>	up to 512 Channels
<b>DMX-Output LOAD:</b>	Driver for 32 devices (LOAD-UNITs)
<b>Signal delay:</b>	ca. 0,1µs (Address-Mode / Shift-Down) ca. 25ms (ChannelAdd-Mode / Shift-Up)
<b>Board dimensions:</b>	60mm x 30mm

## Connection



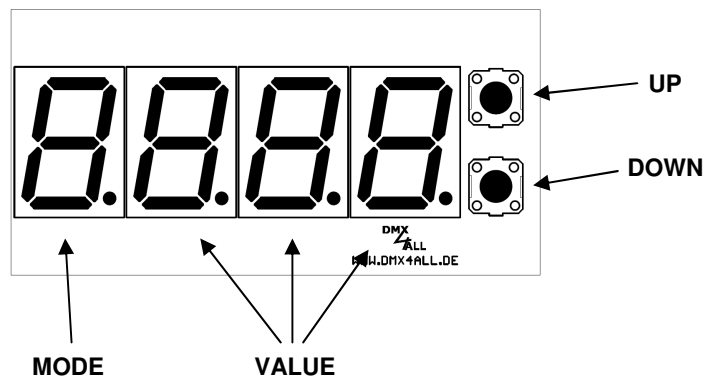
PIN	FUNCTION	PIN	FUNCTION
1	+5V	2	GND
3	GND	4	GND
5	DMX+ OUT	6	DMX+ IN
7	DMX- OUT	8	DMX- IN
9	---	10	---

## Set the Operation Mode

The DMX-Address module with LED-Display serves two operation modes.

Within the Address-Mode the DMX-Channels are shifted down in the DMX-  
Universe. Within the ChannelAdd-Mode the DMX-Channels are shifted up in the DMX-  
Universe.

Switching between the two operation modes occur by pressing and hold DOWN and  
additional pressing UP.



The adjusted operation mode MODE is displayed as  $\overline{\text{A}}$  for Address-Mode  
and  $\overline{\text{C}}$  for the ChannelAdd-Mode.

The setting is logged within the internal storage after ca. 30 seconds, so it is not lost  
by shut down the device.

## Address-Mode (SHIFT-DOWN)

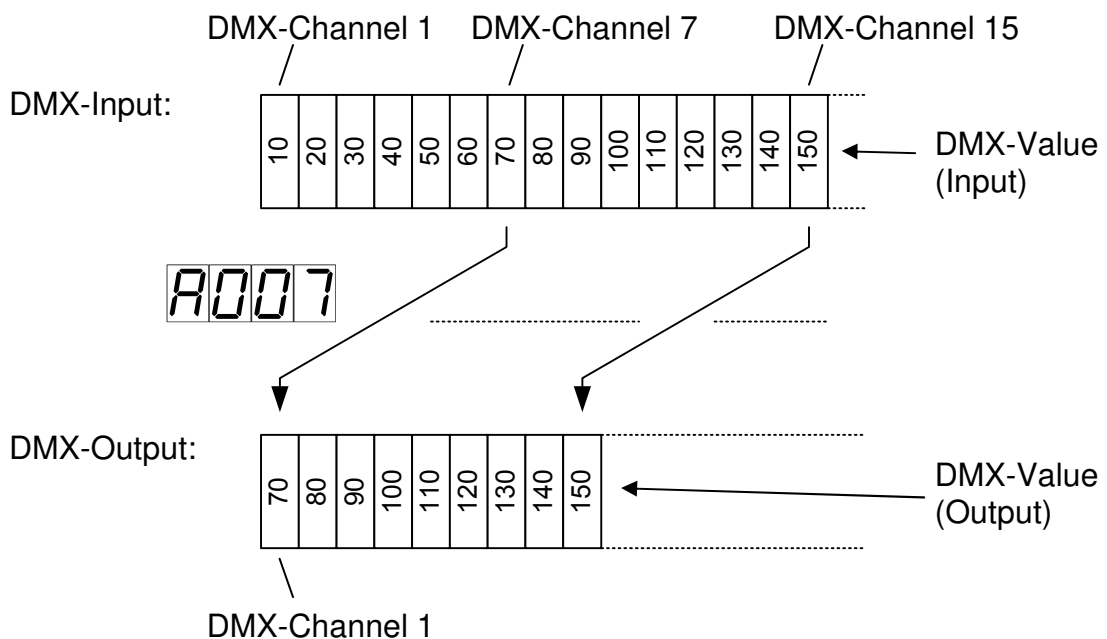
Within the Address-Mode DMX-Channels are shifted down within the DMX-Universe. The operation mode is signalled with **A** at the display.

Please press UP and DOWN to set the value range between 1 and 512.

The setting is logged within the internal storage after ca. 30 seconds, so it is not lost by shut down the device.

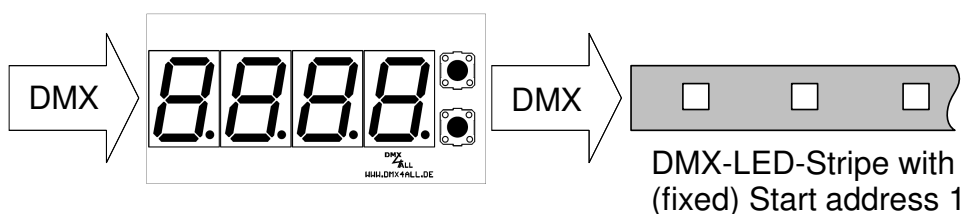
The DMX-Channels of the DMX-Input are shifted down of the set value less 1 and replayed at the DMX-Output.

### Example



### Application example

In the Address-Mode the start address can be adjusted of a connected device. E.g. a LED-Stripe. Therefore the devices start address must be set on 1.



## ChannelAdd-Mode (SHIFT-UP)

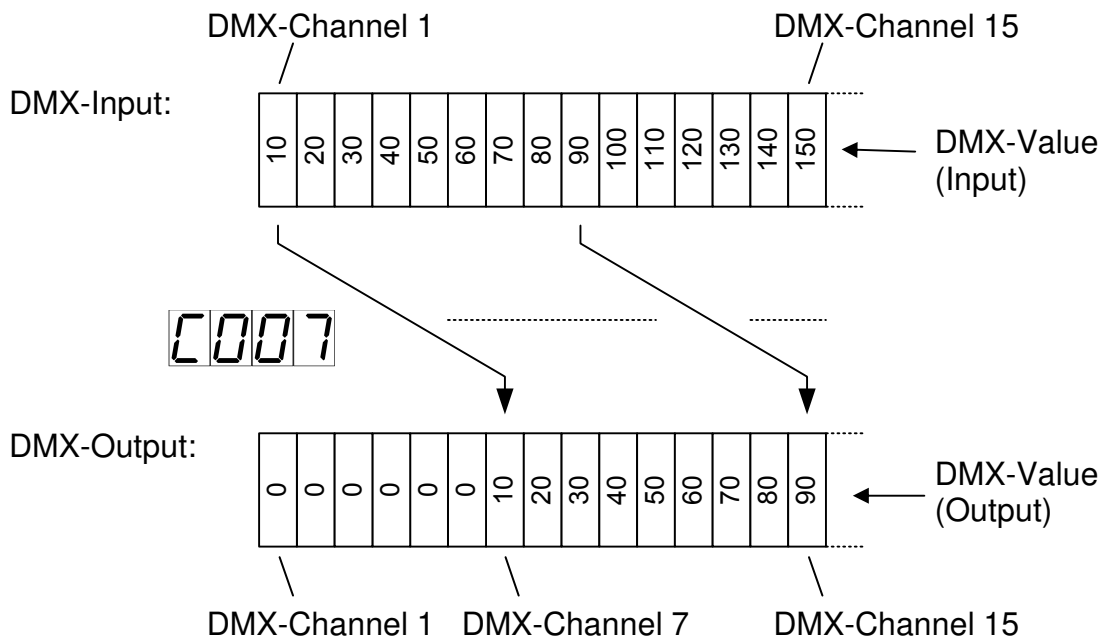
In the ChannelAdd-Mode the DMX-Channels in the DMX-Univers are pushed upwards. The operation mode is displayed with  $\square$ .

Pressing UP and DOWN the value is adjusted in a range between 1 up to 512.

The setting is logged within the internal storage after ca. 30 seconds, so it is not lost by shut down the device.

The DMX-Channels of the DMX-Input are shifted up of the set value less 1 and replayed at the DMX-Output.

### Example



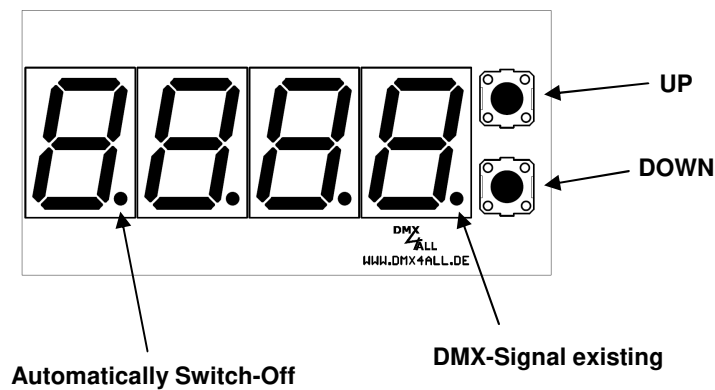
## Automatically Display Switch-Off

The DMX-Address module with LED-Display serves the setting to switch off the display automatically after ca. 10 minutes from the normal operation mode.

During the normal operation mode the DMX-Signal must be connected meanwhile and it is not allowed to use any button.

As soon as the DMX-Signal is lost or a button is used the display is switches on again.

The activation / deactivation occur by pushing and hold UP and then pushing additional DOWN.

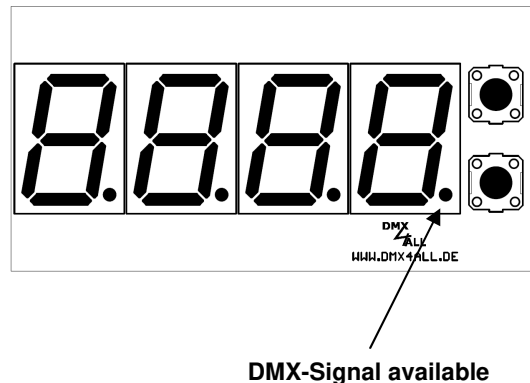


The activation of the automatically switch-off is signalled with a permanent lighting point. If the point is not lighting so the automatically switch-off is deactivated and the display doesn't shut down.

The setting is logged within the internal storage after ca. 30 seconds, so it is not lost by shut down the device.

## DMX-Signal Display

The DMX-Address module with LED-Display shows via the right point at the Display if a DMX-Signal is available at the entry.

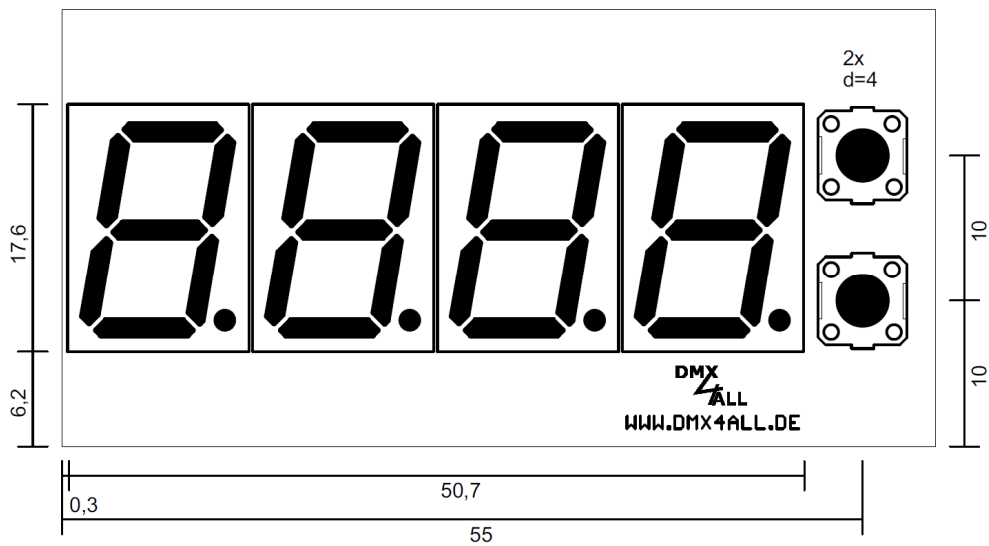
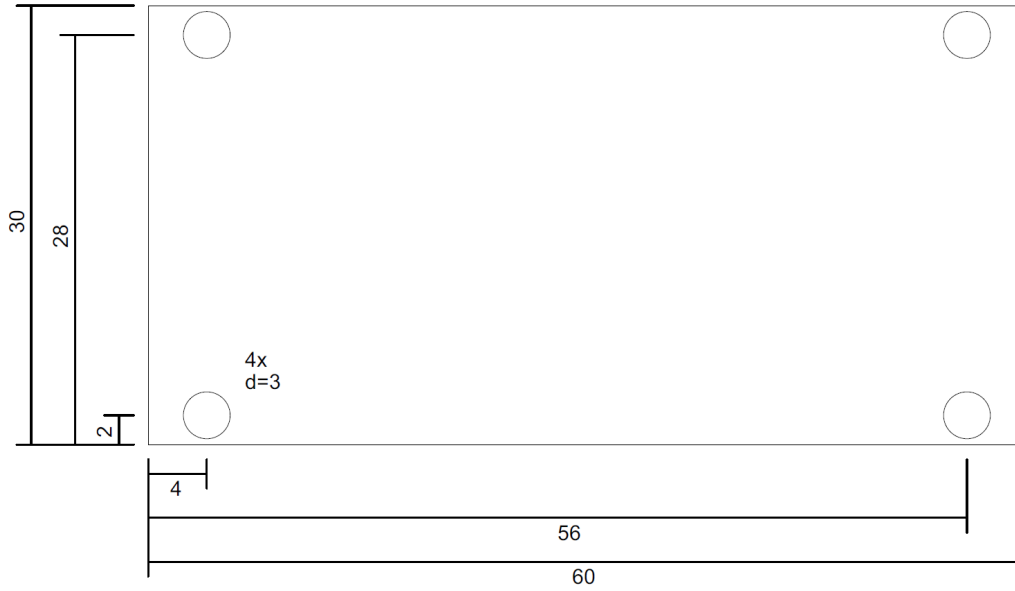


If point „DMX-Signal available“lights, the DMX-Signal is recognized at the DMX-Entry.

If point „DMX-Signal available “doesn't lights, no DMX-Signal is available at the DMX-Entry.



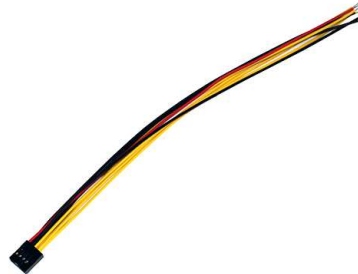
## Dimensions



All details in mm

## Accessoires

Cable set D for DMX-Address module  
Art.-No.: 11-2024



## 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.





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