

# DmxMerger

The DmxMerger is a tool for combining signals from multiple lighting controllers into a single DMX network. Up to six different DMX signals can be merged together.

How the DMX signals are merged together depends on the merging strategy. The Dmx-Merger offers three different strategies amongst its six inputs: LTP, HTP and Priority.

The Latest Takes Precedence strategy selects one of the **LTP** inputs based on which port had the most recent change. This can be a change in channel levels or a DMX signal becoming active.

The Highest Takes Precedence strategy is used for combining the **HTP** inputs and the result of the LTP merging. In this strategy each DMX channel is compared across the inputs and the highest value is forwarded to the output.

If a DMX signal is present on the **Priority** input then this input is forwarded directly to the DmxMerger's output. In this case all other inputs are ignored.

## SPECIFICATIONS

- DIN Rail mounting
- DMX512-A (ANSI E1.11)
- Priority, HTP & LTP merging
- Screw terminals
- 6 Inputs
- Optical Isolation (individual per port)
- 9-24V DC 500mA (PSU optional)
- Operating temperature -20°C to +50°C (-4°F to 122°F)
- Compliance EN55103-1 EN55103-2

