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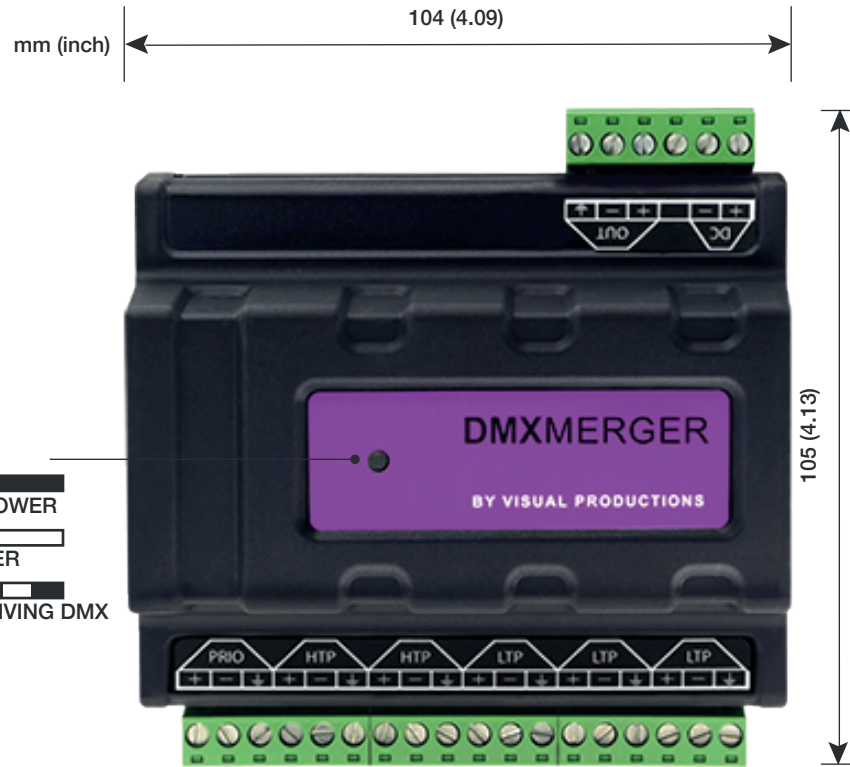
The Latest Takes Precedence strategy selects one of the **LTP** inputs based on which port had the most recent change. This can be a change in channel levels or a DMX signal becoming active.

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.

mm (inch)

104 (4.09)

105 (4.13)

LED

NO POWER

POWER

RECEIVING DMX

59 (2.32)

PINOUT
1 PRIO +
2 PRIO -
3 PRIO ⏚
4 HTP1 +
5 HTP1 -
6 HTP1 ⏚
7 HTP2 +
8 HTP2 -
9 HTP2 ⏚
10 LTP1 +
11 LTP1 -
12 LTP1 ⏚
13 LTP2 +
14 LTP2 -
15 LTP2 ⏚
16 LTP3 +
17 LTP3 -
18 LTP3 ⏚

PINOUT
1 DC +
2 DC -
3
4 OUTPUT +
5 OUTPUT -
6 OUTPUT ⏚

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