



Merger 6 in 2

19 " DMX merger for 6 on 1 or 2x 3 on 1 universes

The LSS Merger 6 in 2 is a merger with a very high throughput rate and the lowest possible delay time of DMX signals. The device works with a very fast real-time multitasking operating system. In combination with the fast CPU, the merging can be done with the incoming DMX signals. This ensures that only a maximum latency of one protocol (22.4ms) can occur.

A particular advantage of the LSS Merger 6 in 2 is its high flexibility. The device can be used either as a 6-in-1 or as a double 3-in-1 merger. When using the LSS Merger 6 in 2 as a double 3-in-1 merger, one device can also be reduced.

The LSS Merger 6 in 2 is designed as a device for 19 " rack systems. But it can also be used portable and decentralized.

These main features characterize the LSS Merger 6 in 2:

- 6 isolated DMX inputs with DMX Thru
- 2 independent, isolated DMX outputs
- Merging of up to six DMX lines into one signal (outputted in parallel to the two outputs)
- Two in One Merger: Merging of each three DMX lines into one output signal
- Configuration via hexadecimal rotary switch
- LEDs for report
- Intelligent DMX signal detection and restoration by microcontrollers
- Small, lightweight and energy-saving design using the latest processor technology
- No active cooling, noiseless

Technical specifications:

Configuration	6 in 2 or 2x 3 in 1 in HOLD or "Send zero" Configuration with a hexadecimal rotary switch
DMX input	6x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification 6x XLR 5-pin, electrical isolation with optocoupler
DMX outputs	2x RJ45 (Neutrik EtherCon®), PIN assignment to ESTA specification or 2x XLR 5-pin, electrical isolation with optocoupler and 6x DMX-THRU
LEDs	Power: Power supply DMX-In: 6x DMX512 active on input DMX protocol detection by signal analysis DMX-Out: 2x DMX512 active on out connectors
Power supply	85 to 264 V AC one-phase / 47 to 63 Hz Power supply cable IEC 60320
RoHS Directive	Confirmed
Design	19" Rack system 1 U
Dimension (W x H x D)	448 x 42 x 106 mm
Weight	850 gram
Order number	RJ 45: 5005 XLR: 5015