

Seven output DMX/RDM isolated splitter

model: 127-3, 127-5, 127-RJ, 127-TB
technical data sheet



The model 127 is a bi-directional DMX512/RDM splitter. It is available with 3 pin (model 127-3) or 5 pin (model 127-5) XLR connectors, RJ45 connectors (model 127-RJ) or terminal block connectors (model 127-TB). Each of the eight ports is fully isolated, and bi-directional with optical isolation, fault protection

to $\pm 60V$, and transient protection to $\pm 15KV$. The unit has a universal voltage power supply and uses slew-rate-limited output drivers. Slew-rate-limited drivers minimize EMI and reduce reflections caused by improperly terminated cables.

- SPECIFICATIONS:** All specifications meet or exceed DMX512 requirements.
- Input circuit: EIA-485 transceiver with 120 ohm fail safe termination between +Data and -Data
- Input protection: Undamaged by up to ± 60 Volts continuous, $\pm 15KV$ transients.
- Input signal: DMX512, DMX512/1990, DMX512-A, or RDM. 0.2 volts minimum, 12 volts maximum
- Signal connectors: Gold plated 5 pin Neutrik D-1 Series (3 pin connectors, terminal blocks, or RJ45 optional)
- Termination: Input and all outputs are terminated per RDM specifications.
- Power input: 100 to 240 VAC 50/60 Hz, 1/2 Amp
- Indicators: Red LED for POWER. Green LED for presence of DMX512 or RDM.
- Isolation: All eight ports are electrically isolated from each other to 1000 Volts.
- Color: Front, Back: Black
Top, Bottom, Sides: Silver Hammertone
- Size and weight: 1.7"h X 6.5"d X 16.5"w, 4.5 pounds
- Environmental: 0-40 degrees C, 10-90% humidity, non-condensing
- Mounting: Capable of being installed in a standard rack with a rack kit (model RK16-1).
- Warranty: Five years parts and labor. Products must be returned to Doug Fleenor Design for warranty repair. Shipping to Doug Fleenor Design is to be paid by the customer. Return ground freight is paid by Doug Fleenor Design. Warranty covers manufacturing defects.

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