



User Guide

DMXSM-H18 Splitter



DMXSM-H81 Merger



Warranty

Leviton Manufacturing Co Inc. warrants this device to be free of material and workmanship defects for a period of two years after system acceptance or 26 months after shipment, whichever comes first. This Warranty is limited to repair or replacement of defective equipment returned Freight Pre-Paid to Leviton Lighting Management Systems Division at PO Box 2210, Tualatin, Oregon 97062, USA. User shall call 1-800-959-6004 and request a return authorization number to mark on the outside of the returning carton, to assure that the returned material will be properly received at Leviton. All equipment shipped back to Leviton must be carefully and properly packed to avoid shipping damage. Replacements or repaired equipment will be returned to sender freight prepaid, F.O.B. factory. Leviton is not responsible for removing or replacing equipment on the job site, and will not honor charges for such work. Leviton will not be responsible for any loss of use time or subsequent damages should any of the equipment fail during the warranty period, but agrees only to repair or replace defective equipment returned to its plant in Tualatin, Oregon. This Warranty is void on any product that has been improperly installed, overloaded, short circuited, abused, or altered in any manner. Neither the seller nor Leviton shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the equipment. This Warranty does not cover lamps, ballasts, and other equipment which is supplied or warranted directly to the user by their manufacturer. Leviton makes no warranty as to the Fitness for Purpose or other implied Warranties.

Notice

Although the information contained within this user guide is believed to be accurate at the time of printing, it is not guaranteed to be without fault and is subject to change without notice. Future software releases may change the features or operation of this product. For current information contact:

Leviton Lighting Management Systems Division
20497 SW Teton, Tualatin, OR 97062

Mailing Address:
PO Box 2210
Tualatin, OR 97062

Customer Service: (800) 736-6682
Technical Support: (800) 959-6004
Fax: (503) 404-5601
Internet: LMS.LEVITON.COM

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Leviton DMXSM-H18/H81

The **DMXSM-H18** model allows you to conveniently split one incoming DMX signal into eight separate, opto-isolated, outbound DMX signals.

The **DMXSM-H81** model allows for eight separate, opto-isolated, DMX IN signals to be merged into one outbound DMX signal.

This guide is intended to orient you to the unit(s), please read it carefully to familiarize yourself with the basic operations.

Warnings !

- ! Do not expose unit to rain or moisture, or damage may occur.
- ! There are no user serviceable parts inside. Do not attempt any repairs yourself, as doing so will void the warranty. Please contact Leviton Technical Support if the unit is not functioning properly.
- ! If the unit has been stored in a cold environment (below 40°F), do not turn the power on until it warms up or damage may occur. Avoid situations that could cause condensation to occur inside the unit.
- ! Make sure that the mains power outlet matches the required voltage for your unit.
- ! Do not operate this unit if the power cord is frayed or broken.
- ! Do not remove the ground prong from the power cord. The ground prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- ! Do not operate this unit if it becomes damaged in any way.
- ! Never operate this unit with its cover removed.

Specifications

- Power Input: 12-24VDC at device, AC 100V-240V to 12VDC supply provided.
- Control signal: DMX512.
- DMXSM-H18 front connectors: XLR 5-pin (one DMX IN, eight DMX OUT).
- DMXSM-H18 rear connectors: Hard wire (one DMX IN, eight DMX OUT).
- DMXSM-H81 front connectors: XLR 5-pin (eight DMX IN, one DMX OUT).
- DMXSM-H81 rear connectors: Hard wire (eight DMX IN, one DMX OUT).
- Weight: 1.16 Kg (2.56 Lbs).
- Dimensions: 482W x 100D x 44H mm (19.0W x 3.9D x 1.7H inches).

Front & Rear Panels

Pinout for XLR Connectors

- Pin 1: Common
- Pin 2: Data -
- Pin 3: Data +
- Pin 4: N/C
- Pin 5: N/C

DMXSM-H18



DMXSM-H81



Installation and Operation

DMXSM-H18

1. If required, the unit will mount into any standard size 19 inch rack.
2. Make sure that the power switch on the front panel is turned off before making any connections.
3. Plug the output signal from your DMX console into the front or rear DMX-IN connector.
4. Use the eight front or rear DMX-OUT connectors to send separate DMX signals to your DMX devices.
5. Switch power on.

DMXSM-H81

1. If required, the unit will mount into any standard size 19 inch rack.
2. Make sure that the power switch on the front panel is turned off before making any connections.
3. Plug up to eight DMX input signals into the front or rear DMX-IN connectors.
4. Use the front or rear DMX-OUT connector for the merged outbound DMX signal.
5. Switch power on.

NOTE

The DMXSM-H81 operates in a Highest Takes Precedence or HTP mode. This means that if two or more of the same channels are being received, the DMXSM-H81 will output the level of whichever channel is highest.

Contacting Technical Support

If you cannot find answers in this guide, please contact Technical Support at www.lms.leviton.com and we will be glad to answer your questions. You may also call us during regular business hours at 1-800-959-6004. Please have the model number and serial number available when you call.

Contact Information

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