

# MDR-DIN

## Your Project's Solution



**The MDR-DIN splitter is based on the industry-leading range of LSC's professional MDR splitters and continues the company's long history of developing unique and innovative DMX512/RDM-based products.**

The MDR-DIN has been specifically designed for the permanent installation market and is a DINrail-mounted device providing four individual outputs from one DMX/RDM input. Each output is completely electrically isolated from the input and all other outputs, ensuring that voltage differences and noise will not compromise your installation.

Remote Device Management (RDM) is an extension to the existing DMX standard and allows controllers to configure and, in some cases, monitor DMX-based products. The MDR-DIN handles the management of RDM signals across its four outputs. Unique to the MDR-DIN is the ability to individually disable RDM on any of its outputs using the front-panel switches.

While many devices now offer RDM compatibility, there are still products available that do not perform correctly with RDM, causing the DMX network to flicker or jam when RDM signals are present. The MDR-DIN provides the ability to isolate these devices on one or more outputs by disabling the RDM, thus ensuring RDM can be used successfully on the remaining ports – another LSC first.

With LSC's companion product, Houston X, the state of the RDM-enabled switches can be monitored remotely and a list of connected RDM devices can be reported including which output each device is connected to. Houston X also allows MDR-DIN software to be updated via RDM, so once it's installed there's no need to access the product again.

### Order Codes

<b>MDRD/J</b>	MDR-DIN Splitter – RJ45 input and output connectors and push-fit terminals on power input
<b>MDRD/T</b>	MDR-DIN Splitter – push-fit terminals on power, input and output connectors

## Features

- > Four DMX/RDM outputs
- > Each output is electrically isolated from the input and all other outputs
- > RDM data of each output port can be blocked for situations where legacy equipment is not compatible with RDM signal
- > Splitter is discoverable by RDM
- > LSC's Houston X monitoring and configuration system can display your network topography
- > Each output circuit can be labelled via RDM for greater clarity in more complex networks
- > LEDs for power, DMX and RDM activity
- > CE (European) and RCM (Australian) approved
- > Two-year warranty
- > Designed and manufactured in Australia by LSC – an Australian-owned company with over 30 years' experience in developing world first DMX512 products

## Technical specifications

- > Standard TS35 DINrail-mounting
- > One DMX512-A (E1-11) / RDM (E1-20) input
- > Four DMX512-A (E1-11) / RDM (E1-20) compatible outputs
- > RDM enable switch per output (LSC first)
- > Full electrical isolation between inputs and outputs and between all outputs
- > Power input is 9-24V DC reverse polarity protected
- > Input and output signal connections are made via push-fit terminals or RJ45 sockets for installations where Cat-5 cable is used for DMX512 reticulation
- > Power input via 2-pole push-fit terminal

## Hardware

**Dimensions:** 88mm (w) x 104mm (d) x 59mm (h)

**Weight:** 160g



Open your camera and hover  
your phone over the QR code  
to view this product online.  
[mdr.lscighting.com.au](http://mdr.lscighting.com.au)



## Contact us

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