# MDR
# WDB

# DMX/RDM SPLITTERS
## *"Whole lotta Splitter"*

At last a range of DMX splitters that are *future-proofed* – buy what you need now and upgrade when you actually need the functions. The **MDR** range of DMX512-A based rack mount and portable splitters offer the possibility of adding an RDM module now or purchasing it as an upgrade at a later stage. Likewise, wireless DMX512 modules can be fitted to the **MDR** splitters and both popular brands, W-DMX from Wireless Solutions and City Theatrical's SHoW-DMX are catered for.

# www.lsclighting.com

# MDR WDB

## WORLD'S FIRST UPGRADEABLE DMX512 SPLITTER

### SPECIFICATIONS

> Portable 5-way output model in tough ABS plastic UL94-VO rated housing perfect for truss or rail mounting.
> 19" rack mount versions available in 5-way or 10-way outputs.
> DMX512 (1990), DMX512-A (E1-11) and if option fitted, RDM (E1-20) via Front panel mounted 5-pin XLR in, thru and out connectors.
> Optional 3-pin XLR available on all XLR connectors — factory fitted.
> RJ45 Ethercon in, thru and out connectors — MDRJ model only.
> Input and outputs are all fully optically isolated from each other with galvanic isolation barrier to 1500 volts.
> Output circuits are EMI filtered and current limited to protect against short circuits.
> Termination switch to set end-of-line DMX Termination on the input.
> RDM Enable switch (if option fitted) to enable RDM data to pass through the unit.
> Wireless Function Switch (if option fitted) to synchronise wireless receiver to the transmitter.
> Auto DMX Switching between DMX cable and wireless module (if fitted) to allow wireless input as a redundant back-up in case cable DMX fails.
> Input power connector standard IEC 3-pin with Neutrik Powercon as option.
> Built-in universal voltage switch-mode power supply (85-264VAC) with auto frequency-sensing (47-63Hz).
> CE (European) and C Tick (Australian) approved.

### MODELS

> **MDRT** DMX 5-way data Splitter, Truss Mount with 5-pin XLR input and output connectors and Velcro mounting straps supplied.
> **MDRR** DMX 5-way data Splitter, 19" Rack Mount with 5-pin XLR input and output connectors.
> **MDRX** DMX 10-way data Splitter, 19" Rack Mount with 5-pin XLR input and output connectors.
> **MDRJ** DMX 10-way data Splitter, 19" Rack Mount with RJ45 Ethercon input and output connectors.

### OPTIONS

> Fully compliant RDM module – factory fitted or field upgradeable.
> W-DMX wireless receiver – factory fitted or field upgradeable.
> SHoW-DMX wireless receiver – factory fitted or field upgradeable.
> Neutrik Powercon mains connector – factory fitted only.
> 3-pin XLR output connectors selectable between 1 and all 5 outputs on the 5-way splitters (**MDRT** and **MDRR**) and 1 and all 10 outputs on the **MDRX** splitter – factory fitted only.
> 3-pin XLR input and thru connectors – factory fitted only.

### DIMENSIONS

**MDRR**, **MDRX** and **MRXJ** — 19" rack mount splitters:
484mm w x 110mm d x 45mm high (19" w x 4.4" d x 1.77" high (1RU)
**MDRT** — portable truss mount splitter:
320mm w x 123mm d x 52mm high (12.6" w x 4.85" d x 2.05" high)
**Box dimensions**
510mm x 190mm x 65mm (20" x 7.5" x 2.6")
Packed Weight all models 2.0kg (4.4lb)

**Disclaimer**

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