

# DSR5.2-RDM-N

## 1U DMX/RDM

### Splitter/Booster



The DSR5.2-RDM-N is a 19" 1U rack-mount double-group 5-channel splitter / booster of both the DMX and RDM signal. Every output features LED indication of the DMX/RDM status and an RDM filter, and is optically isolated up to 1000V. The unit also provides a true output for easy daisy-chaining of other DMX/RDM devices.

#### RDM filter functions:

- Easy mix and match the RDM and non-RDM devices on a single unit
- Removes RDM commands for legacy support
- When engaged, the corresponding channel works with standard DMX signal only

#### Power supply

AC 100–255VAC / 50-60Hz / 10W

#### Operating temperature

-20 °C to +40 °C

#### Housing

Steel; with gray powder coating

#### Dimensions & Weight

1U 19" box, 3kg

#### Warranty

Life-time

#### DSR5.2-RDM-N features:

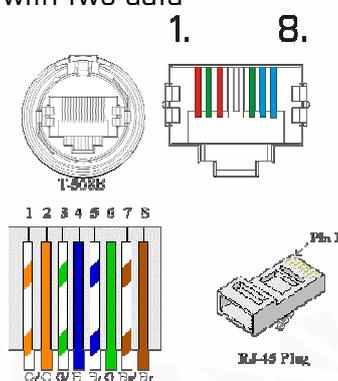
- Over-voltage protection of input/outputs
- Optically isolated input with LED indication
- Termination switch (120 Ω)
- 2x 5 optically isolated outputs with RDM support
- RDM filter on every output; for RDM blocking; for full legacy of the DMX device support
- DMX in/output LED indication
- 14x Neutrik RJ45 connectors
- 1.8m long PowerCon 3x 0.75mm<sup>2</sup> cable

#### DMX input/output:

- 10x USITT DMX 512 with RDM support
- Each one optically isolated up to 1000V
- Each one equipped with a separate line driver
- DMX line status indication with two data LEDs

#### RJ45 connector (Neutrik®):

- |                 |                        |
|-----------------|------------------------|
| <b>Pin 1, 3</b> | <b>Data +</b>          |
| <b>Pin 2, 6</b> | <b>Data -</b>          |
| <b>Pin 4, 5</b> | <b>NC</b>              |
| <b>Pin 7, 8</b> | <b>Ground / Common</b> |



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