



RDMS6

6 Way RDM Splitter



User's Instruction

Product Descriptions

This is a 6 way RDM splitter, features one RDM IN/THRU and 6 RDM OUTPUTs. This unit takes the incoming RDM/DMX signal and splits the signal into six separate OUTPUT channels. Each OUTPUT and the IN/THRU are completely electronically isolated from each other, all six OUTPUT ports have independent output driver to boost the RDM/DMX signal.

Technical Specifications

POWER INPUT	AC 100~240V
POWER CONSUMPTION	5W
RDM IN/THRU,RDM OUTPUT	Via 5-pin terminal
DIMENSIONS	264x133.3x120mm
WEIGHT	1.45Kg

Function Descriptions



- 1.RDM OUT 1~6: via 3-pin XLR connector.
- 2.RDM Thru: via 3-pin XLR connector.
- 3.RDM IN: via 3-pin XLR connector.
- 4.RDM/DMX switch: selects signal inputs.
- 5.Link Out/Terminate switch: selects Link Out or Terminate.
- 6.Power In: Inputs a power of 100~240V AC,50/60Hz.
- 7.Fuse:
- 8.Power Indicator: It will light when contacts to the suitable power source.
- 9.Signal Indicator: it will blink when RB-6 TS detects any signal inputs.

Operation Guide

Set the RDM/DMX switch as "DMX", the RDMS6 applies to DMX signal input only and the Input/Output Signal is mono-directional communication.

Set the RDM/DMX switch as "RDM", the RDMS6 applies to DMX or RDM signal input and the Input/Output Signal is bidirectional communication.

While need one RDMS6 in system only for operation(thus the RDM Thru needn't connect to the next RDMS6), the user may move the end-switch to terminal end for connecting to end-resistor. Regarding the other status, the end-switch should be disconnected to put through the RDM In and RDM Thru.

The signal indicator will blink when RDMS6 detects any signal inputs.

Data Cable (DMX Cable) Requirements:

The RDMS6 is controlled via DMX-512 protocol and your DMX controller requires a standard 3-pin terminal connector for data input and data output. Connect the RDMS6 and your fixtures together using standard 3-pin DMX cables.

DMX Signal Cable. 120 ohm impedance DMX signal cable **MUST** be used for signal connection.