

# ENTTEC

## RDS8 / RDS4

RDM DMX isolated splitters



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## RDS8 & RDS4

### Perfect distribution !

The **RDS8** is a DMX/RDM compatible, 8-port, fully isolated splitter. Like the RDS4, it allows users to build a network compliant with the DMX/RDM (E1.20-2006) standard. Current DMX splitters will not allow RDM enabled devices to function properly, the RDS8 now solves this problem while allowing your RDM devices to talk back to a controller.

The **RDS4** is a splitter and isolator of DMX signals that incorporates features needed when Remote Device Management (RDM) signals are traveling through the network.

#### ► Features

- **RDS8** has 1 DMX input and 8 DMX outputs
- **RDS4** has 1 DMX input and 4 DMX outputs
- **Normal mode** : splitter actively repeats RDM traffic bi-directionally while level information goes from controller to DMX devices as usual
- **Filter mode** : single button-press allows all RDM traffic to be filtered out, for use with legacy devices which might flicker if they encounter the nonzero start codes of RDM message packets
- **Backup mode** : another button bypasses intelligent RDM functionality completely to work as a traditional DMX splitter would
- Fully compliant with ESTA and USITT standards for DMX512A with RDM and RDM Standard ANSI E1.20 - 2006
- Internal autoranging power supply
- Other UL approved options available



#### DIMENSIONS

##### RDS4

H 44.5mm / W 300mm / D 115mm  
H 1.75" / W 11.82" / D 4.53"

##### RDS8

H 44.5mm / W 432mm / D 111mm  
H 1.75" / W 17" / D 4.37"

#### PART NUMBERS

70036 - RDS8

70037 - RDS4

#### ► Functional specifications

- RDS8 and RSD4 support one universe of 512 output addresses
- All ports are isolated up to 1500V
- Input port is 5-pin XLR Male
- Output ports are 5-pin XLR Female
- Break length time : replicates input signal to within 50ms
- Refresh cycle : replicates input signal
- CE, FCC certified

#### ► Applications

- Architectural
- Theatre
- Trade shows
- Touring
- Theme parks

