

## Description

### Overview

This DMX / RDM Shield is a low cost high quality solution that allows you to connect your Arduino driven artwork into DMX512 networks. The shield is populated with high quality NEUTRIK XLR 3pin Connectors (1x male and 1x female)

The MAX485 based shield can be used as DMX Master, Slave and as RDM transponder A unique RDM device id will be handed out from our range to you as well, this will make your device worldwide unique

The following settings are configurable via the onboard jumpers:

Send data via TX or Digital pin 4

Receive data via RX or Digital pin 3

Hardware slave mode or Software Controlled Slave/Master via Digital pin 2 (Required for RDM)

Enable / Disable shield \*\*

\*\* In case you have the shield configured to use the RX and TX pins you have to disable the shield before you can upload your new sketch onto the Arduino board. This jumper allows you to disable the shield without disconnecting it from the Arduino board which saves time.

### Software

The shield comes standard in a 3pin NEUTRIK XLR version, 5 pin versions are only assembled on request, contact us for pricing and delivery times and or any other additional requests or services.

The library comes with few examples showing how to create a DMX Master or DMX Slave project... The Remote Device Management part of the library will be released soon as well.

### Package and Shipping details

The package will contain one fully assembled ready to use Shield and a uniquely assigned RDM UID from our own range.