

## DMXter4/4A RDM Release Notes for software V4.32

July 13, 2016

This update is mostly about extending the responder. It is now a stable **V1.0 responder**.

This update adds new features to the DMX512 side of the DMXter.

Rather than repeat the text from the manual, we have given the heading and additional text as need. If you need details, please check the manual.

### DMX512 Changes

4.8.4 Allows filling the Snapshots with a pre-recorded pattern

4.12.9 Sends a Snapshot with Framing Error

4.12.7.6 Edit Raw SIP Packet Data

We added a Slot Name Option to the View Raw SIP and to Edit Raw SIP.

5.12 Time vs Level Graph of One Slot

It's cute, check it out.

5.13 Added a 485 LOGIC PROBE

6 Intercept & Modify

Better Receive Error handling in Intercept and Modify

### RDM Controller

With this update we now support every approved PID.

15.3.18 Slot Information

15.4. We added a simplified BUILD\_CUSTOM for MFG-specific PIDs. This version is available when Advanced RDM is not installed.

15.7.22 E1.37-2 Features

Improved E1.37-2 Interface Selection Display

15.7.17 Cold Reset

15.7.18 Restore Factory Defaults

15.7.19 Real-Time Clock

15.7.20 Added - Set Language

### Advanced RDM

16.4.25 Send RDM Packet with Framing Error

This is the only real change to Advanced RDM

### RDM Responder

The responder had been restructured and we added the features listed below.

19.3.8.11 Edit the Mute Control Field

### Added Responder challenges

19.3.7.6 Set a Non Standard Packet length

19.3.7.7 Respond to Identify with Maximum Length Packet

19.3.7.8 Return Bad Data for Pan Invert

19.3.5 You can now generate both Status and Queue message from the responder menus.

19.3.7.10 You can clear all challenges with a menu item.

### Responder Supported PIDs

19.4 We have added a number of PIDs to the responder

To determine if a controller supports E1.37-1 we have added:

POWER\_ON\_SELF\_TEST

CURVE

CURVE\_DESCRIPTION

To determine if a controller supports E1.37-2(IPv4 Configuration) we have added:

LIST\_INTERFACES

INTERFACE\_LABEL

IPV4\_CURRENT\_ADDRESS