

## **RDM Integrity V 1.3.275 Released January 5, 2018**

**January 25, 2018**

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### **MAJOR MODIFICATIONS OF THIS RELEASE:**

#### Import custom PID

- 1- Adds the "Import Custom PID" feature to the Manufacturer PIDs menu. This feature lets you import a TAB delimited txt file that defines and runs a suite of custom PIDs (Creating custom PIDs is made easier by using the Custom PID Editor, an add-on to RDM Integrity. Please contact GDC for information.)

#### Autotest

- 2- Autotest allows sequential testing of all personalities and stores each RDM file to a file named UID\_Personality #, (example 08D8\_10006000\_1, 08D0\_10006000\_2). An option in the Autotest menu allow testing with or without DMX Interleave enabled.

Autotest provides a Pass/Fail summary that may optionally be saved to a file. Note that Autotest is best run with a single responder connected.

#### Additions to RDM Files

- 3- Time stamps are now part of the Startup Log, and will be saved if a new RDM file is created.
- 4- Integrity now tests for a mismatch between the number of Personalities and the number listed in Device Info Personality Count.

#### Display Improvements

- 5- A text grid at the bottom of the main page shows details regarding the Responder under test.

#### Build RDM Packet (build PID)

- 6- A Repeat checkbox has been added to the Build PID pane. An item to set the repeat rate has been added to the Timing menu.  
A "Stop On Failed" checkbox is now part of the Build PID pane.

#### Send Checksum Errors

- 7- Adds the ability to generate packets with "Checksum" errors to the Build RDM pane.

#### Set the DMX Data pattern

- 8- In the DMX Interleave pane, a dropdown menu allows the user to control the DMX interleave pattern.

#### Ack Overflow

- 9- The "Ack Overflow" menu option allows the user to test that all PIDs that ought to support Ack Overflow really do so.

#### ACK\_TIMER

- 10- RDM Integrity now tests that ACK\_TIMER packets return the appropriate delay bytes to ensure they are present.

#### Re-run tests and compare

- 11- Re-run tests and compare the results against a reference set of tests for Pass/Fail changes. The Save Reference and Compare Reference functions are controlled by a right click menu in the Test Run pane.

**RDM Integrity Update from Goddard Design Co.**

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