

DMXter4 RDM™

The New STANDARD DMX Tester

**GODDARD
DESIGN** 



The Hardware

Micro-controller speed -18 times faster
Data storage memory -264 times larger
Physical layer support - DMX512A & RDM
Can simultaneous send / receive
External data port - Isolated USB port
Software update method - Download via USB
Uses a PC for input and output

Software for RDM field and lab use
Advanced RDM for developers

For nearly 20 years the Lil'DMXter™ and the Lil'DMXter2™ have been the standard of DMX512 testing. The DMXter4 RDM™ takes the next step in protocol testing.

The DMXter4 is simple to use. Eight buttons run its menu-driven software. The DMXter4 uses a backlit 40-character display. Some functions can drive a PC using the USB port. Software updates are done via the USB port. The unit comes in a rugged water-resistant case, tough enough to ride in your tool kit or cable hamper. It is the only DMX tester that includes a built-in AC charger for its internal rechargeable battery. Slot levels and most other displays available in three display formats - percent, decimal or hexadecimal. If you would like details on our binary to percentage conversion routines they are posted on the Web . The DMXter4 should be easily used by anyone who has used a Lil'DMXter; however you will see and feel many subtle improvements.

Transmit

The DMXter4 supports nine different user controlled transmit modes. The major transmit parameters, or flavors, can be set over a wide range to allow simulation of almost all DMX controller timings. The DMXter4 supports all START Codes. The DMXter4 supports a growing set of Remote Device Management (E1.20 RDM) routines. See our RDM data sheet for details.

Receive

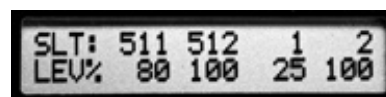
The DMXter4 continues and expands our industry leading receive and analysis routines for DMX512. It measures more parameters to a higher precision than earlier DMXters. Slot levels are now displayed in either a numeric or graphic display format. The graphic interface allows 32 Slots to be viewed at once.

Intercept and Modify

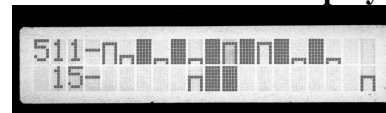
The DMXter4 can receive and transmit DMX simultaneously, allowing an intercept and modify routine. A user may take control of any slot or combination of slots while allowing all other slot data to pass thru the DMXter4 unmodified. Intercept and Modify also acts as a DMX512 retiming routine, cleaning up marginal DMX to one of three conservative flavors that even the pickiest color scroller should accept.

Cable Tester

Testing a cable for electrical continuity is not the same as testing it for data transmission continuity. The DMXter4 tests cables using actual data. DMXter4 provides two different ways to check DMX cables. One mode allows you to test cables when both ends are not available in the same place.



Standard numeric display



Bar graph of 32 slots



Graph with readout of slot 511

Flicker Finder

Goddard Design pioneered Flicker Finder to verify system stability. If your lighting system is haunted, this is the routine that you need!

Multichannel Mode

Test multichannel devices with the Multichannel mode. Particularly helpful when working with multichannel devices (like moving lights), Multichannel mode lets you define a number of similar fixtures in a contiguous block. More details available on our website, www.goddarddesign.com

ShowSaver™ - ShowPlayer™

You have a handy source of back up data for your console with ShowSaver (built in) or ShowPlayer (optional). ShowPlayer is a simple show controller storing up to 277 cues you can trigger manually, externally or by time. See the ShowPlayer data sheets for details. Automatic switch-over on data failure is available with both routines. Both routines store all cue data in **nonvolatile memory**.

Receive Scope Trigger

All DMXters provide an output that may be used to sync an oscilloscope to the DMXter. Optionally you can use our hardware kit to sync an oscilloscope to any DMX512 data stream.

New power supply design

The DMXter4 is still the only tester to operate or charge from the AC mains without an external supply. The DMXter4 has a new computer controlled charger and battery management system. This allows faster charging and better battery protection. The DMXter4 can operate from AC immediately, even with a discharged battery.

USB port

The DMXter4 supports USB connection to personal computers. This is used for software updates. It is used to support more detailed data views than can easily be viewed on a 20 by 2 line display. It also allows full alpha numeric entry when appropriate. The most up to date information on using the USB port is posted on our web site.



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| PRICE LIST - Nov. 1, 2009 | |
|---|---------------------|
| DESCRIPTION | PRICE |
| DMXter4 RDM + manual ShowPlayer option | \$975.00 \$25.00 |
| Advanced RDM software for RDM developers | \$200.00 |
| Receive Scope Trigger hardware | \$195.00 |
| DMX cable - 3 feet | \$35.00 |
| Colortran option | \$100.00 |