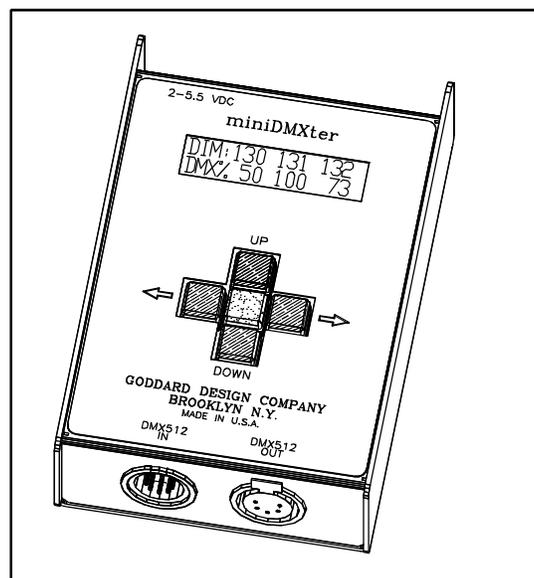# *Mini*DMXter

Goddard Design's Lil'DMXter has become the standard test instrument for DMX512. But we've received numerous requests for a smaller , less expensive tester that can send and receive DMX512. Hence the MiniDMXter. The essential features of the Lil'DMXter at a fraction of the weight, a quarter the size, and about half the price.

1) MiniDMXter **GENERATES** a DMX512 control signal.
   It allows you to bring up any one or up to 64 dimmers at one time to any level. It also lets you bump through a system one dimmer at a time, to check lamps, patches and dimmers.

2) MiniDMXter **RECEIVES** a DMX512 signal.
   It allows you to examine a controller's output displaying three dimmers at one time. You can easily search out which dimmers are being sent. Also it checks the DMX512 signal's integrity.

3) MiniDMXter Supports The **COLORTRAN** Protocol.
   There is no need for a separate test unit.

4) MiniDMXter **CHECKS** DMX512 cables.
   It tests cables for DC continuity and with actual data. Pins four and five may also be tested with DC.

The Mini's transmitter and receiver are ESD resistant. The unit is packaged in a small rugged aluminum case. (3-3/4"x6"x1-3/4") It is powered by 2 AA batteries (battery eliminator optional). The MiniDMXter is extremely easy to use - it requires only 5 buttons to navigate its menu driven software. It provides clear prompts on a 32 character LCD display. Unlike testers without a display, with the MiniDMXter you are always sure of which dimmer and what level you are sending or receiving.

The Lil'DMXter's full timing verification tests and full "flavor" settings capabilities are not supported. The MiniDMXter does not support ShowSaver, Flicker Finder, "snapshots", or alternate start codes.

TRANSMIT
The MiniDMXter offers you four transmit modes. It allows you to **ADJUST ONE DIMMER**. It allows you to **ADJUST ALL DIMMERS** to the same level. The MiniDMXter can **AUTOFADE** thru a dimmer system, bringing each successive dimmer up to full and down. In **ADJUST SOME** it functions as a "one cue" lighting console, allowing you to send up to 64 dimmers each to its own level. We provide two different transmit flavors. The standard flavor (SLOW) sends DMX512 or CMX at 8 updates a second; the alternate flavor (FAST) sends DMX512 at about 38 updates a second or CMX at 23 updates per second.

RECEIVE
In RECEIVE the MiniDMXter displays the received levels for 3 sequential dimmers at once. If the unit detects a reception error, it warns the user. In addition to stepping from dimmer to dimmer, the MiniDMXter allows the user to jump to the next dimmer with a level. If an error is detected it can be viewed on an error screen. The errors detected and displayed are: parity, framing errors, break too short, mark after break too short, overflow (reception of more than 512 dimmers) and broken line detection. Broken line detection is a proprietary Goddard Design Co. feature that detects if either of the two data lines is open during reception.

The Personal DMXter

The MiniDMXter's receive input is properly terminated at all times. If the user wishes the Transmitter can be turned on during reception to allow for a loop thru mode. Note that pins 4 and 5 do not loop thru.

CABLE TEST
A double ended cable tester similar to the Lil'DMXter is provided. This test allows the user to select whether the first three pins or all five pins of the DMX cable are tested.

THREE DISPLAY FORMATS
The MiniDMXter supports 3 display formats for dimmer levels. Two of them, decimal and hexadecimal, display the full 256 step resolution. The third, percent, provides a 0-100 step scale similar to that used on most lighting consoles.

The MiniDMXter's small size and light weight make it the choice for certain users. The Mini is perfect for applications where the Lil'DMXter's extended hardware and software are not justified, but where you cannot afford to trust a toy. The MiniDMXter will be a perfect second tester for Lil'DMXter owners since their user interfaces are extremely similar. A user should be able to switch between the two instruments readily.

It's meant to fit in your hand .. or your toolkit or briefcase. It is the low cost insurance policy you shouldn't be without.

MiniDMXter with Manual	$440.00
Battery Eliminator (USA)	$12.50
Nylon Belt Pouch	$12.00
Shipping & Handling (USA)	$6.00
For delivery within NY state add applicable sale tax.	

CE The European Union has established certain requirements that most electronic equipment must conform to if they are used within the EU. It has established testing methods to determine that a unit does conform. Units that do conform may carry the "CE mark". All MiniDMXters are CE compliant.
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The Personal DMXter