

## Model DMXdoohickey Operations Manual



### Product Description

The DMXdoohickey is a DMX512 testing device that displays the level of channel 512. This level is often used to indicate the universe number of that particular DMX cable, and the DMXdoohickey can quickly identify it for the user.

### Product Operation

The DMXdoohickey wakes up when it detects a DMX512 signal. It displays the level of channel 512 by flashing a series of three numbers when in decimal mode, or a series of two numbers when in percentage mode. It will continue to do so with pauses between each series until it is unplugged or the DMX signal is lost. It will then replay the value one or two more times depending on when it was disconnected. When not in use, the DMXdoohickey goes into sleep mode in order to save power. From the factory, the DMXdoohickey reads in decimal form (range 000-255). While in decimal mode, the decimal point on the bottom-right of the display is illuminated. If a percentage display is desired (range 00-FL), a PCB trace next to the lanyard hole can be cut. Please note that this modification is non-reversible. If the DMXdoohickey detects an invalid signal, it will display three dashes (- - -). When DMX512 packets are present which do not have a 512<sup>th</sup> channel, the DMXdoohickey will display "NO CHN 512".

### Environmental

Operating temperature: 0-40° C (32-104° F)  
Operating humidity: 10-90% non-condensing

### Power

The DMXdoohickey sources power from a replaceable CR1225 battery.

### Signal Connector

The DMXdoohickey uses a male 5-pin XLR connector. Pins 4 and 5 are not used by the DMXdoohickey.

### Size and Weight

Size: 2.875"H x 0.625"D x 0.75"W  
Weight: .5 ounce

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# DOUG FLEENOR DESIGN

## Limited Manufacturer's Warranty

Products manufactured by Doug Fleenor Design (DFD) carry a five-year parts and labor warranty against manufacturing defects. It is the customer's responsibility to return the product to DFD at the customer's expense. If covered under warranty, DFD will repair the unit and pay for return ground shipping. If a trip is necessary to the customer's site to solve a problem, the expenses of the trip must be paid by the customer.

This warranty covers manufacturing defects. It does not cover damage due to abuse, misuse, negligence, accident, alteration, or repair by other than by Doug Fleenor Design.

Most non-warranty repairs are made for a fixed \$50.00 fee, plus shipping.

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