

## RAD (Remote Addressing Device)



The Remote Addressing Device (model: RAD) is used to set the DMX address of compatible products using DMX/RDM. RDM (Remote Device Management) is an enhancement to DMX512 which allows status information and parameters (such as the DMX address) to be communicated over the DMX link.

When powered normally, the RAD defaults to setting the DMX address. However, when the RAD is powered while holding the button below the ones digit on the display, it will show the letter "P" indicating that it will be setting the personality of the selected RDM device.

### OPERATION:

Connect the RAD to the fixtures to be configured prior to powering the RAD. This will insure that the fixtures can be discovered as the RAD will send an "un-mute all" command as it is powered on. If there are any isolators or splitters in between the RAD and the device(s) they must be capable of bi-directional communication per the RDM Standard.

Press the NEXT button. One of the RDM devices will be discovered and identify itself. The RAD's display will show the identified device's DMX address. The identification method varies from device to device. Many lighting fixtures flash or strobe.

Use the three buttons below the display to change the address of the identified device. A few seconds after the address has been changed the RAD display will flash as the new address is sent to the device.

Push NEXT to identify another device, and set its address. The LAST button is used to move back through the previously identified devices. Pushing the next button, with no more devices to be found, will display three dashes.

If "Err" is displayed, the RAD has received incorrectly formatted data from the RDM enabled fixture. This may also occur if there is a cabling problem.

If no buttons are pressed on the RAD for about 15 seconds, the RAD will go into sleep mode. In this battery saving mode, one segment will flash on the display. To wake the RAD from sleep, push any of the buttons or cycle the power switch.

### Doug Fleenor Design, Inc.

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# DOUG FLEENOR DESIGN

## SPECIFICATIONS:

Connector:	Gold plated 5-pin female Neutrik XLR
Connector Pin Out:	1 – DMX512 Common 2 – DMX512 Data- 3 – DMX512 Data+ 4 – N/C 5 – N/C
User Controls:	1's,10's,100's, LAST and NEXT buttons
Indicators:	Three digit 7-segment LED display
Power:	Standard 9V battery
Color:	Yellow with black nomenclature
Size & Weight:	4"H x 2"D x 2.5"W, ½ pound

## 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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