

# DOUG FLEENOR DESIGN

## APATHY SINGLE CHANNEL CONSOLE

technical data sheet



In its most basic mode, the Apathy allows you to command all 512 DMX dimmers to the same level using the single intuitive control knob. Using the Apathy function button, you can assign control of a single DMX dimmer to the control knob.

**Apathy push button operation:** The button serves different functions depending on the position of the level knob. With the level knob at zero button presses enter new addresses. With the level knob above 20%, button presses increment (on a quick press) or decrement (on a hold) the selected channel.

When entering a new channel the button is pressed successively as follows:

For a single digit channel number, press the button once for each count of the digit pausing less than  $\frac{1}{2}$  second between presses.

### Examples

#### Turn level knob to zero.

To set **channel 1**, press the button once, bring up level

#### Turn level knob to zero.

To set **channel 3**, press the button three times with no more than a  $\frac{1}{2}$  second pause between presses, bring up level.

For a two digit channel number, enter the tens digit by pressing the button that number of times, pausing less than  $\frac{1}{2}$  second between presses. Pause for 1 second between the tens and ones digit. Press the button once for each count of the ones digit. For a trailing zero, press the button ten times.

### Examples

#### Turn level knob to zero.

**To set channel 11**, Press the button once, wait 1 second, press the button once more, bring up level. The first press enters the tens digit, the pause separates the tens and ones digits, the press after the pause enters the one digit.

#### Turn level knob to zero.

**To set channel 20**, press the button twice, wait 1 second, press the button ten times, with no more than a  $\frac{1}{2}$  second pause between presses, bring up level. bring up level. Trailing zeros are entered by pressing the button ten times.

For a three digit channel number, enter the hundreds digit pausing less than  $\frac{1}{2}$  second between presses. Pause for 1 second between the hundreds and tens digit. Enter the tens digit pausing less than  $\frac{1}{2}$  second between presses. Pause for 1 second between the tens and ones digit. Enter the ones digit. For a trailing zeros, press the button ten times.

### Examples

#### Turn level knob to zero.

**To set channel 111**, Press the button once, wait 1 second, press the button once again, wait 1 second, press the button once more, bring up level.

The first press enters the hundreds digit, the pause separates the hundreds and tens digits, The second press enters the tens digit, the pause separates the tens and ones digits, the third press enters the one digit.

#### Turn level knob to zero.

**To set channel 120**, Press the button once, wait 1 second, press the button twice with no more than a  $\frac{1}{2}$  second pause between presses, wait 1 second, press the button ten times with no more than a  $\frac{1}{2}$  second pause between presses, bring up level.

To increment the channel: Turn the level knob above 20%. Press the button. Each button press increments the channel number. The channel number increments on the release of the button.

To decrement the channel: Turn the level knob above 20%. Hold the button for more than  $\frac{1}{2}$  second. Each button hold decrements the channel number. The channel number decrements on the release of the button.

To return to Apathy Mode: Turn the level knob to 0%. Hold the button for more than 2 seconds.

# DOUG FLEENOR DESIGN

## Apathy-- Selected Features

### FEATURE

### BENEFIT

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Thick Aluminum Chassis	Built to take abuse
Simple User Interface	Even a Grip can operate this puppy
Draw 100mA in continuous operation	Runs for hours on a single 9v battery

### SPECIFICATIONS

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Baud rate:	250 Kilobaud
Update rate:	Under Battery "Power Saver Mode": 30Hz update when fading / 2Hz when idle Under External Power: 22Hz update continuous
	Note: Some older DMX receivers will be unstable when receiving a 2Hz DMX512 signal. If this is the case remove the microprocessor in U1, bend pin 4 out, and reinsert processor into socket. Power save mode will be defeated; however, battery life will be severely shortened.
Output connector:	Gold plated 5 pin female (Neutrik D1 series)
Power input:	Battery powered by 9v battery (included), jack for owner provided external PSU
Chassis:	Tenth inch Aluminum with rubber feet. The four corner holes, and a single 1/2" hole provide for many mounting options.
Color:	Front, Top, Bottom: Black Back, Sides: Silver Hammertone
Size and weight:	4"H x 2.5"D x 2.25"W, 0.75lbs

### 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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