\*\*\* NOTE \*\*\* -- If you purchase the all in one kit, then you can also download the configuration files from here:

https://1drv.ms/u/s!AgpJ1fRiof6RgYBRry6WNRaZQsvV8Q?e=dCh5xq, this is for information on how to do the complete installation from scratch, which you might want to do as it is the best way to get the most up to date configurations and also allows you to add other toys to your cabinet on the extra open slots.

- 1. Go here and download and install the latest MSI: <u>DOF R3 & LEDWIZ.DLL Updates</u> (mjrnet.org)
- 2. Go to <u>DOF Configtool (vpuniverse.com</u>), setup a user for yourself and click on "My Account" and set "Number of Pinscape Devices" to 1.
- 3. Go to Port Assignments and configure similar to the following (For setups with fewer than 8 solenoids, see appendix):

Device: Pinscape 1 - directoutputconfigini51 V												
Por 1	rt Flipper Left	<ul> <li>✓ Port 34</li> </ul>	V Port 67	V Port 100	✓ Save Config							
Por 2	rt Slingshot Left	✓ Port 35	V Port 68	V Port 101	Shaker Motor							
Poi 3	rt 8 Bumper Left	✓ Port 36	✓ Port 69	V Port 102	✓ Min Intensity: 48 ✓ Ma							
Poi 4	** 8 Bumper Center	✓ Port 37	V Port 70	V Port 103	→ Fan Min Intensity: 48 → Ma							
Por 5	rt Flipper Right	V Port 38	✓ Port 71	V Port 104	Toy Durations in ms							
Por 6	rt Slingshot Right	V Port 39	V Port 72	V Port 105	✓ Chime : 60 ✓ K							
Poi 7	rt 8 Bumper Right	<ul> <li>✓ Port 40</li> </ul>	V Port 73	✓ Port 106	✓ Custom Brightness Strobe 48 ✓ PF Strobe I							
Poi 8	rt 8 Bumper Back	V Port 41	V Port 74	V Port 107	V Strobe 48 V PP Strobe 1							
Poi 9	rt	<ul> <li>✓ Port 42</li> </ul>	V Port 75	✓ Port 108	<ul> <li>Contactor variables</li> </ul>							
Por 10		V Port 43	V Port 76	V Port 109	✓ Set Intensity and Duration							
Det	et .	Daub	Dauk	Deale								

- 4. Click the Generate Config button (It can take a minute to download) and move the contents of the zip file that is downloaded into C:\DirectOutput
- 5. If you already have plugins enabled (like puppacks configured) then you should be good to go, otherwise Start visual pinball, right click on the backglass and enable plugins. You should see DOF enabled in there the next time you start up visual pinball

## Configuring using the PinscapeConfigTool:

- 1. Download the pinscape config tool here: http://mjrnet.org/pinscape/downloads/PinscapeConfigTool.zip
- 2. Unzip the file and run the PinscapeConfigTool.exe. This will allow you to do things like calibrate the plunger, test your inputs/outputs and set how each of the outputs works.

## Adding a motor/Combining toys for fewer than 8 solenoid versions:

- 1. In DOF config, click on the "Combine Toys" section and configure 1 or more combinations to map to the solenoids you have.
  - a. For a 4 solenoid setup, you should keep the flippers by themselves. Combine the 8 bumper right, 8 bumper back and the right slingshot to the right solenoid.
    Combine the 8 bumper left, 8 bumper center and the left slingshot to the left solenoid.

- b. For a 6 solenoid setup, you should keep the flippers and the slingshots by themselves. Combine the 8 bumper right, 8 bumper back to the right back solenoid. Combine the 8 bumper left, 8 bumper center to the left back solenoid.
- c. For the 7 solenoid setup, combine the 8 bumper back and 8 bumper right together.

oy Combo Management										
Combo ID	Option	Toy Category	Toy 1	Τογ 2	Τογ 3	Toy 4				
Combo1	Delete	Mono	8 Bumper Right	8 Bumper Back						
Combo2	Delete	Mono	8 Bumper Center	8 Bumper Left						
Combo3	Delete	Mono	8 Bumper Center	8 Bumper Left	Slingshot Left					
Combo4	Delete	Mono	8 Bumper Right	8 Bumper Back	Slingshot Right					
New	Add	Mono 🗸	~	8	×.					