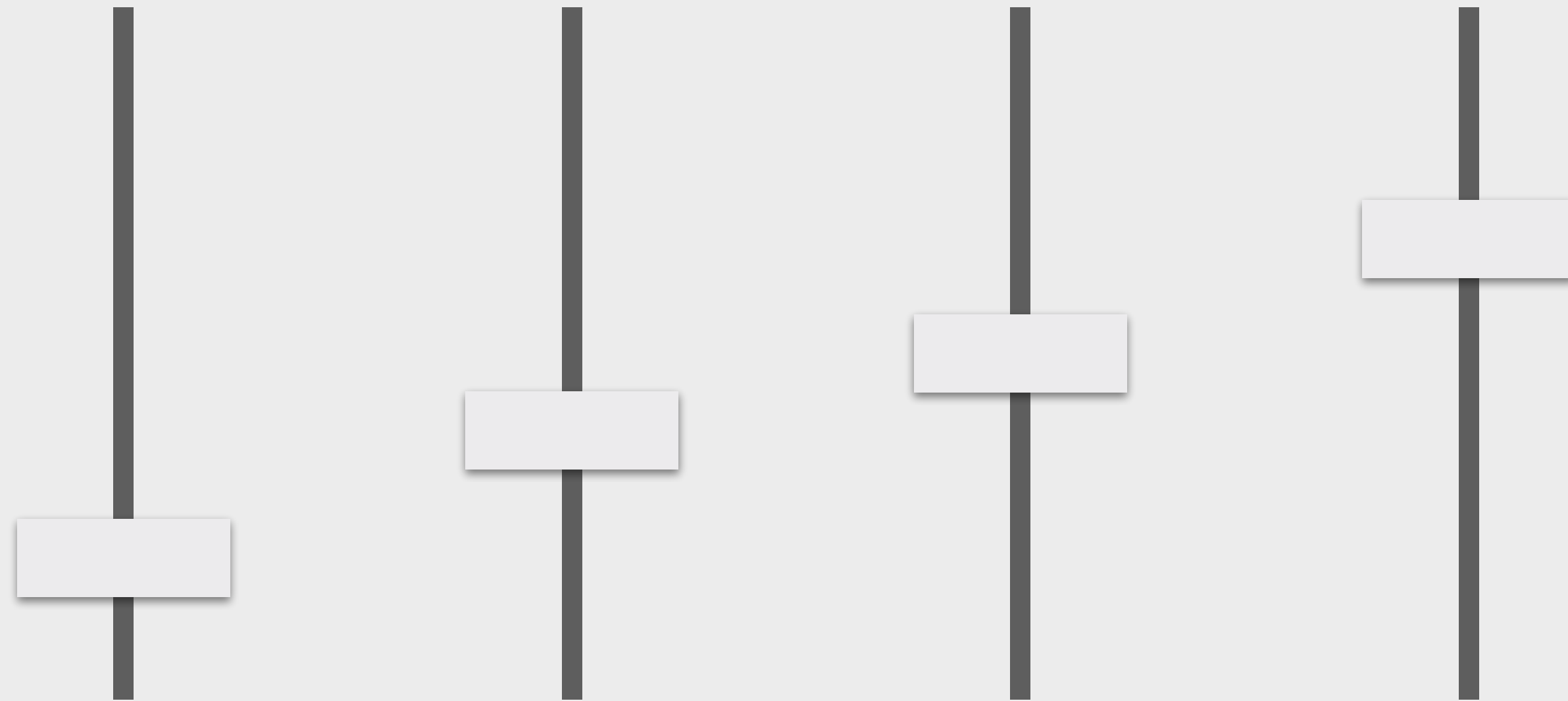
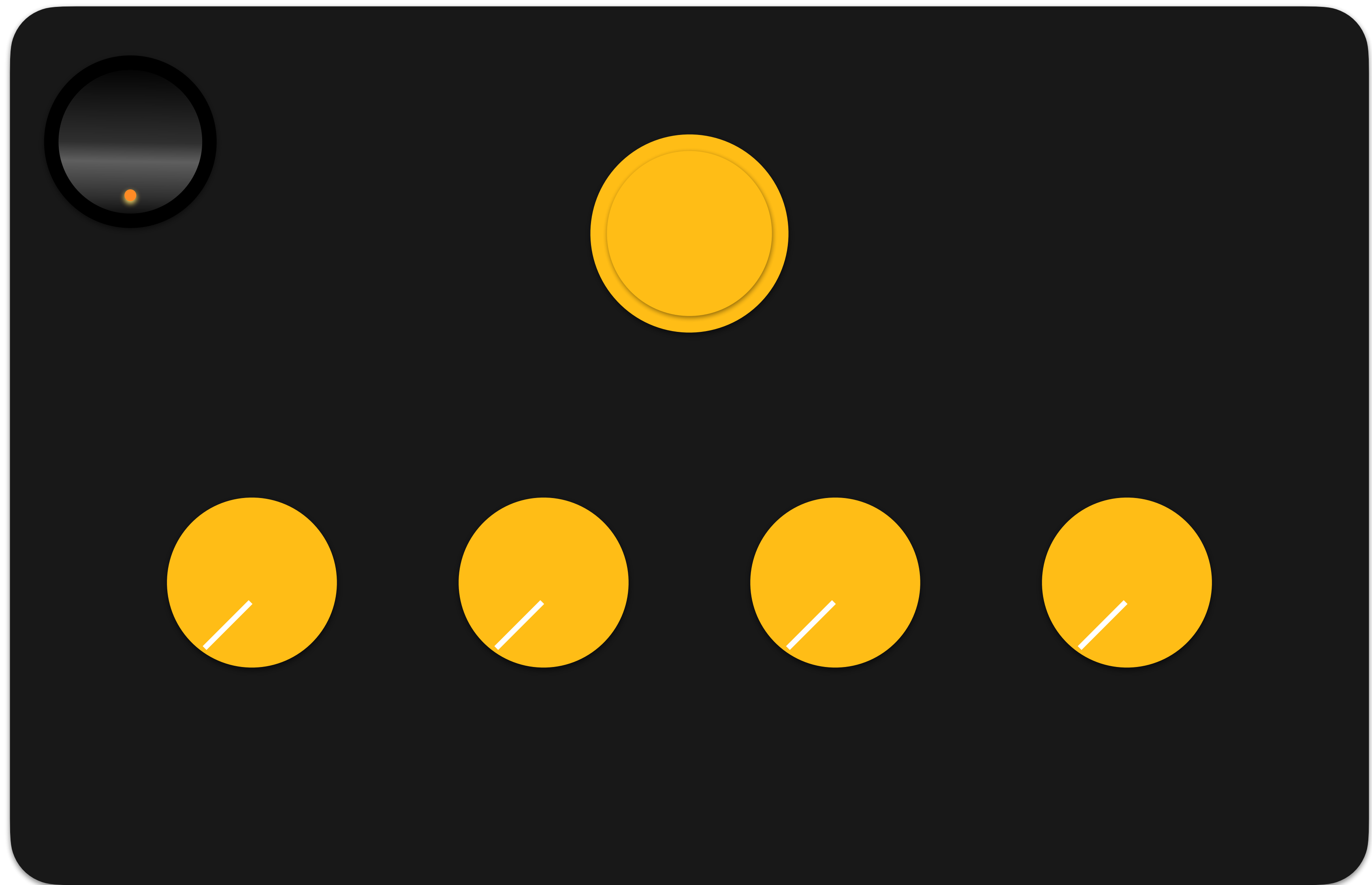



The Controller Series.




A pxf experiment.
Accessible, Resonate, Lighting.




PXF1




Power




Mode Select




Hue



Sat




Bri

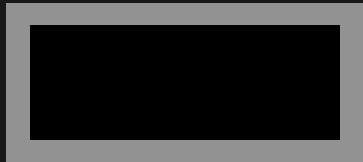


FX


5v in




USB



LED1



LED2



Mode Select Legend:

H- Hue

S- Saturation

V- Brightness

X- Effect or Speed



Mode Select

- **Full Color_HSV**
- **Marquee XHSV**
- **3 Waves HHHV**
- **MovingRainbow X_SV**
- **RainbowStrip XX_V**
- **GradientVibes_XXSV**
- **ConcertPop_XHSV**
- **NorthLight_XXXV**

Master Part & Link

MASTER PARTS LIST								
Part	Price	PPP	Order Qty	OH	Inv	Use	Notes	Link
5v LED Strip 16ft	\$23.99	\$23.99	1	1	0	1		https://www.amazon.com/
Power Supply	\$9.99	\$9.99	1	0	0	0		https://www.amazon.com/
Enclosure	\$10.99	\$10.99	1	1	1	0	Black	https://www.amazon.com/gp/
Arduino Nano Clone	\$13.99	\$4.66	3	3	2	1		https://www.amazon.com/gp/
PCB	\$11.68	\$2.34	5	5	4	1	3.66x2.52	https://www.amazon.com/
PCB Standoffs	\$12.28	\$0.61	20	20	20	0		https://www.amazon.com/gp/
Resistors	\$5.69	\$0.06	100	100	95	5	380ohm	https://www.amazon.com/gp/
Capacitors	\$6.62	\$0.66	10	10	3	7	16v 100uF	https://www.amazon.com/gp/
Toggle Switch	\$9.99	\$1.25	8	8	7	1	20A 12V DC On/Off Blue LED	https://www.amazon.com/
Knobs	\$12.99	\$4.33	3	0	0	0	Aluminum/silver	https://www.amazon.com/
Potentiometer	\$9.99	\$1.00	10	10	3	7	Black/Orange Knobs Incl.	https://www.amazon.com/Taiss-
4 Pin Waterproof	\$11.88	\$2.38	5	5	5	0	Waterproof Twist Lock	https://www.amazon.com/dp/
LED Power Wire	\$17.89	\$17.89	1	1	1	0	50ft	https://www.amazon.com/gp/
WireKit	\$12.95	\$12.95	1	1	1	0	22G Silicone	https://www.amazon.com/gp/
Arcade Buttons	\$10.99	\$0.92	12	12	12	0	Multi Color	https://www.amazon.com/gp/
Barrel Connector	\$7.99	\$0.80	10	0	0	0		https://www.amazon.com/dp/
Rubber Grommet Kit	\$10.95	\$0.09	125	125	125			https://www.amazon.com/gp/
	\$200.85				0			



Schematics and Shit.

PXF1

