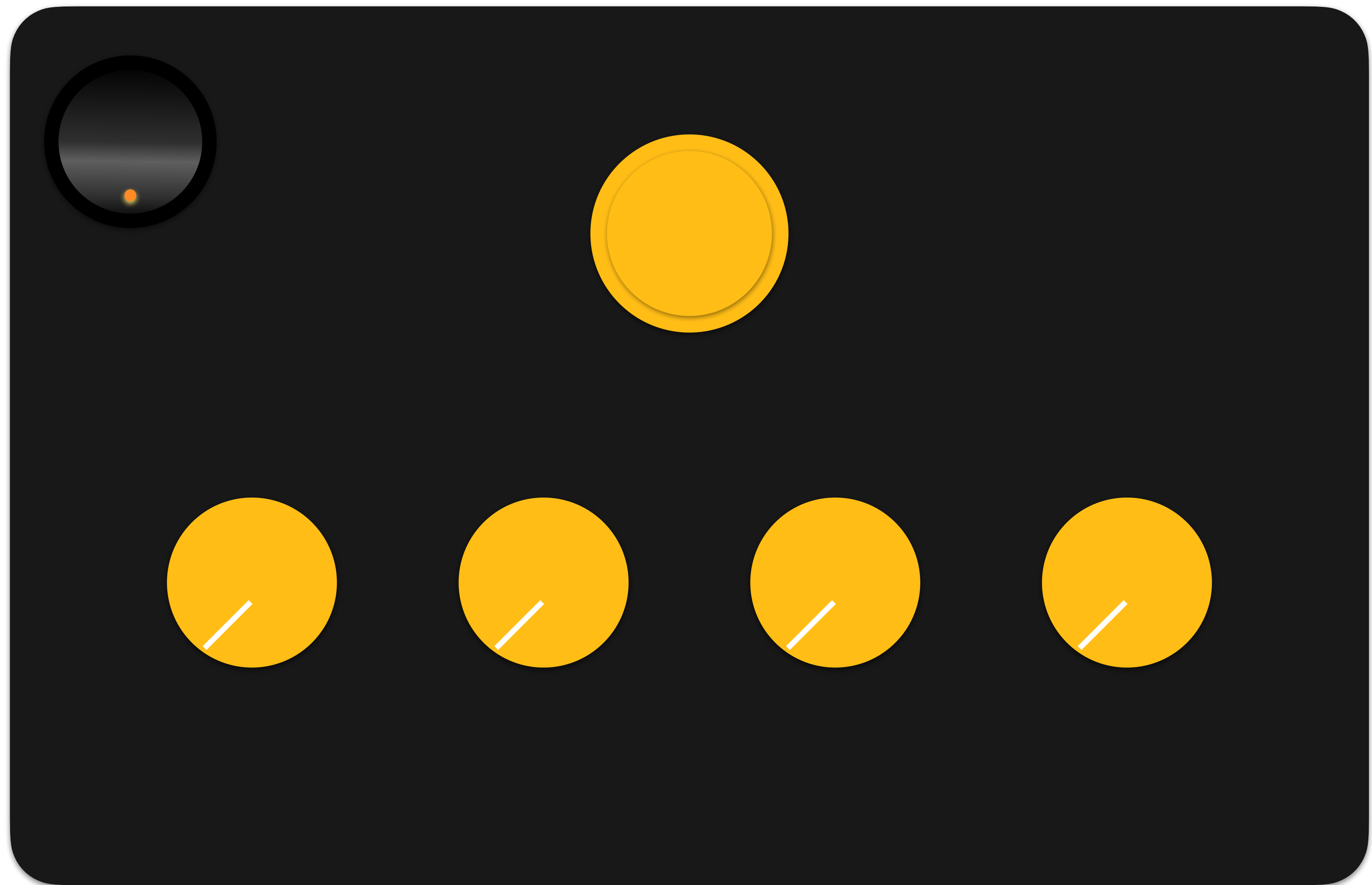




The Controller Series.




PXF1





Power




Mode Select






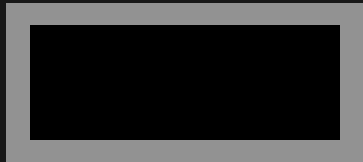





5v in




USB



LED1



LED2



Mode Select Legend:

H- Hue

S- Saturation

V- Brightness

X- Effect or Speed



Mode Select

- **FillStripSparkle_HSV**
- **SpeedMarquee XHSV**
- **NorthLight_XXXV**
- **MovingDot X_SV**
- **RainbowBeat XX_V**
- **ConcertPop_XHSV**
- **EightDots_XXSV**
- **3 Waves HHHV**

Master Part & Link

MASTER PARTS LIST			
Part	Price	Notes	Link
5v LED Strip 16ft	\$23.99		https://www.amazon.com/ALITOVE-WS2812B-Individually-Addressable-
Power Supply	\$9.99		https://www.amazon.com/ALITOVE-100-240V-Converter-Available-
Enclosure	\$10.99	Black	https://www.amazon.com/gp/product/B06XSQZ5M6/
Arduino Nano Clone	\$13.99		https://www.amazon.com/gp/product/B07G99NNXL/
PCB	\$11.68	3.66x2.52	https://www.amazon.com/Gikfun-Solder-able-Breadboard-Plated-
PCB Standoffs	\$12.28		https://www.amazon.com/gp/product/B01LDLTNAC/
Resistors	\$5.69	380ohm	https://www.amazon.com/gp/product/B07HDFJC6W/
Capacitors	\$6.62	16v 100uF	https://www.amazon.com/gp/product/B00XW2LH7I/
Toggle Switch	\$9.99	20A 12V DC On/	https://www.amazon.com/Twidec-Rocker-Control-Pre-soldered-
Knobs	\$12.99	Aluminum/	https://www.amazon.com/mxuteuk-Aluminum-Potentiometer-Electric-
Potentiometer	\$9.99	Black/Orange	https://www.amazon.com/Taiss-Terminals-Linear-Potentiometer-Control/
4 Pin Waterproof Connector	\$11.88	Waterproof	https://www.amazon.com/dp/B00QJB6FYO/ref=sspa_dk_detail_2?
LED Power Wire	\$17.89	50ft	https://www.amazon.com/gp/product/B082F1J11N/ref=ox_sc_act_title_2?
WireKit	\$12.95	22G Silicone	https://www.amazon.com/gp/product/B07T4SYVYG/
Arcade Buttons	\$10.99	Multi Color	https://www.amazon.com/gp/product/B01MRWL6DW/
Barrel Connector	\$7.99		https://www.amazon.com/dp/B07VTZX2RK/?
Rubber Grommet Kit	\$10.95		https://www.amazon.com/gp/product/B01NAN025Y/
	\$200.85		

