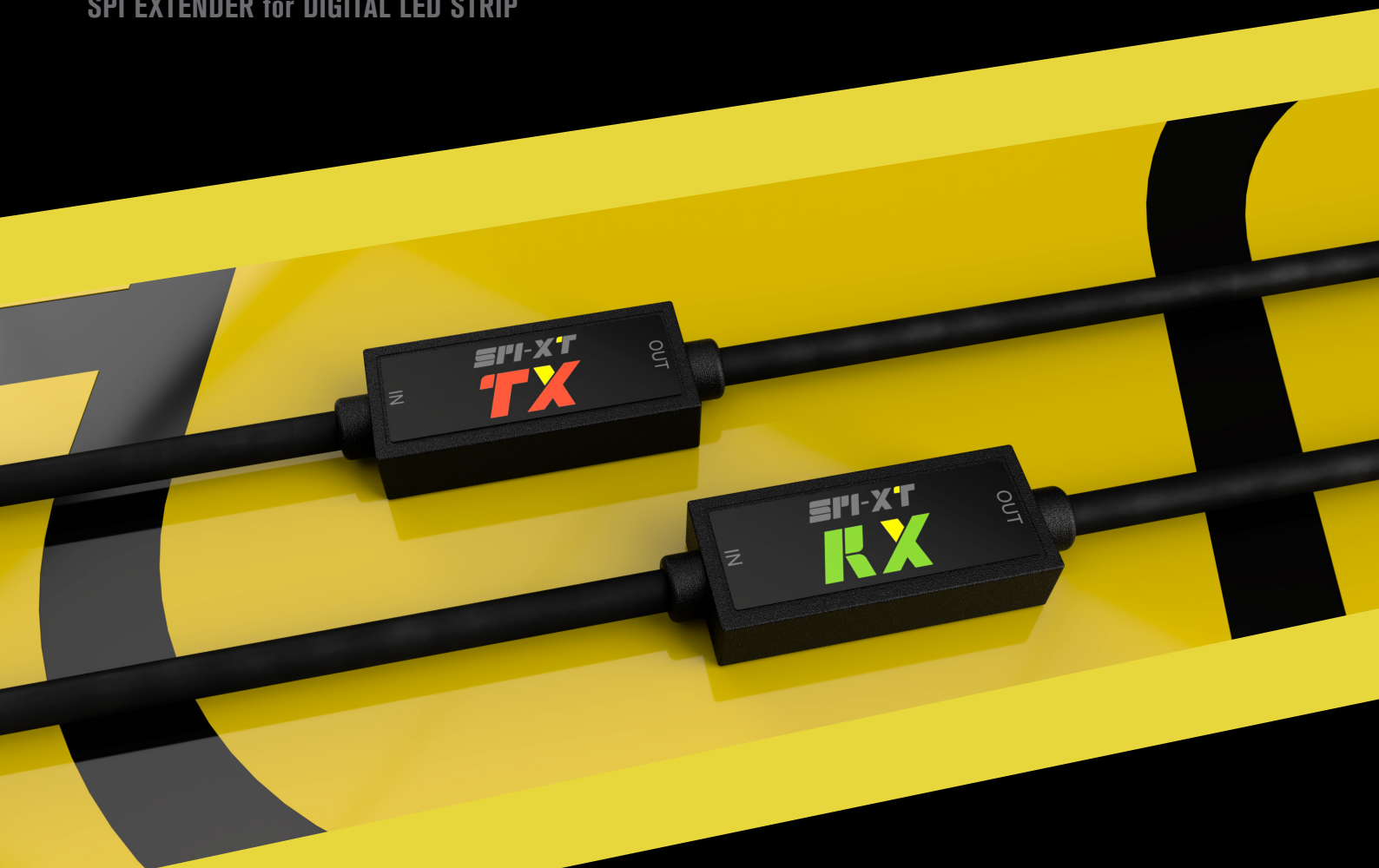




PROFESSIONAL EXTENDER FOR DIGITAL PIXEL

SPI-XT is the first plug-and-play extender for single-line pixel protocols, fully compatible with any SPI controller. It allows you to extend signal transmission up to **250 meters**, ensuring reliable performance even in complex installations.

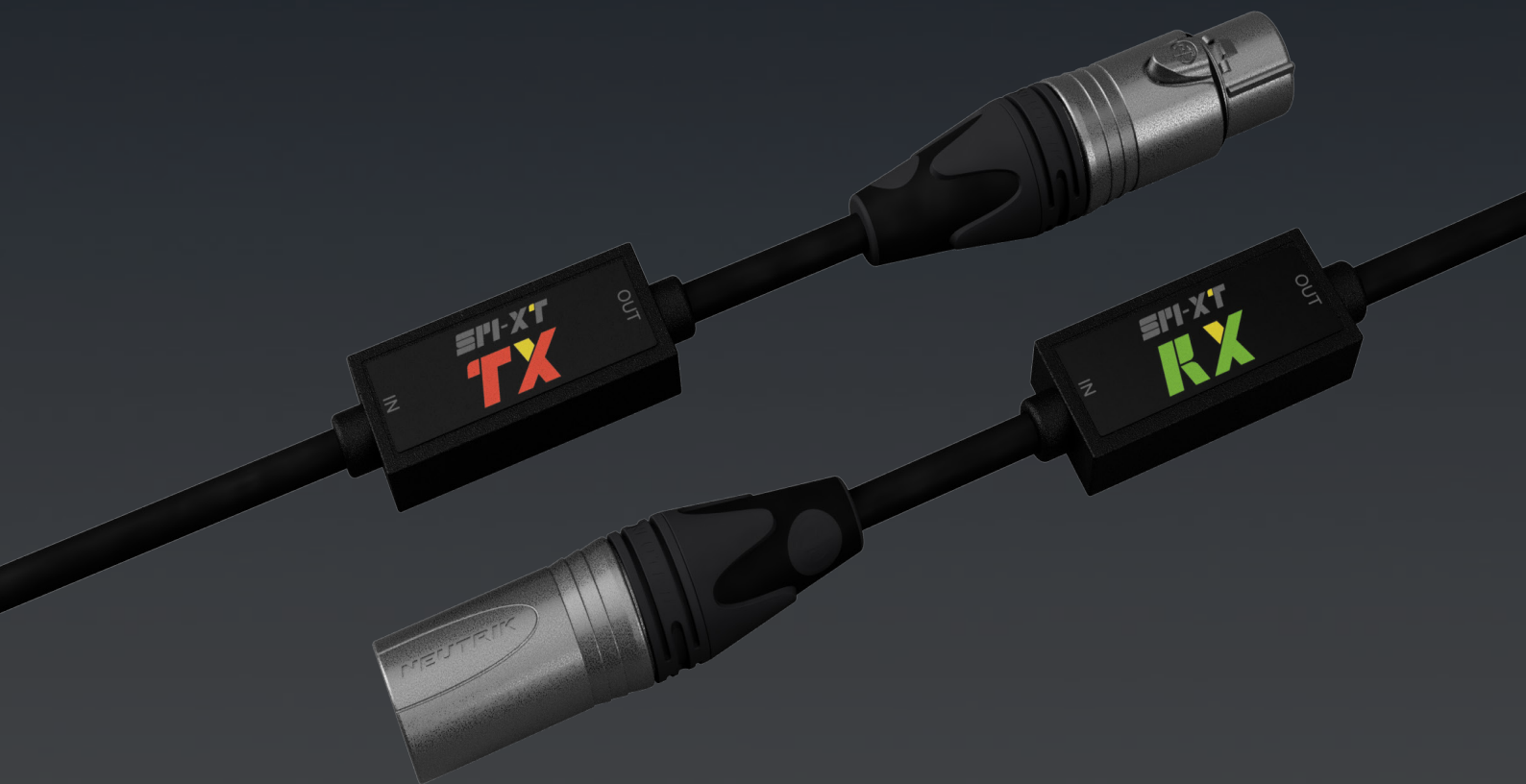
Designed for **professional use**, SPI-XT enables you to **centralize all controllers** in one location, reducing hardware requirements and simplifying system management. The system consists of a **TX** and an **RX**, connected via standard **DMX signal cables**. Thanks to its compatibility with DMX extensions and XLR connectors, SPI-XT is also ideal for **tours and temporary setups**. With an **IP57 protection rating**, it's built for **outdoor applications** such as architectural lighting, decorative installations, events, and clubs — keeping your controllers safe from environmental damage.

Its **ultra-compact design** makes it almost invisible, unlocking new creative and design possibilities.

The TX can also connect directly to the **data out of digital pixels**, optimizing the number of pixels per port and reducing both ports and controllers. With SPI-XT, your digital pixels and LED strips become **true lighting fixtures** — easy to connect, reliable, and ready for professional use. **Save time, simplify your setup, and unleash your creativity with SPI-XT.**

SPECIFICATIONS

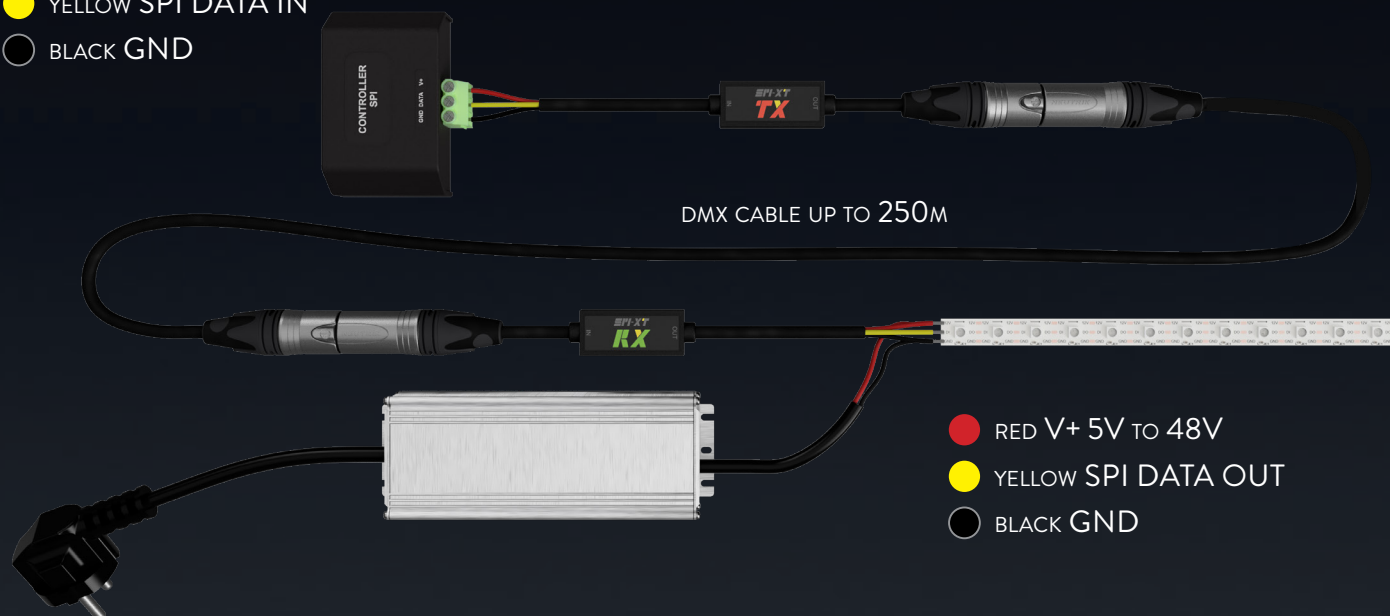
INPUT VOLTAGE RANGE:	5-48 VDC
RATED POWER:	0.45W @12V
OPERATING TEMPERATURE:	-20°C to 70°C
DIMENSION:	55.7mm x 20mm x 10.2mm
PROTECTION:	Overvoltage and ESD, Wrong connection
SIGNAL RANGE EXTENSION:	Up to 850ft / 250m
IP RATING:	IP57
COMPLIANCE:	CE, RoHS
ACCORDING TO DIRECTIVES:	2014/35/EU – LVD
	2014/30/EU – EMC
	2011/65/EU – RoHS



CONNECTION GUIDE

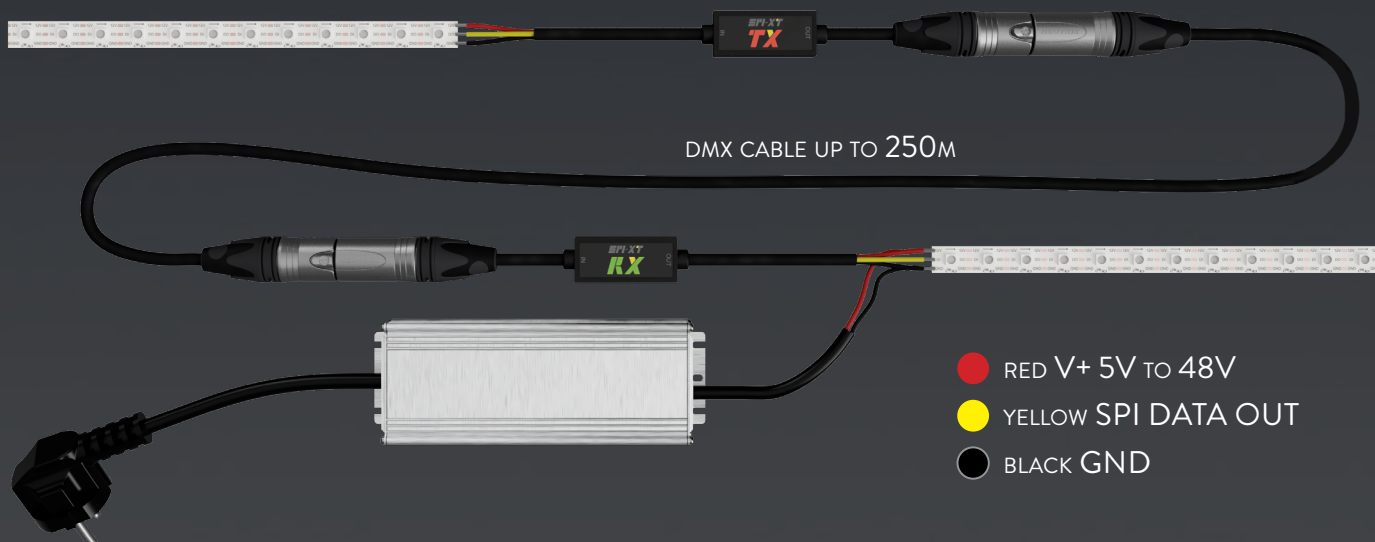
CONTROLLER TO STRIP

- RED V+ 5V TO 48V
- YELLOW SPI DATA IN
- BLACK GND

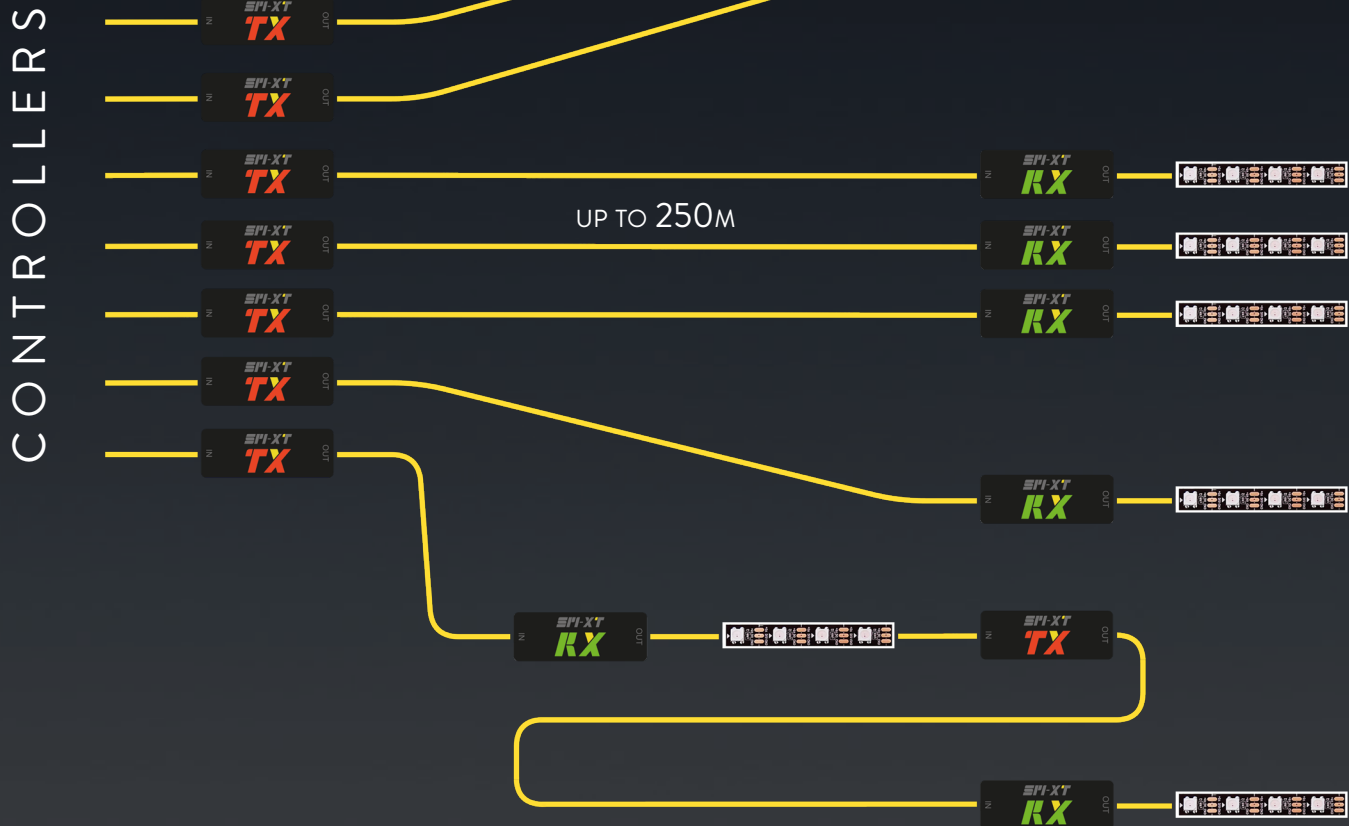


STRIP TO STRIP

- RED V+ 5V TO 48V
- YELLOW SPI DATA IN
- BLACK GND



INTEGRATE SPI-XT



SPI-XT

SPI EXTENDER for DIGITAL LED STRIP

ACCORDING TO DIRECTIVES

- 2014/35/EU – LVD
- 2014/30/EU – EMC
- 2011/65/EU – RoHS

TESTING STANDARD

- EN 61347– 1:2015
- EN 61547:2009
- EN 55015:2019 + A11:2020
- EN 61000-3-2:2014 | EN 61000-3-3:2013
- EN 62311:2008



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