CLASS-LEADING TRANSCEIVER

DMX SPLITTER

MUST HAVE

Essential

Protected

Plug & Play

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Making light work

The DMX512-A Splitter, streamlining complexity, amplifying possibilities

Essential: The USITT DMX512-A standard mandates 32 devices maximum per daisy-chain, the Splitter expands from 1 to 5 daisy-chains (max total 160 devices) plus up to 32 through

Plug & Play: No need to de-wire anything, simply unplug a universe. Need to use RDM but only setup the lights for addresses and the like? Simply unplug a daisy-chain, connect your RDM tool to the branch and repeat for other branches, saving costly RDM splitters

Protected: Robust transceiver, IEC surge / transient protection

DMX in+-60Vdc, +-15kV HBM ESD
ESD, IEC61000-4-2 +-30kV contact, +-30kV air
EFT, IEC61000-4-4, 50A (5/50ns)
Lightning, IEC61000-4-5, 19A (t = 8/20us)

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Overview

The DMX512-A standard requires no more than 32 DMX devices per daisy-chain and all data to be routed in daisy-chains. The Splitter V2 is not only a DMX Splitter, it also protects from surges, transients and even lightning. Featuring one DMX in plus passive loop-through and four optically-isolated DMX512-A outputs.

Our splitter allows for an inexpensive way to add loads of addresses, and simply route multiple daisy chained cables. The One in plus through and four out, din mount, opto-isolated.

DMX out, 4 isolated outputs

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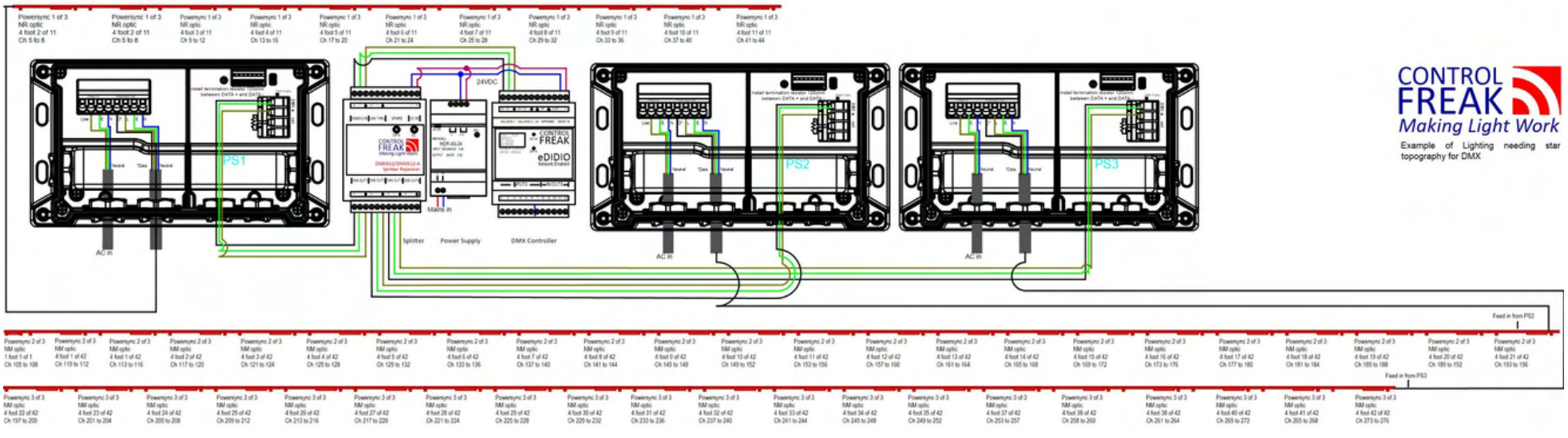
We are also able to offer unmatched assistance with functionality statements and tailored CAD drawings.



Designed and made in Australia
***by** Lighting Designers, Engineers and Integrators*

The Control Freak range includes DALI DMX and RDM controllers, interfaces, translators, power supplies, dimmers, tools and translators

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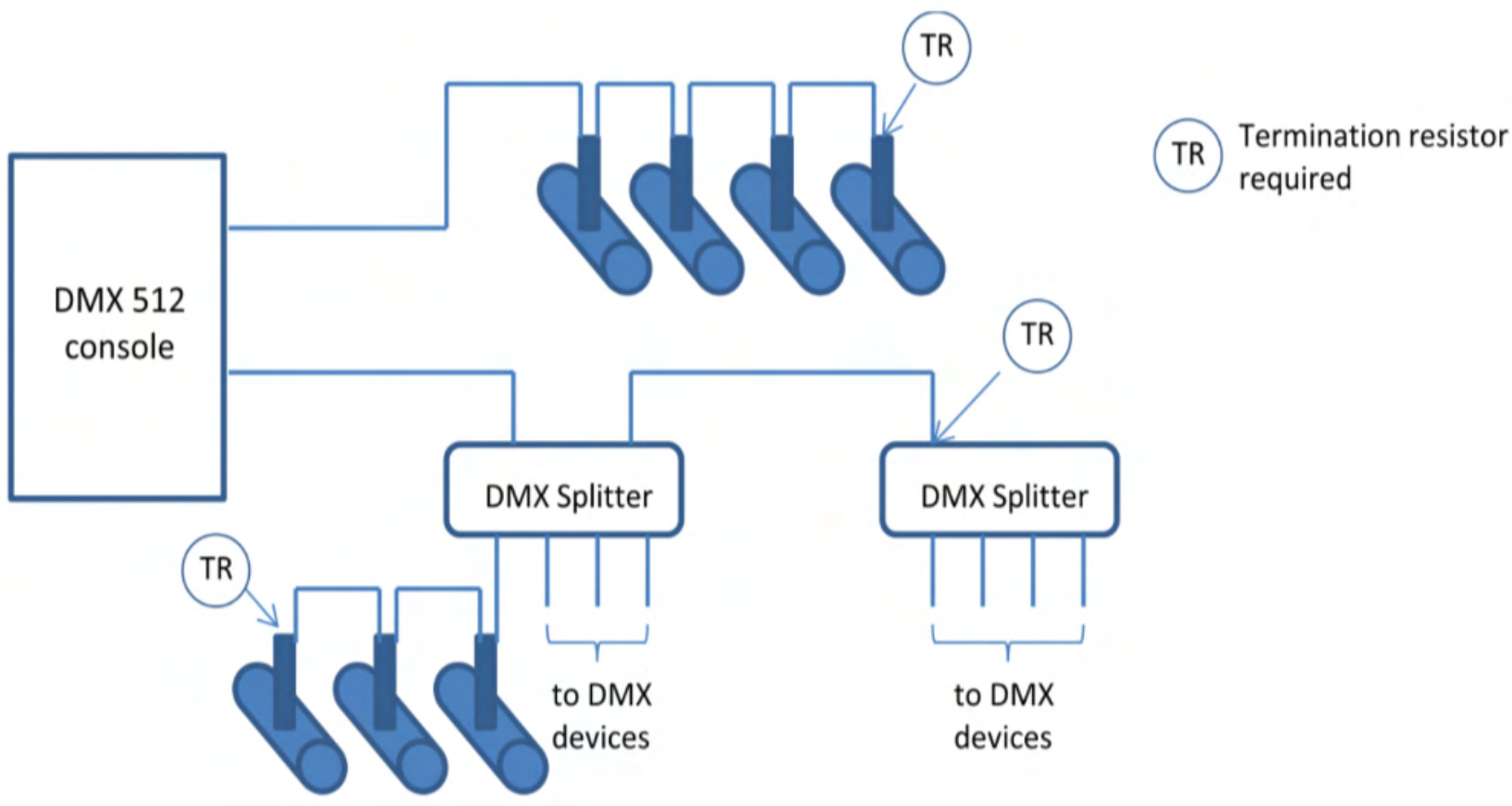
Termination (for End of Line)

In order to reduce the possibility of data errors occurring in the DMX512-A system, the device at the end of the DMX512-A line should have an impedance matching termination resistor fitted between Data + and Data - .The DMX512-A splitter/repeater has an inbuilt termination resistor which can be selected via dip switch 1 inside the splitter/repeater unit.

The figure below is an example of a DMX512-A system showing where termination resistors required.



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