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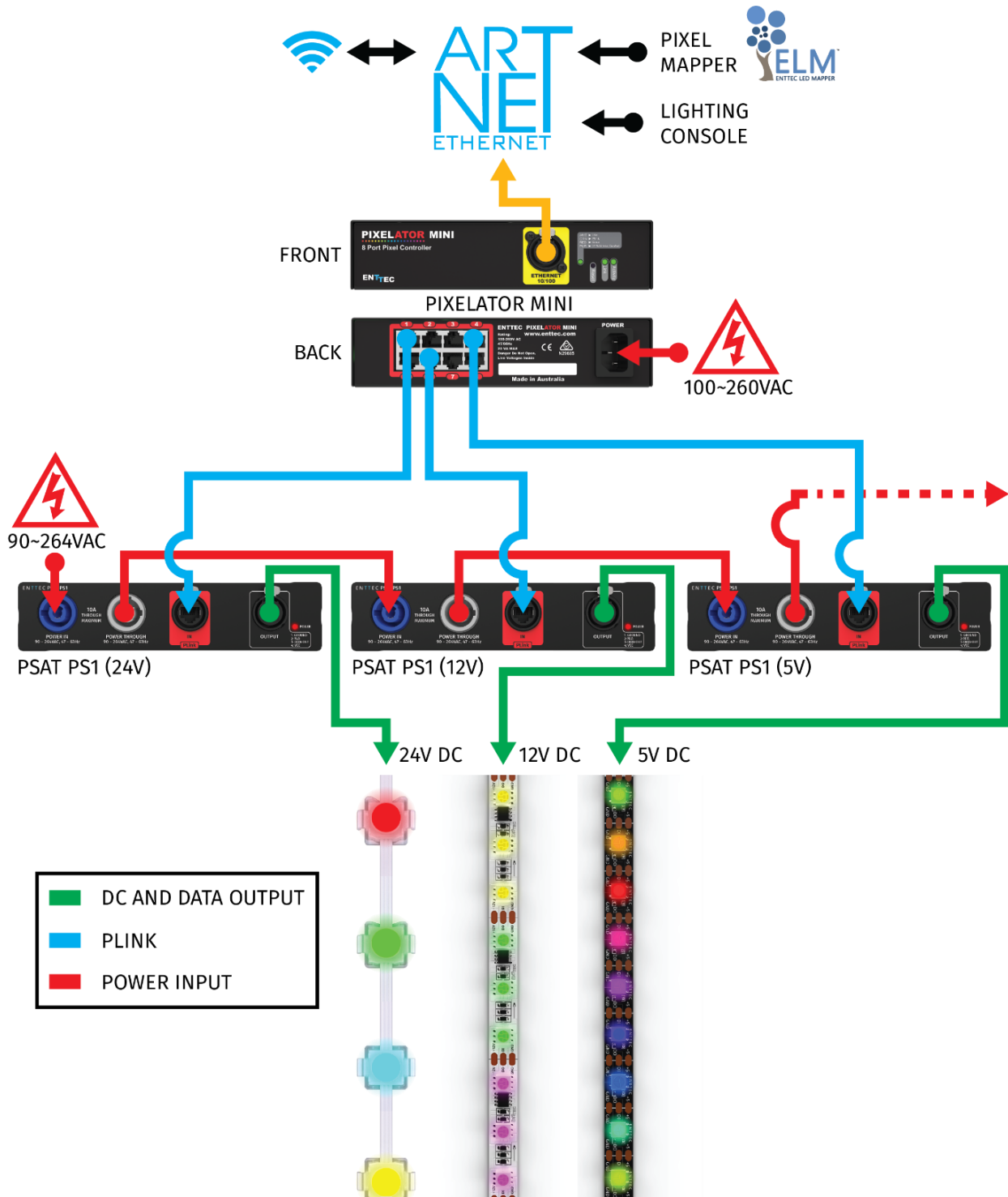Installation Sheet
PSAT
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PSAT Installation Sheet

- Please make sure the Voltage of the Pixel Tape or Dots match the Voltage of the PSAT, before connecting it to the PSAT.

- PLINK Input should be connected to a compatible Pixel Controller only (Pixelator, Pixelator Mini or Pixie Driver) using a cat5 / cat6 cable. Cat6 cable is recommended for longer distances.

- It's recommended to use the Pixel Output connector provided. It allows easy connection to ENTTEC Pixel Tape or Pixel dots

- Please refer to the Wiring diagram for more details

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Wiring Diagram

PIXEL MAPPER

LIGHTING CONSOLE

FRONT

PIXELATOR MINI
8 Port Pixel Controller

PIXELATOR MINI

BACK

100~260VAC

90~264VAC

PSAT PS1 (24V)

PSAT PS1 (12V)

PSAT PS1 (5V)

24V DC

12V DC

5V DC

- DC AND DATA OUTPUT
- PLINK
- POWER INPUT

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Tips and Tricks

Pixel Tape/Dots should be connected to the output using the connector provided

Choosing a PSAT

When choosing a PSAT consider the following:

- What is the voltage of the LED tape/Dots used?
- What is the power requirement of the display?

The maximum power limit and the output voltage for the PSAT is provided in the table below:

Product Part No.	Maximum Power/W	Output Voltage/V	Maximum Current/A
75008-16	65	12	2.5
75008-26	65	24	5
75008-55	55	5	10

Please make sure the Voltage of the Pixel Tape or Dots match the Voltage of the PSAT, before connecting it to the PSAT.

Can I run tapes and dots at the same time?

No, only one LED protocol can be selected to drive the output at a given time.

What is the maximum length I can extend my Data?

Data extensions up to **300 meters over Cat6** cable only; if using Cat5 cable, this distance will be reduced.

What Pixel product can I use with my PSAT?

PSAT is compatible with ENTTEC **Pixelator, Pixie Driver** and **Pixelator Mini.**

- The Plink Data is generated from the Pixelator, Pixie Driver or Pixelator Mini. It cannot be changed by the PSAT

- To make any changes to the Data, please change settings on Pixelator, Pixie Driver or Pixelator Mini

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