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twinkly TWPRO-CTRL-PLC-21 Power Line Controller Instruction Manual

TWPRO-CTRL-PLC-21 Power Line Controller
Instruction Manual

Contents

TWPRO-CTRL-PLC-21 Power Line Controller

Power Line Controller
ETHERNET
FOR INDOOR AND OUTDOOR USE

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Read and follow all safety instructions.
2. Do not use seasonal products outdoors unless marked as suitable for indoor and outdoor use. When products are used in outdoor applications, connect the product to a Ground Fault Circuit Interrupting (GFCI) outlet. If one is not provided, contact a qualified electrician for proper installation.
3. This seasonal use product is not intended for permanent installation or use.
4. Do not mount or place near gas or electric heaters, fireplaces, candles, or other similar sources of heat.
5. Do not secure the wiring of the product with staples or nails, or place it on sharp hooks or nails.
6. Do not let lamps rest on the supply cord or on any wire.
7. This is an electric product – not a toy! To avoid the risk of fire, burns, personal injury, and electric shock it should not be played with or placed where small children can reach it.
8. Do not use this product for other than its intended use.
9. Do not hang ornaments or other objects from the cord, wire, or light string.
10. Do not cover the product with cloth, paper, or any material not part of the product when in use.
11. Do not close doors or windows on the product or extension cords as this may damage the wire insulation.
12. Read and follow all instructions that are on the product or provided with the product.
13. Save these instructions.

USE AND CARE INSTRUCTIONS

a. When the product is placed on a live tree, the tree should be well maintained and fresh. Do not place on live trees in which the needles are brown or break off easily. Keep the live tree holder filled with water.
b. Once the product is placed, the installation should be well secured and stable.
c. Before using or reusing, inspect the product carefully. Discard any products that have cut damaged, or frayed wire insulation or cords, cracks in the lamp holders or enclosures, loose connections, or exposed copper wire.
d. When storing the product, carefully remove the product from wherever it is placed, including trees, branches, or bushes, to avoid any undue strain or stress on the product conductors, connections, and wires.
e. When not in use, store neatly in a cool, dry location protected from sunlight.
ATTENTION – REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK
a. Do not install on surfaces having sharp edges, or coverings of metal or materials which look like metal.
b. Do not mount or support wires in a manner that can cut or damage wire insulation.
Class A Disclaimer: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
i. Reorient or relocate the receiving antenna.
ii. Increase the separation between the equipment and the receiver.
iii. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
iv. Consult the dealer or an experienced radio/television technician for help.

⚠ **WARNING!**
Do not connect the light string to the power supply while it is in the packaging. The connecting cable cannot be repaired or replaced. THE LAMPS ARE NOT REPLACEABLE. The lighting chain must not be used without all gaskets being in place. Lighting chains are not intended for interconnection. Do not connect this light string electrically to devices from another manufacturer. CAUTION! Strangulation hazard. Keep out of reach of young children.

The crossed-out wheeled bin symbol indicates that the item should be disposed of separately from household waste. The item should be handed in for recycling in accordance with local environmental regulations

for waste disposal.

The manufacturer, Leadworks Srl, declares that this device complies with the (LVD) 2014/35/EU, (EMC) 2014/30/EU, (RoHS) 2011/65/EU directives. The full text of the EU declaration of conformity is available at the following Internet address: **www.twinkly.com/certifications**

TECHNICAL SPECIFICATIONS

No. of ports	6
IP rating	IP65
Connectivity	Ethernet
Power rating	150 W MAX
Adapter input voltage	120 – 240 VAC	MAX 50/60Hz
Temperature range	-15°C / 40°C	5°F / 104°F
Storage temperature range	-20°C / 60°C	-4°F / 140°F
Certification	US	EU	JP	AU certified
Warranty	24 months

Setup requirements
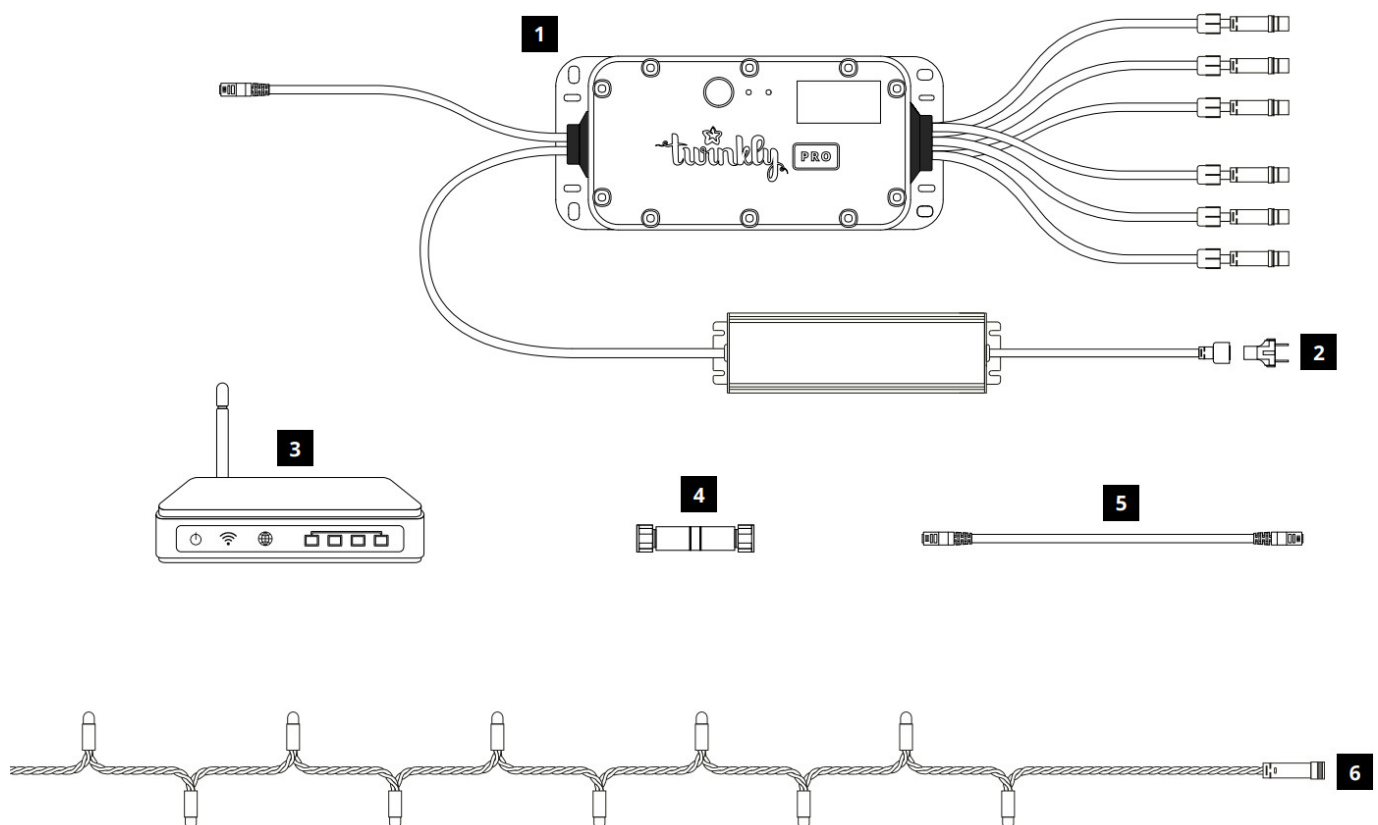
1. Power Line Controller
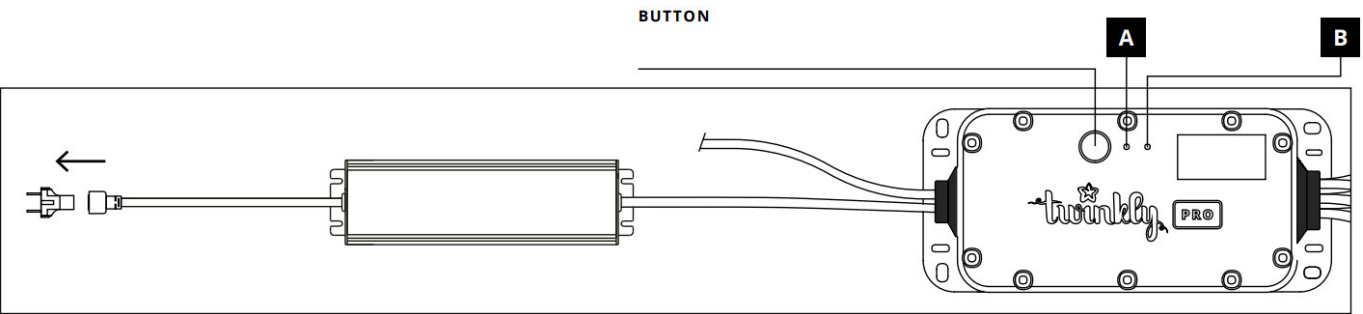2. Plug
3. Internet Router

connect light strings
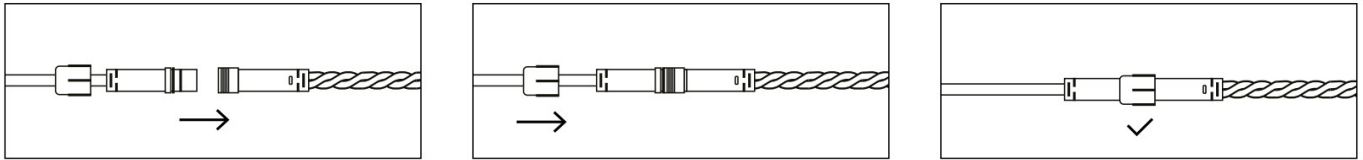
Connect the light strings to the controller following the numbered order on the side of the case.

connect to your network
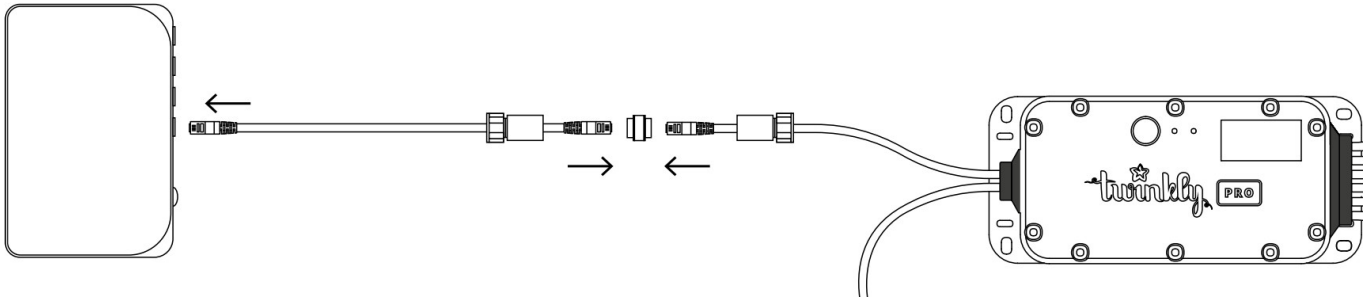
Connect the ethernet cable to an open port on the internet router — in case the integrated ethernet cable can't reach it, use the provided ethernet cable extender.

power up the controller

BUTTON

A   B

Connect the AC cable to the provided plug or to an airtight electrical box.
When the controller is powered up, the LEDs on top turn on.

A NETWORK CONNECTION LED

| Blue — Fast blink Port disconnected	Blue — Moderate blink Waiting for IP address	Blue — Burst blink IP address assigned

B STATUS LED

| Green — Slow blink Running locally	Green — Burst blink Running with cloud connection	Pink — Slow blink Output status ON

Red — Short pulse POE enabled	Yellow — Steady Firmware update ongoing	White — Moderate blink Reset request in progress	White — Steady Reset request accepted

factory reset

While holding the button disconnect and reconnect the controller's plug, then keep holding the button until the Status LED turns steady white, then release the button.

WHITE LIGHT

multi-controller setup

OPTION A   OPTION B   OPTION C
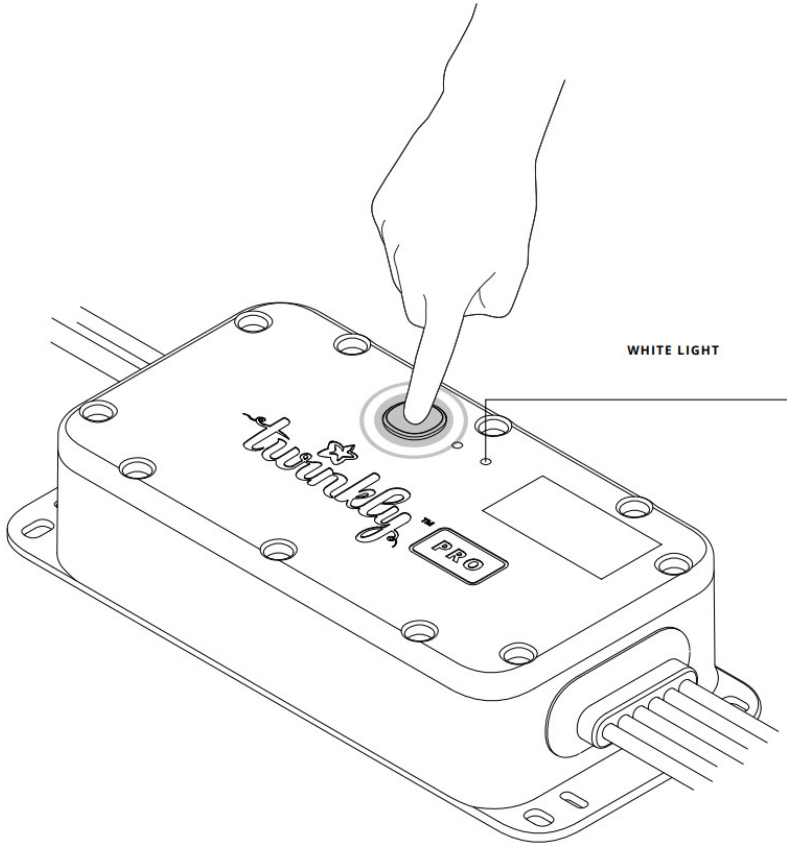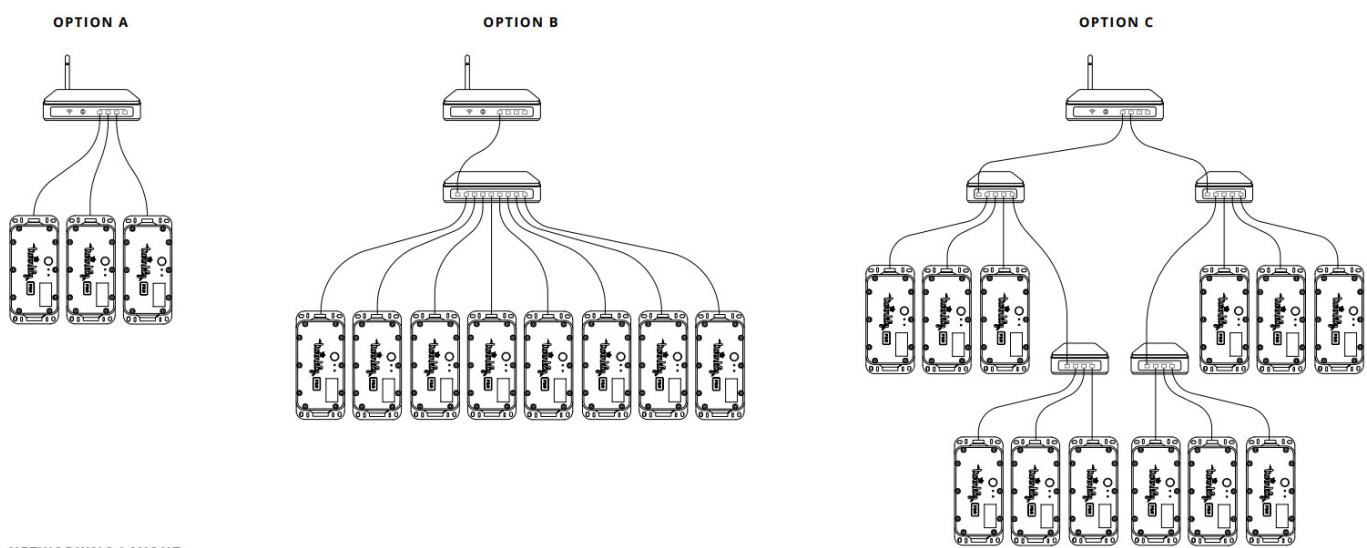
NETWORKING LAYOUT

Join multiple controllers together by connecting them to the same Internet connection and create a group in the Twinkly App.

The maximum number is delimited by the number of available ethernet ports in your router. Using network switches, extend the networking layout up to three levels.

app download

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http://twinkly.com/qr/0016.php
Go to the App Store or scan the QR code above.
Download and install the Twinkly App.
Launch the Twinkly App and follow the onboarding process on the app.
For more information, you can visit **https://www.twinkly.com/support/** to get technical support and access the latest downloads and user manuals

LEADWORKS SRL
Via Tortona, 37 – 20144
Milano – Italy
MORE INFO
www.twinkly.com/support

Documents / Resources

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TWPRO-CTRL-PLC-21, Power Line Controller, TWPRO-CTRL-PLC-21 Power Line Controller, Line Controller, Controller