

Aputure PT4c

Aputure Amaran PT4c Pixel Tube Light User Manual

Model: PT4c

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your Aputure Amaran PT4c Pixel Tube Light. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent electric shock, fire, or damage to the product:

- Do not disassemble or modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the product away from water and other liquids. Do not operate in wet conditions.
- Use only the provided power adapter and accessories. Using incompatible accessories may cause damage or malfunction.
- Ensure proper ventilation during operation to prevent overheating.
- Avoid direct eye exposure to the light source, as it can cause discomfort or vision impairment.
- Store the product in a cool, dry place when not in use.

3. WHAT'S IN THE BOX

Carefully unpack your Amaran PT4c and verify that all items listed below are present. If any items are missing or damaged, contact your retailer.

What' s in the Box

- ① amaran PT4c ×1
- ② 45W Power Adapter with USB-C PD Power Cable (1.8m) ×1
- ③ Magnetic T12 Bracket ×2
- ④ 3/8-16in Eyebolt ×1
- ⑤ Carrying Case ×1



Image: The Amaran PT4c Pixel Tube Light and its included accessories, laid out for inspection.

- 1. Amaran PT4c Pixel Tube Light (120cm/47.2Inch) x1
- 2. 45W Power Adapter with USB-C PD Power Cable (1.8m) x1
- 3. Magnetic T12 Bracket x2
- 4. 3/8-16in Eyebolt x1
- 5. Carrying Case x1

4. PRODUCT OVERVIEW

Familiarize yourself with the key components of the Amaran PT4c Pixel Tube Light:

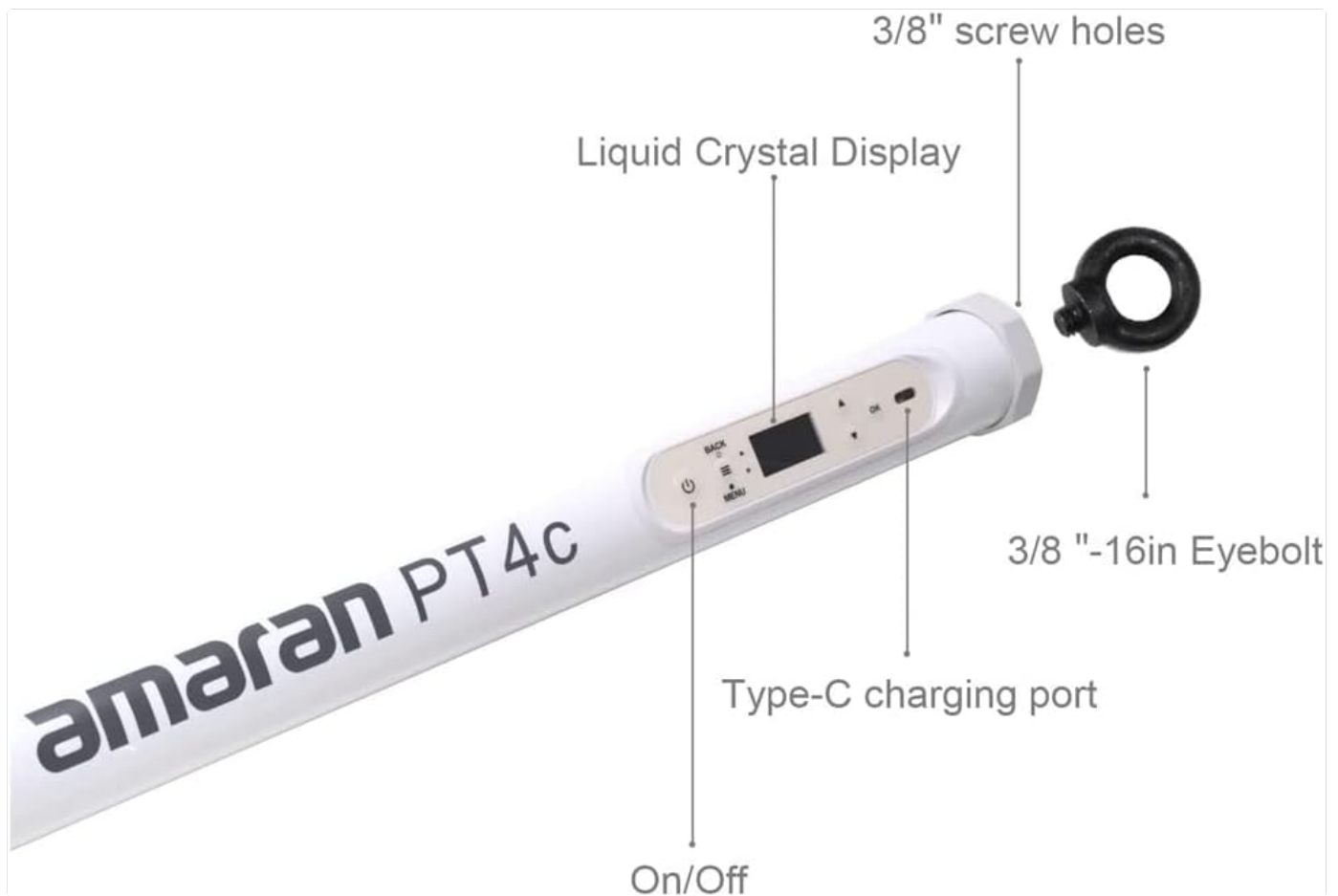


Image: Detailed view of the Amaran PT4c's control interface and mounting points.

- **Liquid Crystal Display (LCD):** Displays current settings and menu options.
- **On/Off Button:** Powers the unit on or off.
- **Menu Button:** Navigates through menu options.
- **Back Button:** Returns to the previous menu.
- **OK Button:** Confirms selections.
- **Type-C Charging Port:** For charging the internal battery and DMX control.
- **3/8-16in Mounting Points:** Located on each end cap for rigging accessories.

5. SETUP

5.1 Charging the Battery

The Amaran PT4c features a built-in 77Wh Lithium-Ion battery. Before initial use, fully charge the device.

1. Connect the provided 45W USB-C PD power adapter to the Type-C charging port on the light tube.
2. Plug the power adapter into a suitable power outlet.
3. The LCD will indicate the charging status. A full charge provides approximately 170 minutes of runtime at maximum power.



Image: The USB-C power adapter used for charging the Amaran PT4c.

5.2 Mounting Options

The PT4c offers versatile mounting options using the included accessories:

- **Magnetic Brackets:** Attach the magnetic T12 brackets to the light tube for quick mounting on metallic surfaces.
- **Eyebolt:** Screw the 3/8-16in eyebolt into the mounting points on the end caps for hanging or rigging with clamps.
- **Mini Tripod Floor Stands:** Use the included mini tripod floor stands for stable placement on flat surfaces.

Included Threaded Magnetic Brackets & Eyebolt for Additional Mounting Options



Image: Examples of mounting the Amaran PT4c using magnetic brackets and an eyebolt.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press and hold the **On/Off** button for a few seconds to power the light on or off.

6.2 Basic Operation (On-Board Control)

Use the **Menu**, **Back**, and **OK** buttons to navigate the LCD menu and adjust settings:

- **CCT Mode:** Adjust Correlated Color Temperature from 2,700K to 10,000K. Fine-tune green-magenta balance.
- **HSI Mode:** Control Hue, Saturation, and Intensity with White Point CCT control.
- **FX Modes:** Access built-in lighting effects.

6.3 Special Effects (FX)

The PT4c includes a variety of pre-programmed lighting effects:

- **7 Pixel FX:** Color Fade, Color Cycle, One Pixel Chase, Two Pixel Chase, Three Pixel Chase, Rainbow, Pixel Fire.
- **9 System FX:** Fireworks, Fire, Paparazzi, Faulty Bulb, TV, Pulsing, Cop Car, Lightning, Party Lights.

9 System FX

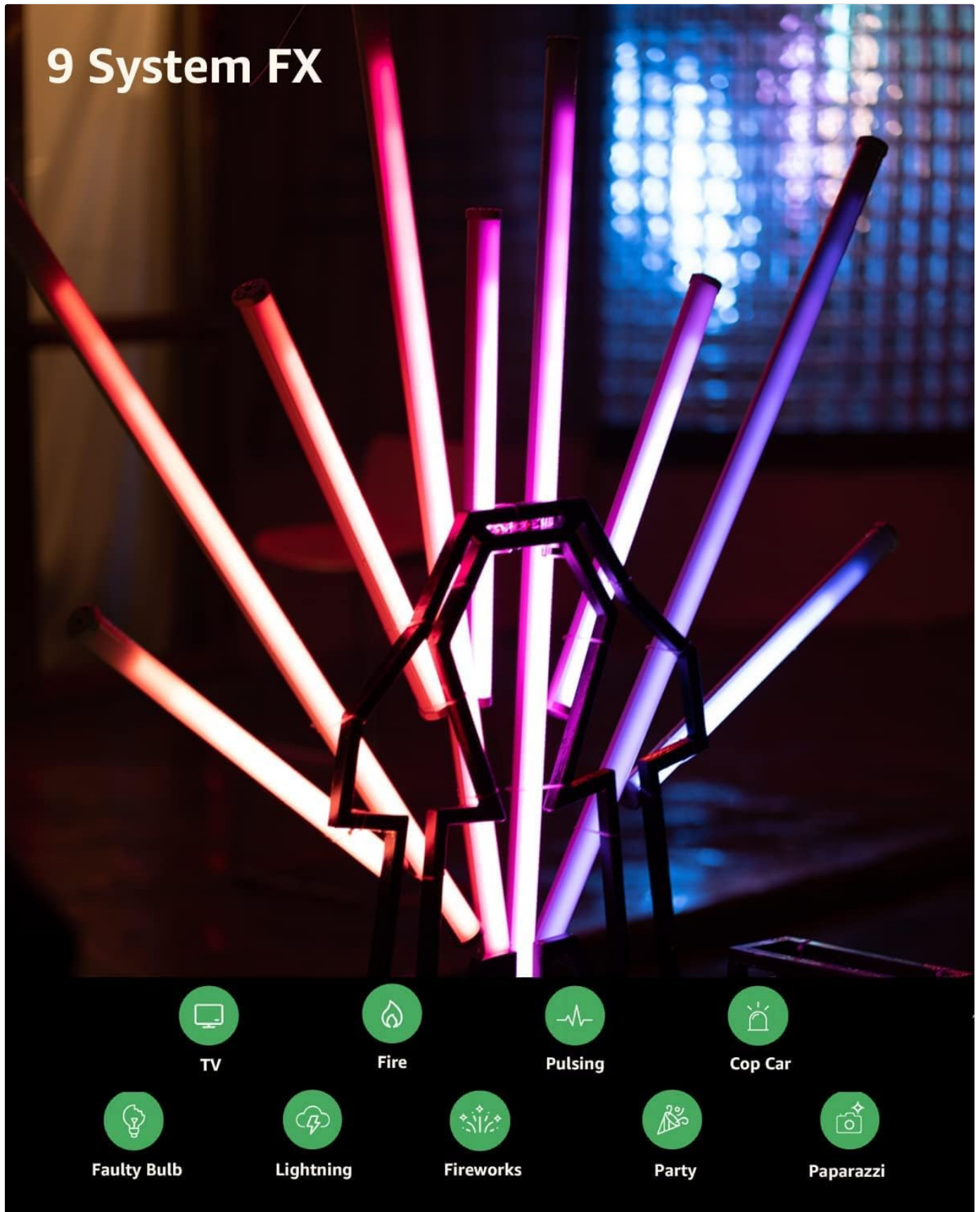


Image: Visual representation of the 9 System FX available on the Amaran PT4c.

6.4 Sidus Link Bluetooth App Control

For advanced control and customization, download the Sidus Link app on your smartphone or tablet.

1. Ensure Bluetooth is enabled on your mobile device.
2. Open the Sidus Link app and follow the on-screen instructions to connect to your Amaran PT4c.

3. The app provides comprehensive control over CCT, HSI, FX, and pixel mapping features.

6.5 DMX Control

The PT4c supports DMX control via its USB-C port using the included Amaran USB-C to DMX adapter.

- 1. Connect the Amaran USB-C to DMX adapter to the PT4c's Type-C port.
- 2. Connect the DMX adapter to your DMX console.
- 3. Refer to the DMX protocol chart (available on the Aputure website or via Sidus Link app) for channel assignments and control parameters.
- 4. The PT4c features 14 built-in DMX profiles and DMX loss behaviors.

7. MAINTENANCE

- Clean the light tube with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Regularly check the charging port and connectors for dust or debris.
- When storing for extended periods, ensure the battery is charged to approximately 50% to prolong its lifespan. Recharge every 3 months.

8. TROUBLESHOOTING

If you encounter issues with your Amaran PT4c, refer to the following table:

Problem	Possible Cause	Solution
Light does not turn on	Battery is depleted	Charge the battery using the provided power adapter.
Light flickers or behaves erratically	Loose connection or firmware issue	Ensure all connections are secure. Try restarting the device. Check for firmware updates via the Sidus Link app.
Cannot connect to Sidus Link app	Bluetooth is off or app issue	Ensure Bluetooth is enabled on your mobile device. Restart the app and the light. Try pairing again.
DMX control not working	Incorrect DMX settings or faulty adapter	Verify DMX address and mode settings. Check the DMX cable and adapter for damage. Consult the DMX protocol chart.

9. SPECIFICATIONS

Feature	Detail
Model	Amaran PT4c
Light Type	RGBWW LED Pixel Tube Light
Length	120cm (47.2 inches)
Power Output	32W

Feature	Detail
Pixels	16 Independently Controllable Pixels
CCT Range	2,700K to 10,000K
CRI	95
TLCI	98
Battery	Built-in 77Wh Lithium-Ion
Runtime (Max Power)	Approx. 170 minutes
Charging	USB PD 32W Fast Charging (USB-C)
Control Methods	On-board, Sidus Link App (Bluetooth), DMX (via USB-C)
Mounting	3/8-16in threads, Magnetic Brackets

10. WARRANTY AND SUPPORT

The Aputure Amaran PT4c Pixel Tube Light comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Aputure website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or service inquiries, please contact Aputure customer support through their official website or your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question