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› AQUASTRONG Solar Pool Ionizer Instruction Manual (Model SPI025)

AQUASTRONG SPI025

AQUASTRONG Solar Pool Ionizer Instruction Manual

Model: SPI025

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INTRODUCTION

The AQUASTRONG Solar Pool Ionizer (Model SPI025) is designed to provide an efficient and eco-friendly solution for maintaining clear and healthy pool water. Utilizing solar power, this device releases copper ions into your pool, which act as a natural algaecide, significantly reducing the need for traditional chlorine. This manual will guide you through the proper setup, operation, and maintenance to ensure optimal performance and longevity of your ionizer.



Figure 1: AQUASTRONG Solar Pool Ionizer in use.

PACKAGE CONTENTS

Before beginning installation, please verify that all components are present in your package:

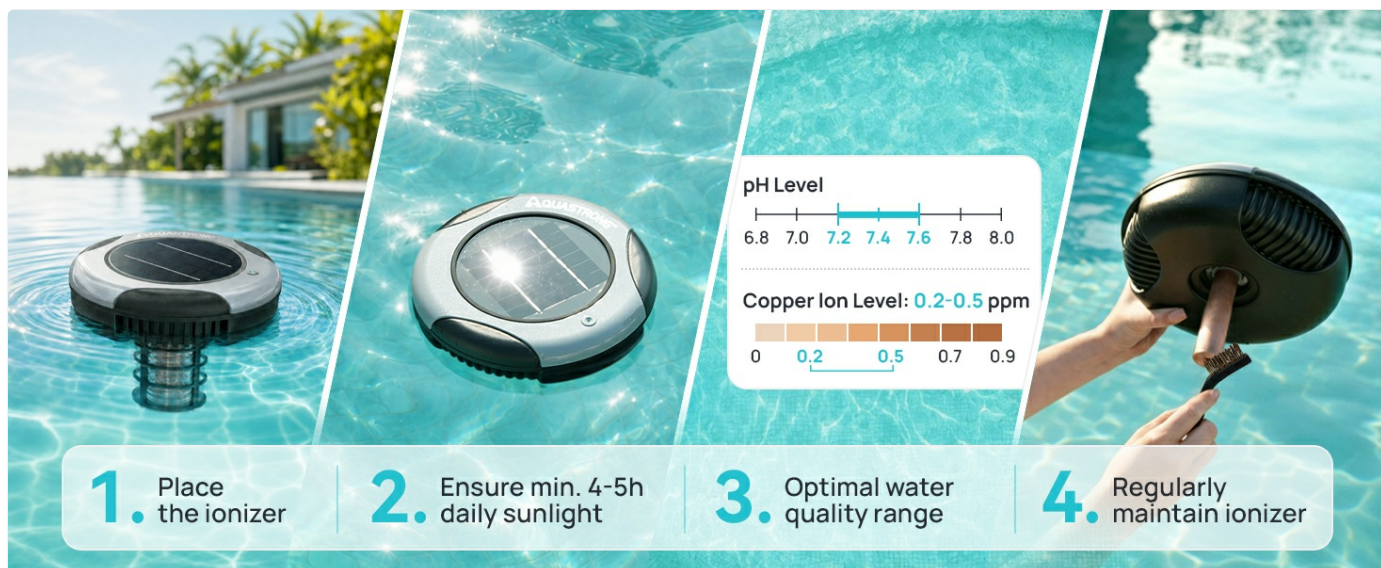


Figure 2: Included components of the AQUASTRONG Solar Pool Ionizer.

- 1 x Large Solar Panel Unit
- 1 x T1 Copper Anode (8.5 oz)
- 1 x Stainless Steel Spring
- 1 x Filter Basket
- 1 x Screw
- 1 x Metal Brush
- 2 x Ring Buckle
- 1 x Copper Ion Test Strips (Note: Additional copper test strips may be required for precise monitoring)
- 1 x Tether Rope
- 1 x User Manual (Quick Start Guide)

SETUP INSTRUCTIONS

Follow these steps to set up your AQUASTRONG Solar Pool Ionizer:

1. **Assemble the Ionizer:** Attach the copper anode, stainless steel spring, and filter basket to the main solar unit using the provided screw. Ensure all parts are securely fastened.
2. **Place in Pool:** Gently place the assembled ionizer into your pool. It is designed to float on the water surface.
3. **Optimal Placement:** Position the ionizer in an area that receives direct sunlight for at least 4-5 hours daily to ensure maximum efficiency.
4. **Use Tether Rope (Optional but Recommended):** Attach the tether rope to the ionizer and secure the other end to a fixed point on your pool deck. This prevents the ionizer from drifting into shaded areas or pool cleaning equipment.

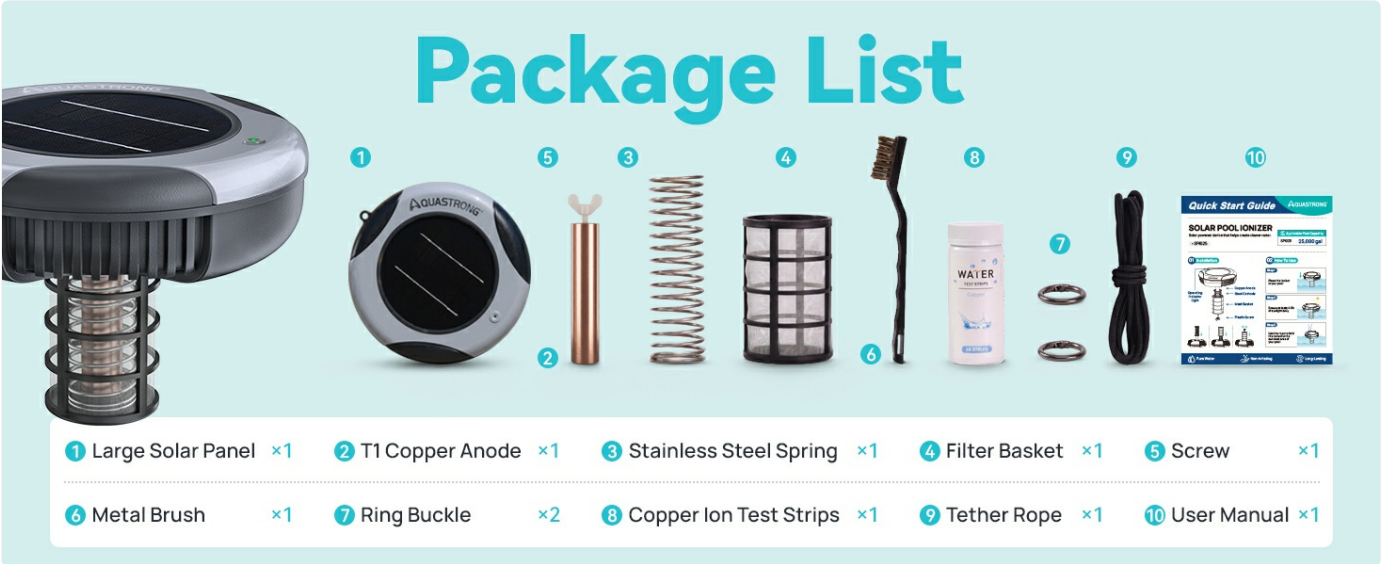


Figure 3: Initial setup and maintenance overview.

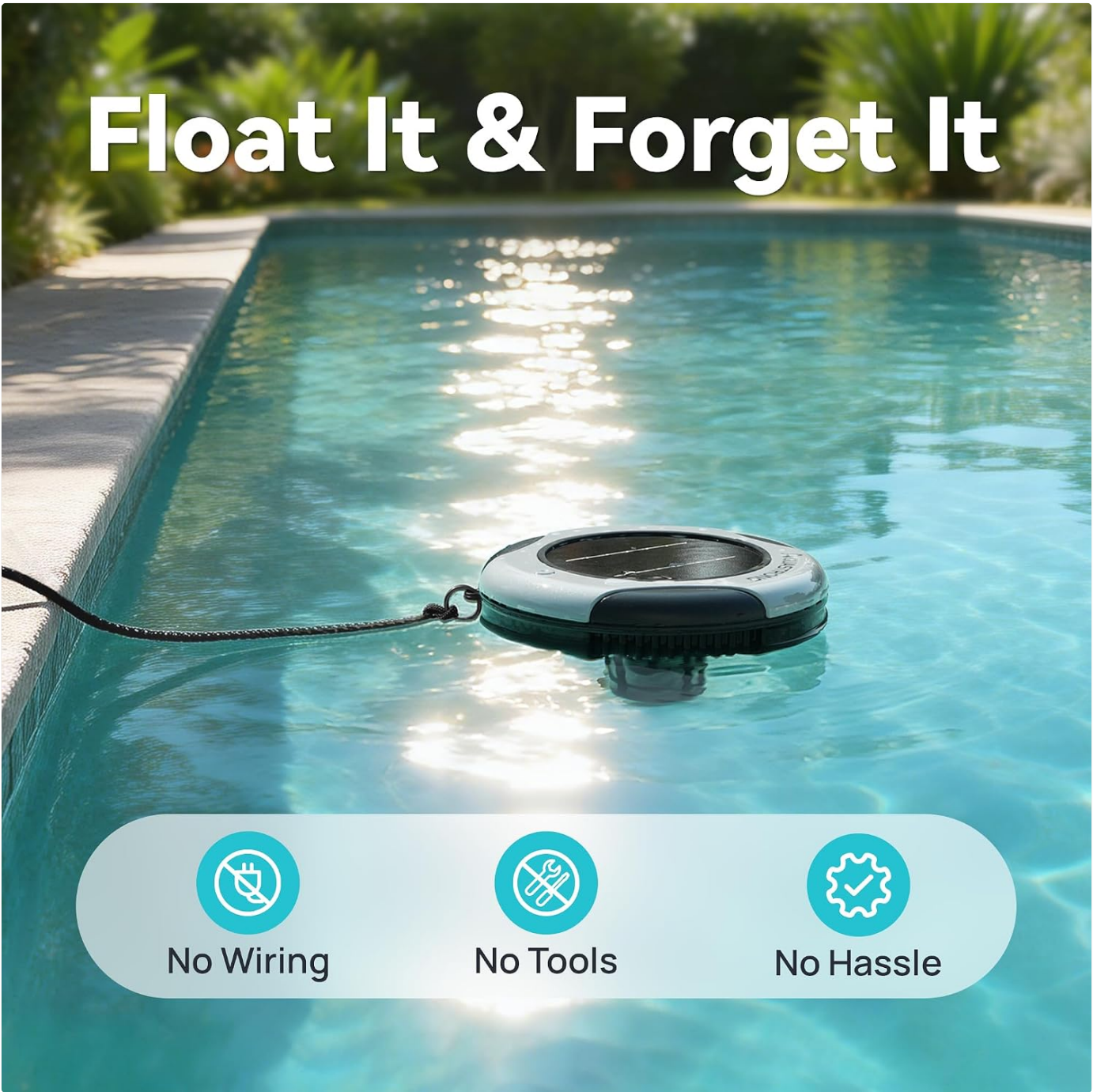


Figure 4: The ionizer's floating design and ease of use.

OPERATION

The AQUASTRONG Solar Pool Ionizer operates by converting sunlight into a low-voltage electrical current. This current passes through the copper anode, releasing positively charged copper ions into the pool water. These ions effectively inhibit algae growth and help clarify the water.

Solar Power and Ionization



Figure 5: High-output solar panel for efficient ionization.

Copper Ion Technology

Powerful Natural Water Care

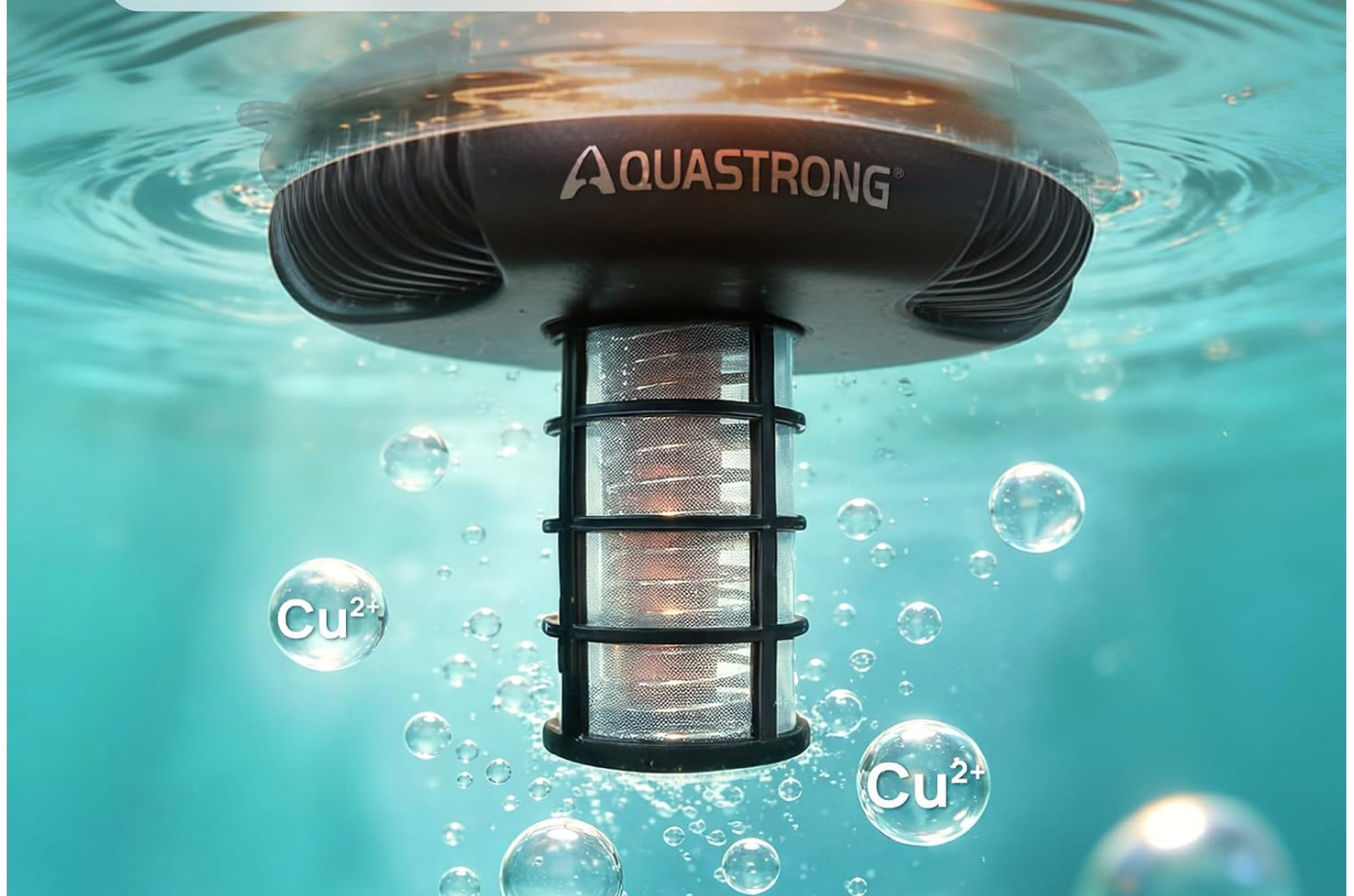


Figure 6: Copper ion technology for natural water purification.

LED Indicator Light

The ionizer features a smart LED indicator light. When the unit is receiving sufficient sunlight and actively generating ions, the LED will illuminate. If the LED is off, the unit is not actively ionizing, which may indicate insufficient sunlight or a need for cleaning.

Smart LED Indicator Light



Visible Status



Active



Inactive

No more guessing, real-time guidance

Figure 7: Smart LED indicator light for visible status.

Your browser does not support the video tag.

Video 1: Demonstrates the AQUASTRONG Solar Pool Ionizer's LED indicator light, showing it illuminates in direct sunlight to confirm operation.

Pool Compatibility and Capacity

This ionizer is suitable for pools up to 25,000 gallons and is compatible with various pool types, including above-ground, inground, freshwater, saltwater, chlorinated, and fiberglass pools, as well as spas and hot tubs.

Covers Up to

25,000 GAL



One unit - perfect for most pools

Figure 8: Ionizer capacity for pools up to 25,000 gallons.

Perfect for All Pool Types

- ✓ Above/Inground Pools
- ✓ Saltwater Pools
- ✓ Chlorinated Pools
- ✓ Fiberglass Pools
- ✓ Spas/Hot Tubs



Figure 9: Compatibility with various pool types.

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Video 2: Highlights how the AQUASTRONG Solar Pool Ionizer helps reduce chlorine usage by up to 90%.

MAINTENANCE

Regular maintenance ensures the optimal performance and extends the lifespan of your AQUASTRONG Solar Pool Ionizer.

Cleaning the Copper Anode

The copper anode will accumulate mineral deposits over time, which can reduce its effectiveness. It is recommended to clean the copper anode weekly or bi-weekly, depending on pool usage and water hardness. Use the provided metal brush to scrub off any buildup from the copper rod and filter basket.

Upgrade Copper Anode



The image shows a comparison between the AQUASTRONG copper anode and other models. The AQUASTRONG anode is shown in a teal box, while the other model is shown in a grey box. The AQUASTRONG anode is larger and has a longer copper rod.

Lifespan	Longer	Others	Shorter
Weight	8.5 oz		7.1 oz
Grade	T1		T2
Purity	99.98%		99.90%

Figure 10: The durable 8.5 oz copper anode.

Package List

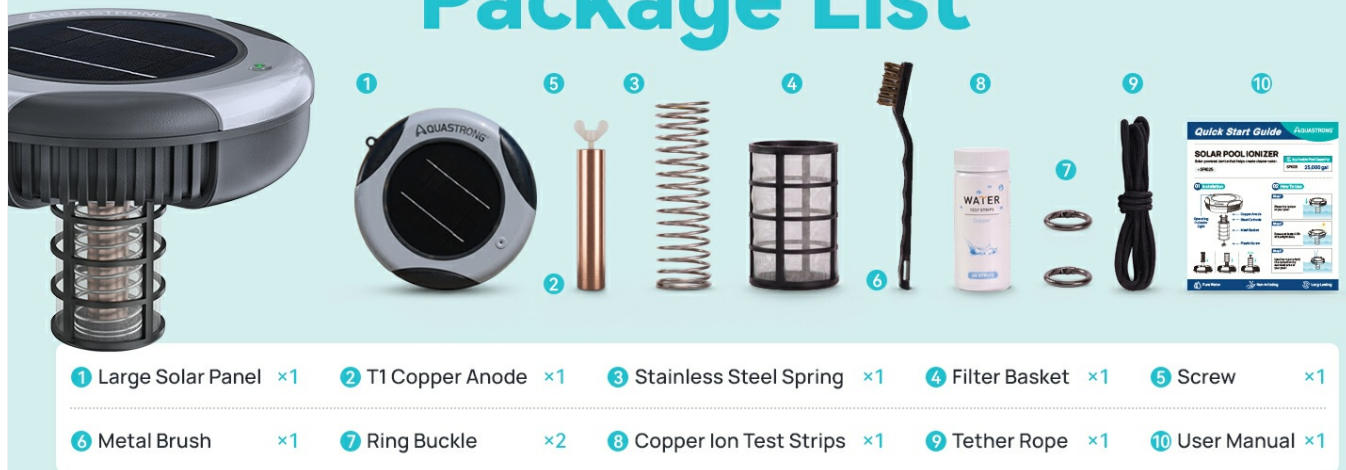


Figure 11: Steps for regular maintenance of the ionizer.

Solar Panel Cleaning

Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, debris, or mineral buildup. A clean solar panel ensures maximum sunlight absorption and efficient ion production.

IPX5 Waterproof

0 Leakage, 100% Dry Solar Panel



Figure 12: The ionizer's IPX5 waterproof design.

Monitoring Copper Levels

It is crucial to regularly monitor the copper ion levels in your pool water. The ideal range for copper ions is typically 0.2 to 0.5 ppm (parts per million). Use the included copper ion test strips or a dedicated copper test kit for accurate readings. Maintaining copper levels within this range prevents staining of pool surfaces and ensures effective algae control without over-ionization. If copper levels exceed 0.5 ppm, temporarily remove the ionizer from the pool until levels return to the recommended range.

TROUBLESHOOTING

Problem	Possible Cause	Solution
LED indicator light is off.	Insufficient direct sunlight. Solar panel is dirty.	Relocate the ionizer to an area with more direct sunlight. Clean the solar panel surface.

Problem	Possible Cause	Solution
Pool water is not clearing or algae persists.	Insufficient copper ion levels. Dirty copper anode. Inadequate sunlight. Pool size exceeds capacity.	Check copper ion levels and ensure they are within 0.2-0.5 ppm. Clean the copper anode. Ensure the ionizer receives 4-5 hours of direct sunlight daily. Verify your pool volume is within the 25,000-gallon capacity.
Staining on pool surfaces or green hair.	Copper ion levels are too high.	Immediately remove the ionizer from the pool. Test copper levels and wait for them to drop below 0.5 ppm before reintroducing the ionizer. Reduce the time the ionizer spends in the pool.
Ionizer drifts to shaded areas.	Tether rope not used or improperly secured.	Use the provided tether rope to secure the ionizer in a sunny location.

SPECIFICATIONS

- Brand:** AQUASTRONG
- Model Number:** SPI025
- Pool Capacity:** Up to 25,000 Gallons
- Copper Anode Weight:** 8.5 oz
- Copper Anode Purity:** 99.98% (T1 Grade)
- Waterproof Rating:** IPX5
- Power Source:** High-efficiency Solar Panel
- Product Benefits:** Clarifies water quality, reduces chemical usage

WARRANTY & SUPPORT

Specific warranty details for the AQUASTRONG Solar Pool Ionizer (Model SPI025) are typically provided at the point of purchase or within the product packaging. Please refer to your purchase receipt or the quick start guide for warranty period and terms. For technical support, replacement parts, or further assistance, please contact AQUASTRONG customer service through the retailer where the product was purchased or visit the official AQUASTRONG website for contact information.

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