

AquaAmp 515-1

AquaAmp 515-1 Waterproof Wireless Charging Phone Holder

Model: 515-1

PRODUCT OVERVIEW

The AquaAmp 515-1 wireless charger is designed for outdoor enthusiasts, offering a reliable and dependable charging solution in various weather conditions. It provides fast wireless charging for compatible smartphones and other electronic devices. The clamping arms securely hold your phone in place, ensuring proper alignment for charging even in challenging environments. This 12/24V and IPX6 certified charger is built to withstand rain, sleet, or snow, eliminating the need for messy cables. It features built-in foreign object detection and a thermal management system for enhanced safety.

PACKAGE CONTENTS

- 15W wireless charger
- Spreader Bar
- Installation Template
- Self-tapping screws (x4)

PRODUCT VISUALS



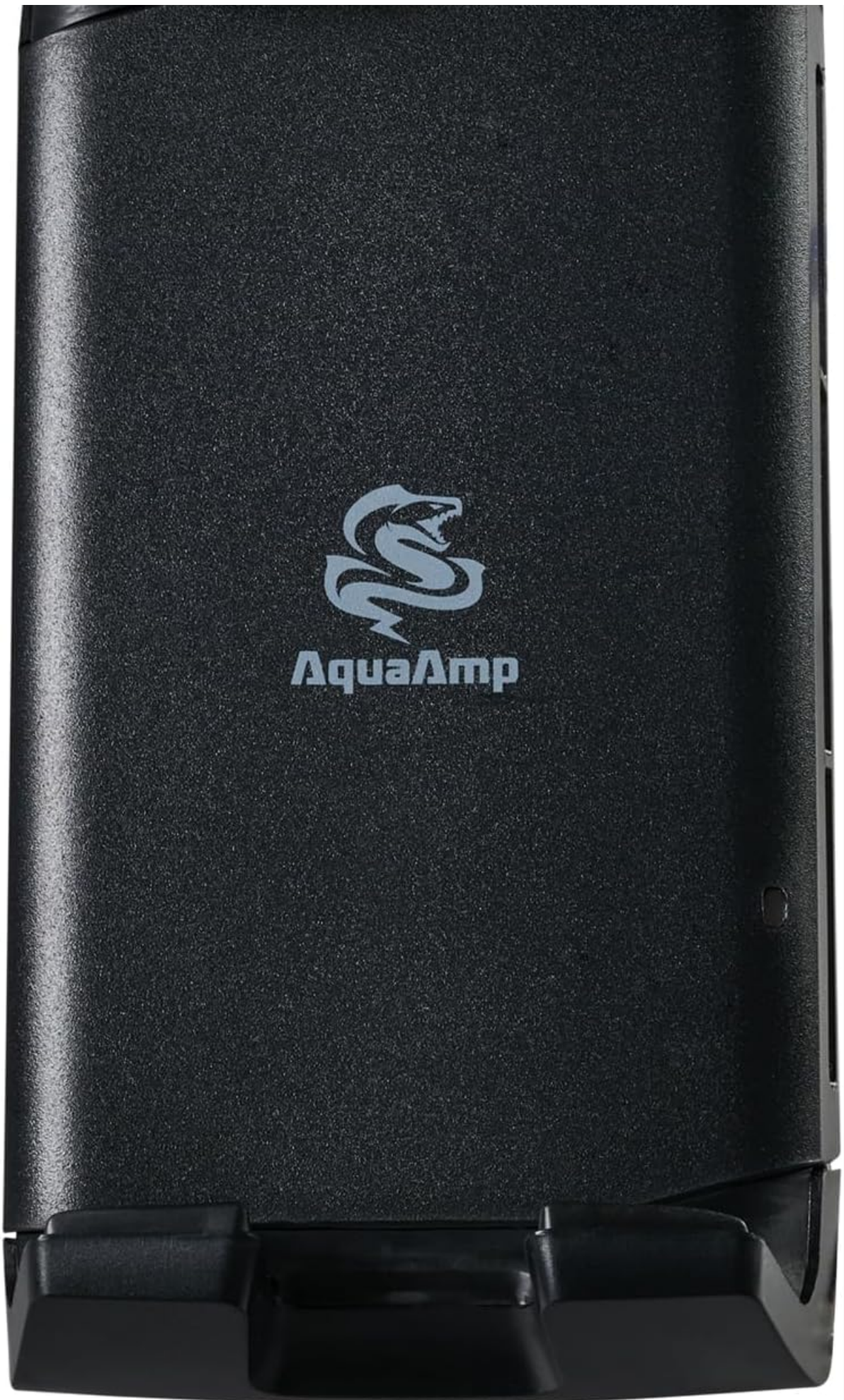


Figure 1: Front view of the AquaAmp 515-1 wireless charger, showcasing its sleek design and the AquaAmp brand logo.



Figure 2: Side profile of the AquaAmp 515-1, illustrating the extendable clamping arms designed to securely hold various phone sizes.



Figure 3: An angled perspective of the charger, providing a view of both the top edge and the front face.



Figure 4: A different angled view, highlighting the compact and durable construction of the device.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and safety of your AquaAmp 515-1 wireless charger. Refer to the detailed installation manual for comprehensive instructions. A general overview of the installation process is provided below.

Mounting the Device

1. **Select a suitable mounting location:** Choose a flat, stable surface in your vehicle or desired location that allows for secure attachment and easy access to the device. Ensure the location is clear of obstructions and allows for proper cable routing.
2. **Use the installation template:** Position the provided installation template at the chosen location and mark the drilling points for the mounting screws.
3. **Drill pilot holes:** Carefully drill pilot holes at the marked points, ensuring the drill bit size is appropriate for the self-tapping screws.
4. **Attach the spreader bar (if applicable):** If your installation requires the spreader bar for additional stability or specific mounting configurations, attach it according to the manual.
5. **Secure the charger:** Align the AquaAmp 515-1 charger with the pilot holes and secure it firmly using the provided self-tapping screws. Do not overtighten.

Power Connection

- The AquaAmp 515-1 operates on 12V or 24V DC power systems.
- Connect the positive (+) wire from the charger to a fused 12V/24V power source in your vehicle.
- Connect the negative (-) wire from the charger to a suitable ground point.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- It is recommended to consult a professional for electrical installation if you are unsure.

For detailed diagrams and specific instructions, please refer to the [Installation Manual \(PDF\)](#).

OPERATING INSTRUCTIONS

Wireless Charging

1. **Power On:** Ensure the AquaAmp 515-1 is properly connected to a 12V/24V power source.
2. **Insert Device:** Gently place your compatible smartphone or electronic device into the holder. The clamping arms will automatically adjust and secure the device in place.
3. **Automatic Alignment:** The clamping mechanism ensures that your device is automatically aligned with the charging coil for optimal wireless charging efficiency.
4. **Charging Indicator:** The device will begin charging automatically.
5. **Remove Device:** To remove your device, gently pull it upwards. The clamping arms will release.

Key Features

- **15W Fast Charging:** Delivers up to 15W (9V, 1.66A) for rapid charging of compatible devices.
- **IPX6 Water Resistance:** Designed to withstand powerful water jets, making it suitable for marine and outdoor environments.
- **Clamping Arms:** Securely holds your device and automatically aligns it for efficient charging.
- **Thermal Management System:** Monitors and regulates the device's temperature to prevent overheating during charging.
- **Foreign Object Detection (FOD):** Automatically detects metallic foreign objects on the charging surface and stops charging to prevent damage or overheating.

MAINTENANCE

The AquaAmp 515-1 is designed for durability and requires minimal maintenance. Following these guidelines will help ensure its longevity and optimal performance:

- **Cleaning:** Regularly wipe the surface of the charger with a soft, damp cloth to remove dust, dirt, or salt residue. Avoid using abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Periodically inspect the charging surface and clamping arms for any debris or obstructions. Ensure the clamping mechanism moves freely.
- **Cable Connections:** Check power cable connections for any signs of wear, corrosion, or looseness. Ensure they remain secure and properly insulated.
- **Environmental Exposure:** While IPX6 rated, prolonged exposure to extreme conditions (e.g., direct saltwater submersion, extreme temperatures) should be minimized when possible to extend product life.
- **Storage:** If storing the device for an extended period, ensure it is clean and dry. Store in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not charging.	No power to the charger. Device not properly aligned. Foreign object detected. Device not wireless charging compatible. Thick phone case.	Check power connections and fuse. Re-position the device to ensure proper alignment with the charging coil. Remove any metallic objects (keys, coins, credit cards) from the charging surface. Verify your device supports Qi wireless charging. Remove the phone case or use a thinner one.

Problem	Possible Cause	Solution
Charging is slow or intermittent.	Poor device alignment.	Ensure the device is centered on the charging pad.
	Background apps on device.	Close unnecessary apps on your phone.
	Overheating.	Allow the charger and device to cool down. Ensure adequate ventilation.
Clamping arms not moving.	Obstruction.	Check for any debris or foreign objects blocking the arms' movement.
	Power issue.	Verify the charger is receiving power.

If the problem persists after attempting these solutions, please contact AquaAmp customer support.

PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	515-1
Brand	AquaAmp
Input Voltage	12V/24V DC
Output Power	15W (9V, 1.66A)
Water Resistance Rating	IPX6
Product Dimensions	5.59 x 2.91 x 0.67 inches
Item Weight	12 ounces
Color	Black
Certifications	CE, FCC
Features	Thermal Management System, Foreign Object Detection, Automatic Clamping Arms

WARRANTY AND SUPPORT

AquaAmp products are manufactured to high-quality standards. For specific warranty information regarding your 515-1 Wireless Charging Phone Holder, please refer to the documentation included with your purchase or visit the official AquaAmp website.

Customer Support

If you encounter any issues or have questions about your AquaAmp 515-1, please contact AquaAmp customer support. When contacting support, please have your product model number (515-1) and purchase details ready.

Additional resources, including a detailed [User Guide \(PDF\)](#), may be available online.