

Dual Electronics MH200

Dual Electronics MH200 Universal Gimbal Marine Radio Housing Unit Instruction Manual

Model: MH200

1. INTRODUCTION

The Dual Electronics MH200 Universal Gimbal Marine Radio Housing Unit is designed to protect your single DIN marine radio from harsh marine environments. Its robust construction and waterproof features ensure the longevity and reliable operation of your valuable audio equipment on the water. This manual provides essential information for proper installation, operation, and maintenance of your MH200 unit.

2. KEY FEATURES

- **Universal Compatibility:** Recessed design accommodates most 1.0 DIN head units.
- **Weather Protection:** Features a transparent fold-down door with a rubber seal and a fully enclosed design to provide protection from the elements.
- **Durable Construction:** Made with heavy-duty ABS polymer and includes stainless steel mounting hardware for impact resistance.
- **Cable Management:** Equipped with rubber grommets for secure cable protection.
- **Adjustable Mounting:** The one-piece stainless steel mounting angle is fully adjustable to suit various installation preferences.

3. WHAT'S IN THE BOX

- Dual Electronics MH200 Marine Radio Housing Unit
- Stainless Steel Mounting Hardware
- Rubber Grommets
- User Manual

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and protection offered by the MH200 housing unit. Follow these general guidelines for mounting and securing your marine radio.

4.1 Preparing the Unit

The housing unit is designed to accommodate most single DIN head units. Ensure your marine radio fits within the dimensions of the housing before proceeding with installation.



Image: Interior view of the MH200 housing, illustrating the internal compartment designed to securely hold a single DIN marine radio. The image highlights the pre-wired connections and the robust internal structure.

4.2 Mounting the Housing

1. **Select Location:** Choose a suitable location on your boat for mounting the housing. Consider accessibility, visibility, and protection from direct impact.
2. **Attach Bracket:** Secure the stainless steel mounting bracket to the desired surface using appropriate fasteners (not included, unless specified). The bracket is adjustable to allow for deck or overhead mounting.
3. **Insert Radio:** Carefully slide your single DIN marine radio into the housing. Ensure all necessary wiring connections are made.
4. **Cable Routing:** Utilize the provided rubber grommets to protect all cables passing through the housing, maintaining its waterproof integrity.
5. **Secure Housing:** Attach the housing unit to the mounting bracket using the included knobs. Adjust the angle as needed for optimal viewing and access.

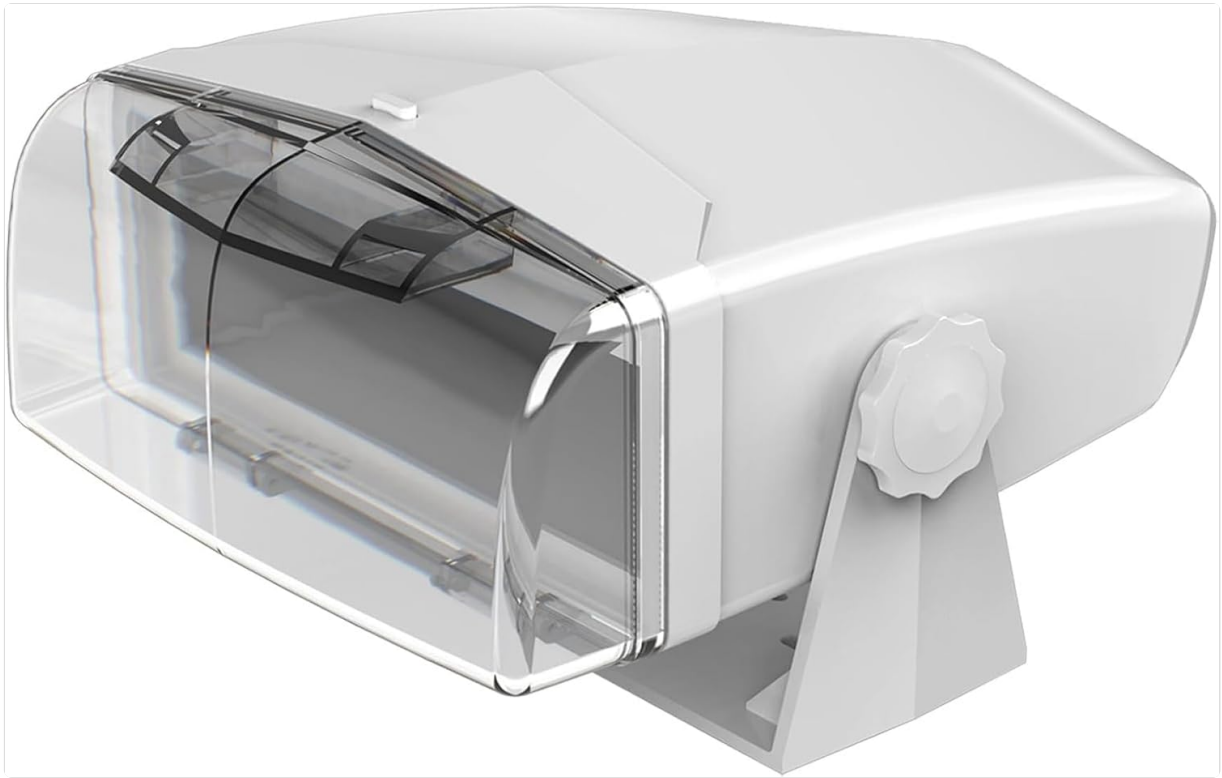


Image: The Dual Electronics MH200 housing unit, featuring its transparent front door and the adjustable gimbal mounting bracket. This view demonstrates the unit's overall design and how it would appear when mounted.



Image: A side profile of the MH200 housing, emphasizing the adjustable knob on the mounting bracket. This knob allows users to tilt and secure the housing at various angles for optimal viewing and accessibility.

5. OPERATING INSTRUCTIONS

The MH200 housing unit is designed for ease of use while providing maximum protection. The transparent fold-down door allows for clear visibility of your radio's display and controls.

- **Accessing Controls:** To access your marine radio's controls, gently press the release mechanism on the transparent front door. The door will fold down, providing full access.
- **Securing the Door:** After use, ensure the transparent door is securely closed and latched. The rubber seal around the door is critical for maintaining the unit's waterproof integrity.



Image: The MH200 housing with its transparent door closed, showcasing a marine radio's display through the protective cover. This illustrates the unit's ability to protect the radio while allowing full visibility.



Image: The MH200 housing with its transparent door in the open position, providing unobstructed access to the marine radio's controls. This demonstrates the ease of operation while maintaining protection.

6. MAINTENANCE

Regular maintenance will help ensure the longevity and effectiveness of your MH200 housing unit.

- **Cleaning:** Periodically clean the exterior of the housing and the transparent door with a soft, damp cloth. Avoid abrasive cleaners that could scratch the surface.
- **Seal Inspection:** Regularly inspect the rubber seal around the transparent door for any signs of wear, cracks, or damage. A compromised seal can affect the unit's waterproof capabilities.
- **Hardware Check:** Ensure all mounting hardware and screws are tight and secure. Vibrations from marine use can sometimes loosen fasteners.
- **Grommet Integrity:** Verify that the rubber grommets protecting the cables are properly seated and undamaged to prevent water ingress.

7. TROUBLESHOOTING

If you encounter issues with your MH200 housing unit, consider the following:

Problem	Possible Cause	Solution
Water inside housing	Compromised rubber seal or grommets; door not fully latched.	Inspect and replace damaged seals/grommets. Ensure door is securely closed.
Radio not fitting	Radio is not a standard single DIN size.	Verify your radio's dimensions against the housing's specifications.
Loose mounting	Mounting hardware has loosened over time.	Tighten all stainless steel mounting hardware and adjustable knobs.

8. SPECIFICATIONS

Specification	Detail
Item Weight	1.04 pounds
Product Dimensions	14 x 21 x 20 inches (overall packaging) / 9.84"L x 5.67"W x 11.5"H (unit)
Model Number	MH200
Brand	Dual Electronics
Color	Transparent (door) / White (housing)
Manufacturer	Dual

9. WARRANTY INFORMATION

The Dual Electronics MH200 Universal Gimbal Marine Radio Housing Unit comes with a **2-YEAR LIMITED WARRANTY** when registered online (proof of purchase required). This warranty covers against manufacturer defects in parts and labor. A 1-Year Warranty applies if the product is not registered online. Installation and removal costs are not covered under this warranty.

10. SUPPORT

For further assistance or inquiries regarding your Dual Electronics MH200 unit, please refer to the official Dual Electronics website or contact their customer service department. You may also visit the [Dual Electronics Store on Amazon](#) for additional product information.