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Humminbird 1102735

Humminbird HELIX 9 CHIRP MDI GPS G3N Fish Finder Instruction Manual

Model: HELIX 9 G3N (1102735)

1. INTRODUCTION AND OVERVIEW

The Humminbird HELIX 9 CHIRP MDI GPS G3N is an advanced fish finder designed to provide exceptional underwater clarity and navigation capabilities. This device integrates MEGA Down Imaging+ (DI+), Dual Spectrum CHIRP sonar, precise GPS, and an enhanced basemap to help anglers locate fish and structure with superior detail.

Key features include:

- **MEGA Down Imaging+ (DI+):** Provides crystal-clear views up to 200 feet below the boat with enhanced detail.
- **Dual Spectrum CHIRP Sonar:** Offers both Wide Mode for maximum coverage and Narrow Mode for maximum detail, identifying well-defined fish arches and structure.
- **SwitchFire Sonar:** Allows for easy adjustment of sonar detail, accounting for water conditions and enabling observation of lure presentations.
- **GPS and Humminbird Basemap:** Combines precise GPS location with a detailed basemap, including over 10,000 lakes and U.S. coastal coverage, for clear navigation and identification of points of interest.
- **AutoChart Live:** Enables creation of customized, richly detailed depth contour maps of fishing spots.
- **9-inch Full-Color TFT Display:** A 1024 x 600 resolution display with an intuitive keypad control interface.
- **Connectivity:** Features Bluetooth for on-screen notifications and high-speed Ethernet for building a networked fishing system with other compatible devices.

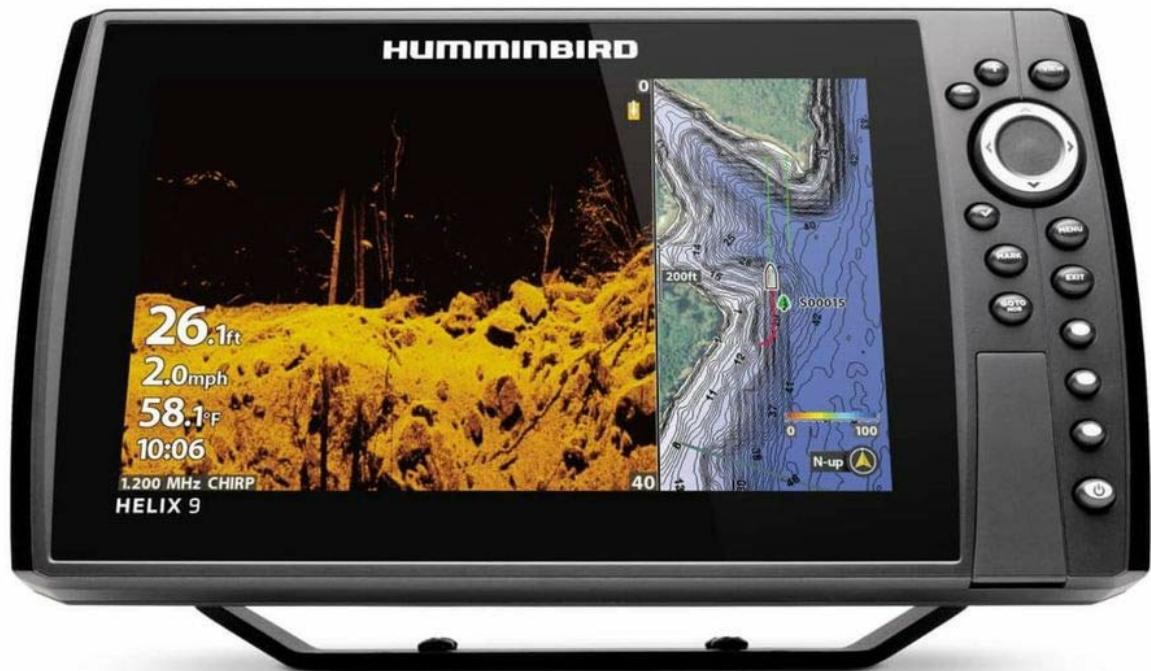


Figure 1: The Humminbird HELIX 9 CHIRP MDI GPS G3N unit, showcasing its 9-inch display and control keypad.

2. SETUP AND INSTALLATION

2.1 What's in the Box

Your HELIX 9 unit package includes the following components:

- HELIX 9 Control Head
- Transducer and Mounting Hardware
- Power Cable
- Gimbal Mounting Bracket
- Unit Cover

2.2 Mounting the Unit

The HELIX 9 unit can be installed using the included gimbal mounting bracket or integrated into your boat's dash

with an optional In-Dash Mounting Kit (sold separately).

1. **Gimbal Mounting:** Secure the gimbal mounting bracket to a stable, flat surface on your boat using appropriate fasteners. Attach the HELIX 9 control head to the bracket and adjust the viewing angle.
2. **Transducer Installation:** Install the transducer according to the instructions provided with the transducer. Ensure it is positioned for optimal sonar performance, free from obstructions and turbulence.
3. **Power Connection:** Connect the power cable to a 12V DC power source on your boat. Ensure proper polarity (red to positive, black to negative) and use an inline fuse as recommended by the manufacturer.
4. **Cable Routing:** Route all cables securely, avoiding sharp edges or areas where they might be pinched or damaged.



Figure 2: Side view of the HELIX 9 unit, illustrating its profile when mounted on the gimbal bracket.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Press and hold the **POWER** button to turn the unit on or off. A short press of the **POWER** button will bring up the system menu for quick adjustments.

3.2 Navigating Menus

Use the **JOYSTICK** and **MENU** buttons to navigate through the various screens and settings. The **EXIT** button returns to the previous screen or closes a menu.

3.3 Sonar Views

The HELIX 9 offers multiple sonar views:

- **MEGA Down Imaging+:** Provides photographic-like images of structure and fish directly below your boat.

- **Dual Spectrum CHIRP:** Displays traditional 2D sonar returns, ideal for identifying fish arches.



Figure 3: Display showing MEGA Down Imaging+ sonar, revealing detailed underwater structure and fish.



Figure 4: Display showing Dual Spectrum CHIRP sonar, with clear fish arches and bottom contours.

3.4 GPS and Chartplotter

Access the Chart view to utilize the built-in Humminbird Basemap. Use the joystick to pan across the map and zoom in/out. Create waypoints and routes for navigation. AutoChart Live allows you to map contours in real-time as you move.

3.5 Bluetooth Connectivity

Pair your smartphone via Bluetooth to receive on-screen notifications directly on your HELIX 9 display. Refer to the unit's settings menu for Bluetooth pairing instructions.

3.6 Ethernet Networking

The Ethernet port allows for connection to other compatible Humminbird units or accessories like Minn Kota i-Pilot Link, 360 Imaging, and CHIRP Radar (sold separately) to create an integrated fishing system.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your HELIX 9 unit.

- **Cleaning the Display:** Use a soft, damp cloth to clean the display. Avoid abrasive cleaners or solvents that could damage the screen.
- **Unit Cover:** Always use the provided unit cover when the device is not in use or during transport to protect it from dust, scratches, and UV exposure.
- **Connector Care:** Keep all electrical connectors clean and dry. Apply dielectric grease to connections if operating in harsh marine environments to prevent corrosion.
- **Storage:** When storing the unit for extended periods, disconnect it from power and store it in a cool, dry place.

5. TROUBLESHOOTING

If you encounter issues with your HELIX 9 unit, consider the following basic troubleshooting steps:

- **No Power:** Check all power cable connections, the inline fuse, and the boat's battery. Ensure the power cable is securely plugged into the unit.
- **No Sonar Reading:** Verify the transducer is properly connected to the unit and submerged in water. Check for any obstructions near the transducer.
- **GPS Not Acquiring Signal:** Ensure the unit has a clear view of the sky. Move to an open area if operating under cover.
- **Display Issues:** If the screen is frozen or unresponsive, try restarting the unit. If issues persist, perform a factory reset (refer to the on-screen menu for this option).
- **Software Updates:** Ensure your unit is running the latest software version. Visit the Humminbird website for available updates and instructions.

For more detailed troubleshooting or persistent issues, please refer to the comprehensive user manual available on the Humminbird website or contact Humminbird customer support.

6. SPECIFICATIONS

Specification	Detail
Brand	Humminbird
Model Name	Helix 9 G3N

Item Model Number	1102735
Screen Size	9 Inches
Display Type	LCD, Full-Color TFT
Display Resolution	1024 x 600
Sonar Type	MEGA Down Imaging+, Dual Spectrum CHIRP
GPS	Built-in GPS with Humminbird Basemap
Connectivity	Bluetooth, Ethernet
Product Dimensions (WxHxD)	12 x 7 x 4.13 inches (gimbal mounting)
Item Weight	10.1 Pounds
UPC	082324052958
Manufacturer	Johnson Outdoors

7. WARRANTY AND SUPPORT

Humminbird products are designed for reliability and performance. For specific warranty information regarding your HELIX 9 G3N unit, please refer to the warranty card included with your product or visit the official Humminbird website.

For technical support, service, or to access additional resources such as detailed manuals, software updates, and FAQs, please visit the Humminbird support section on their official website:

www.humminbird.com/support

When contacting support, please have your product model number (1102735) and serial number ready.

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