

HT ST-1-DP

# T-H Steering Wheel Trim Control Coiled Cord User Manual

Model: ST-1-DP

## PRODUCT OVERVIEW

The T-H Steering Wheel Trim Control Coiled Cord is designed to provide convenient engine trim control directly from your steering wheel. This unit features durable, weather-proof push-button switches and a robust coiled cord, ensuring reliable operation in marine environments. It is molded from black plastic with clearly visible white lettering for ease of use.



Image: T-H Steering Wheel Trim Control Coiled Cord. This image displays the black coiled cord with the trim control unit, featuring "UP" and "DOWN" buttons, designed to attach to a steering wheel.

## SETUP AND INSTALLATION

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This trim control unit is designed for easy installation onto steering wheel spokes. Follow these general steps for proper setup:

1. **Preparation:** Ensure the boat's power is off before beginning installation to prevent accidental engine operation or electrical shorts. Identify a suitable location on the steering wheel spokes that allows for comfortable access to the trim buttons without obstructing steering.
2. **Mounting:** The unit is designed to securely attach to the steering wheel spokes. Use the integrated mounting mechanism to fasten the control unit firmly. Ensure it does not interfere with the rotation of the steering wheel or other controls.
3. **Wiring Connection:** Connect the coiled cord's wires to your boat's engine trim system. Refer to your engine's specific wiring diagram for correct connections. Typically, this involves connecting wires for "trim up," "trim down," and a common ground. Ensure all connections are secure and properly insulated to prevent corrosion and electrical issues.
4. **Testing:** After installation, carefully test the trim control unit. Turn on the boat's power and, with the engine in neutral, press the "UP" and "DOWN" buttons to verify that the engine trim responds correctly. Observe the trim movement to ensure it operates smoothly and without hesitation.

*Note: If you are unsure about any part of the installation process, it is recommended to consult a qualified marine technician.*

## OPERATING INSTRUCTIONS

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The T-H Steering Wheel Trim Control provides intuitive operation for adjusting your engine's trim:

- **Trim Up:** Press and hold the button labeled "UP" to raise the engine's trim. This typically lifts the propeller closer to the water surface, which can increase speed and reduce drag in certain conditions.
- **Trim Down:** Press and hold the button labeled "DOWN" to lower the engine's trim. This typically pushes the propeller deeper into the water, which can improve stability and handling, especially in rough water or when accelerating.
- **Optimal Trim:** Adjust the trim incrementally to find the optimal position for current water conditions, load, and speed. Proper trim adjustment can significantly impact boat performance, fuel efficiency, and ride comfort.

Always operate the trim control responsibly and be aware of your surroundings. Avoid extreme trim angles at high speeds, as this can affect boat stability.

## MAINTENANCE

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To ensure the longevity and reliable performance of your T-H Steering Wheel Trim Control, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically wipe down the control unit and coiled cord with a damp cloth to remove salt residue, dirt, and grime. Avoid using harsh chemicals or abrasive cleaners.
- **Inspect Wiring:** Regularly inspect the coiled cord and all wiring connections for any signs of wear, fraying, or corrosion. Ensure all connections remain tight and properly insulated.
- **Button Functionality:** Test the "UP" and "DOWN" buttons periodically to ensure they operate smoothly and provide a positive tactile response. If buttons feel sticky or unresponsive, clean around them carefully.
- **Storage:** If the boat is stored for an extended period, especially in harsh conditions, consider covering the control unit to protect it from prolonged exposure to UV rays and extreme weather.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Trim control unresponsive.	No power to the unit; loose or corroded wiring connections; faulty switch.	Check boat's power supply and fuses. Inspect all wiring connections for tightness and corrosion; clean if necessary. If wiring is intact, the switch unit may need replacement.
Trim moves in wrong direction.	Incorrect wiring during installation.	Verify wiring against the engine's trim system diagram. Correct any miswired connections.
Buttons are sticky or hard to press.	Dirt or debris accumulated around buttons.	Clean the area around the buttons with a damp cloth. Avoid forcing the buttons.
Coiled cord appears damaged.	Physical wear and tear; exposure to harsh elements.	Inspect for cuts or severe kinks. If insulation is compromised, the unit should be replaced to prevent electrical hazards.

For issues not listed here or if troubleshooting steps do not resolve the problem, contact customer support or a certified marine technician.

## SPECIFICATIONS

- Model:** ST-1-DP
- Brand:** HT (T-H Marine)
- Material:** Black Plastic
- Color:** Black
- Fit Type:** Universal Fit
- Item Weight:** 6.4 ounces
- Product Dimensions:** 8.5 x 18.5 x 6.5 inches (approximate packaging dimensions)
- UPC:** 733572001105

## WARRANTY AND SUPPORT

For information regarding warranty coverage, product returns, or technical support, please refer to the official HT (T-H Marine) website or contact their customer service department directly. Keep your purchase receipt and model number (ST-1-DP) available when contacting support.

**Manufacturer:** T-H MARINE SUPPLIES LLC-HUNTSVILLE

**Contact Information:** Please visit the manufacturer's official website for the most current contact details and support resources.



