

## Haswing 50736-120W

# Haswing GPS 50736-120W Trolling Motor User Manual

Comprehensive instructions for your Haswing GPS 50736-120W Trolling Motor with Navigation System, Anchor Position, Cruise Control, Variable Speed, and Wireless Remote.

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your Haswing GPS 50736-120W Trolling Motor. Please read all instructions carefully before use to ensure proper setup, functionality, and longevity of your product.

The Haswing GPS Trolling Motor is designed for both freshwater and saltwater use, offering advanced navigation features and precise control for an enhanced boating experience.

## 2. SETUP AND INSTALLATION

### 2.1 Mounting the Trolling Motor

The Haswing GPS Trolling Motor is a bow-mount unit. Ensure your boat's bow has a suitable, reinforced area for installation. Use appropriate marine-grade fasteners (not included) to secure the mounting bracket firmly to the boat's deck. The motor should be positioned to allow for full deployment and retraction without obstruction.

### 2.2 Power Connection

Connect the motor to a 12V deep cycle battery (1 x 105AH recommended). Ensure all connections are secure and properly insulated to prevent short circuits. Observe correct polarity: red to positive (+), black to negative (-).

### 2.3 Deploying and Retracting the Motor

To deploy the motor, release the locking mechanism and gently lower the motor into the water. To retract, lift the motor until it locks securely in the stowed position. The shaft length is 48 inches, providing ample

depth adjustment.

**50736**  
12V-55Lbs

**CAYMAN B with GPS**  
MODEL

REMOTE CONTROL GPS SERIES

**SPECIFICATIONS**

**MODEL:**  
**50736**

**Power of thrust:**  
55Lbs

**Max Voltage:**  
DC 12V

**Power - Max:**  
600W

**Amp - Max:**  
50A

**Depth Adjustment:**  
Depth Collar

**Prop Type:**  
3-blade prop / 9.3 inch diam

**Prop Speed at Full Power:**  
Max. 1250 rpm underwater

**Battery Type Required:**  
1 x 105AH deep cycle

**Steering:**  
360 degree control

**Decibel Level (db):**  
≤ 50db

**Weight (N.W.):**  
13.9kg

**Shaft Type:**  
Cast Aluminum (1200mm / 1370mm)  
Stainless Steel (1520mm / 1830mm)

**Shaft Length:**  
1200mm / 1370mm / 1520mm / 1830mm

**Colour:**  
Black

**Max Boat Length (Suggestion):**  
5.5m

One-Way Stepless Speed

The **HELMSMAN** Available Now !  
APP

  
Both IOS & Andriod

  
Route Recording

**Included !** **50806**

  
2.4 GHz

Wireless Remote Controller

**Optional !** **50805**



Wireless Foot Controller

**DD Brush Motor**



Depth Collar

Shaft Length	Effective Depth
1200mm	1000mm
1370mm	1270mm
1520mm	1320mm
1830mm	1630mm

Replaceable Fin

Figure 2.3.1: Overview of the Haswing Cayman B with GPS Trolling Motor, highlighting key specifications and included accessories like the wireless remote control and optional wireless foot controller.



*Figure 2.3.2: The depth adjustment collar allows users to set the desired motor depth in the water.*

## 3. OPERATING INSTRUCTIONS

---

### 3.1 Powering On/Off

Ensure the motor is properly connected to the battery. Use the wireless remote control or the Helmsman APP to power the motor on or off.

### 3.2 Speed Control

The motor features variable speed control. Adjust the speed using the wireless remote's Speed Up/Down buttons or through the Helmsman APP. The maximum power is 660W with a maximum current of 55A.

### 3.3 Steering

Steering is controlled via the wireless remote or the Helmsman APP, offering 360-degree control. The motor is designed to run quietly, with a decibel level of approximately 50db.



Figure 3.3.1: The 3-blade propeller, with a 9.3-inch diameter, provides efficient thrust for propulsion.

## 4. GPS SMART NAVIGATION SYSTEM

The Haswing GPS Trolling Motor integrates a smart navigation system with several key features:

- **Record Routes:** Create, modify, or delete fishing spots and routes using the Helmsman APP.
- **GPS Navigation:** Utilize the high-sensitivity GPS for precise positioning and navigation.
- **Anchor Position:** Electronically hold your boat in a specific fishing spot. If the boat drifts more than 6 feet, the motor automatically adjusts to return to the anchor point. Unlimited anchor points can be saved.
- **Cruise Control:** Maintain a constant speed and follow a set course, even with wind and current adjustments.




## 5. SMARTPHONE OPERATING SYSTEM (HELMSMAN APP)

Download the free Helmsman APP to operate all functions of your trolling motor from your smartphone. The app provides a user-friendly interface with a live map for route management and control.

- **Route Record:** More convenient and accurate to create, modify, or delete unique fishing spots & routes from your live map using your touchscreen smart device. The Helmsman routes feature will keep your boat on course so that you can focus on fishing.
- **Auto-Nave:** The Helmsman will keep the boat following along the shoreline or other structures and maintain a constant speed. It even makes precise adjustments for wind and current.
- **Save & Share:** With the Helmsman, you can save unlimited fishing spots & routes on smart devices. Any of your saved information can easily be shared with your friends on the Helmsman App or Facebook.

Haswing Remote



SMART PHONE OPERATING SYSTEM

Download the Helmsman  
APP to operate all functions  
with your smart phone.

Figure 5.1: The Helmsman APP allows full control and management of the trolling motor's features.



*Also available for  
other devices*

Figure 5.2: The Helmsman APP is available for download on both iOS and Android devices.

## **Helmsman APP**



*Available on  
App Store/Google Play*



Figure 5.3: The Helmsman APP provides a detailed interface for route recording and advanced functions.



## My Routes



tap to enter

In My Routes interface, tap “New Route” button to create a new route on the map directly. By pressing in map, you can add new waypoints.

You can also edit the exist waypoints by pressing it and dragging to the new location.



save the new route into My Route list



upload the route to boat control and it will begin to navigate automatically

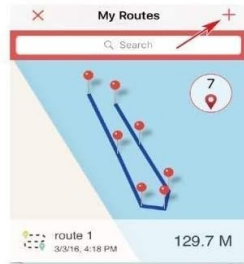


reverse the route for return used.




delete the selected waypoint.

For more information, please read the online instruction in APP setting.



## Advanced Functions

Tap , 4 advanced functions will appear:



Record Route



Navigation



Cruise Control



Anchor

NOTICE:

All the advanced functions can be used only in case of the GPS is connected. The accuracy of advanced functions are related to the intensity of the GPS signal.

### Record Route



tap to start



tap to finish

You can record the manual-driven routes so you can re-use them on your next trip.

when Record Route is activated, the motor will begin to record the manual-driven route automatically.


If record route function is interrupted, please tap  then drag and release the list to download route from motor.



Figure 5.4: Advanced functions of the Helmsman APP, including route management and navigation controls.

## 6. WIRELESS REMOTE CONTROL

The trolling motor comes with a hand-held wireless remote control, allowing you to operate all basic functions from anywhere on the boat. This remote remains functional even if your smart device runs out of power.

- **Functions:** On/Off, Speed Up/Down, Full Speed, Turn Left/Right, Pairing.
- **Charging:** The remote can be charged with a USB charger (500AH recommended).

### 6.1 Pairing the Wireless Remote

To pair the wireless remote with the motor:

1. Ensure the motor shaft is vertical and the battery is connected.
2. Press and hold the 'Turtle' (speed down) button on the remote and the 'magnifying glass' (pairing) button on the motor simultaneously for 5 seconds.
3. You will hear three beeps, indicating a successful connection. Release both buttons.

Your browser does not support the video tag.

Video 6.1.1: Instructions for pairing the 2.4G wireless remote control to the Haswing trolling motor.

### 6.2 Optional Wireless Foot Control

An optional wireless foot control (Model 50805) may be available for hands-free operation. Refer to the foot control's specific instructions for pairing and use.

Your browser does not support the video tag.

Video 6.2.1: Instructions for pairing an optional 2.4G wireless foot control to the motor.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your trolling motor.

- **After Each Use:** Rinse the motor thoroughly with fresh water, especially after saltwater use, to prevent corrosion.
- **Propeller Inspection:** Regularly check the propeller for fishing line, weeds, or damage. Remove any obstructions and replace damaged propellers promptly.
- **Battery Care:** Keep the battery charged and ensure terminals are clean and free of corrosion.
- **Cable Inspection:** Check all electrical cables for wear, cuts, or loose connections.

## 8. TROUBLESHOOTING

If you encounter issues with your Haswing GPS Trolling Motor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Motor does not turn on	Low battery, loose connection, remote not paired.	Check battery charge, secure all connections, re-pair remote.
Motor runs intermittently	Loose battery connection, propeller obstructed.	Check battery connections, clear propeller.
GPS features not working	Weak GPS signal, app not connected.	Ensure clear view of sky, check app connection and GPS signal strength.
Remote not responding	Remote battery low, remote out of range, interference.	Charge remote, move closer to motor, check for interference.

### 8.1 Emergency Protection

The Safety-Buckle in the ultra-rugged charging cable allows for immediate motor shutdown by unplugging it, preventing damage in case of an emergency.

## 9. SPECIFICATIONS

Feature	Specification
---------	---------------



Feature	Specification
Model	50736-120W
Power of Thrust	55 lbs
Max Voltage	DC 12V
Power-Max	660W
Amp-Max	55A
Depth Adjustment	Depth Collar
Propeller Type	3-blade prop / 9.3 inch diameter
Propeller Speed at Full Power	Max. 1250 rpm underwater
Battery Type Required	1 x 105AH Deep Cycle
Steering	360 degree control
Decibel Level (db)	50db
Shaft Type	Cast Aluminum
Shaft Length	48 inch
Max Boat Length (Suggestion)	18.05 ft (5.5m)
Item Weight	30.65 Pounds
Material	Aluminum
Color	White
Mounting Type	Bow Mount
Recommended Uses	For Fishing Boats, For Salt Water

## 10. WARRANTY AND SUPPORT

Your Haswing GPS Trolling Motor comes with a **Two Years Warranty**. For warranty claims, technical support, or any product-related inquiries, please contact Haswing customer service. Refer to your purchase documentation for specific contact details.