

## Haswing 50700

# Haswing Cayman Trolling Motor User Manual

Model: 50700

Brand: Haswing

## 1. INTRODUCTION

Welcome to the user manual for your new Haswing Cayman 12V 55lbs 48 inch Bow Mount Electric Trolling Motor. This manual provides essential information for the safe and efficient operation, setup, maintenance, and troubleshooting of your trolling motor. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1: Haswing Cayman Trolling Motor and Accessories.

## 2. PRODUCT OVERVIEW

The Haswing Cayman Trolling Motor is designed for both freshwater and saltwater use, offering quiet, variable speed operation with convenient control options. Its robust construction ensures durability and reliable performance for bass fishing and other boating activities.

### Key Features:

- **Quiet Operation:** Engineered to run quietly, minimizing disturbance to fish.
- **Variable Speed Control:** Allows for precise and smooth speed adjustments, enhancing control and battery life.
- **Wireless Remote Control:** A 2.4G wireless remote provides convenient control from up to 164 feet away, rechargeable via USB.
- **Foot Control:** Offers an alternative hands-free control option.
- **Quick Release Bracket:** Facilitates easy installation and removal of the motor.
- **Corrosion Resistance:** Designed for use in both fresh and saltwater with a sacrificial anode to protect metal components.
- **Ergonomic Handle:** Provides comfortable carrying and handling.
- **Adjustable Shaft Length:** The 48-inch aluminum shaft can be adjusted for various boat types and water depths.

## Components:

- Trolling Motor Unit (with 48-inch shaft and 3-blade prop)
- 2.4G Wireless Remote Control
- Foot Control Pedal
- Quick Release Mounting Bracket
- Power Cables

## 3. SETUP

---

### 3.1 Mounting the Trolling Motor

The Haswing Cayman is a bow mount trolling motor. Ensure your boat's bow has a suitable flat surface for mounting the quick release bracket.

1. Position the quick release bracket on the bow, ensuring it is centered and provides adequate clearance for the motor to deploy and stow.
2. Mark the drilling points through the bracket's holes.
3. Drill appropriate holes and secure the bracket using marine-grade fasteners (not included).
4. Attach the trolling motor to the quick release bracket. The quick release mechanism allows for easy attachment and detachment.

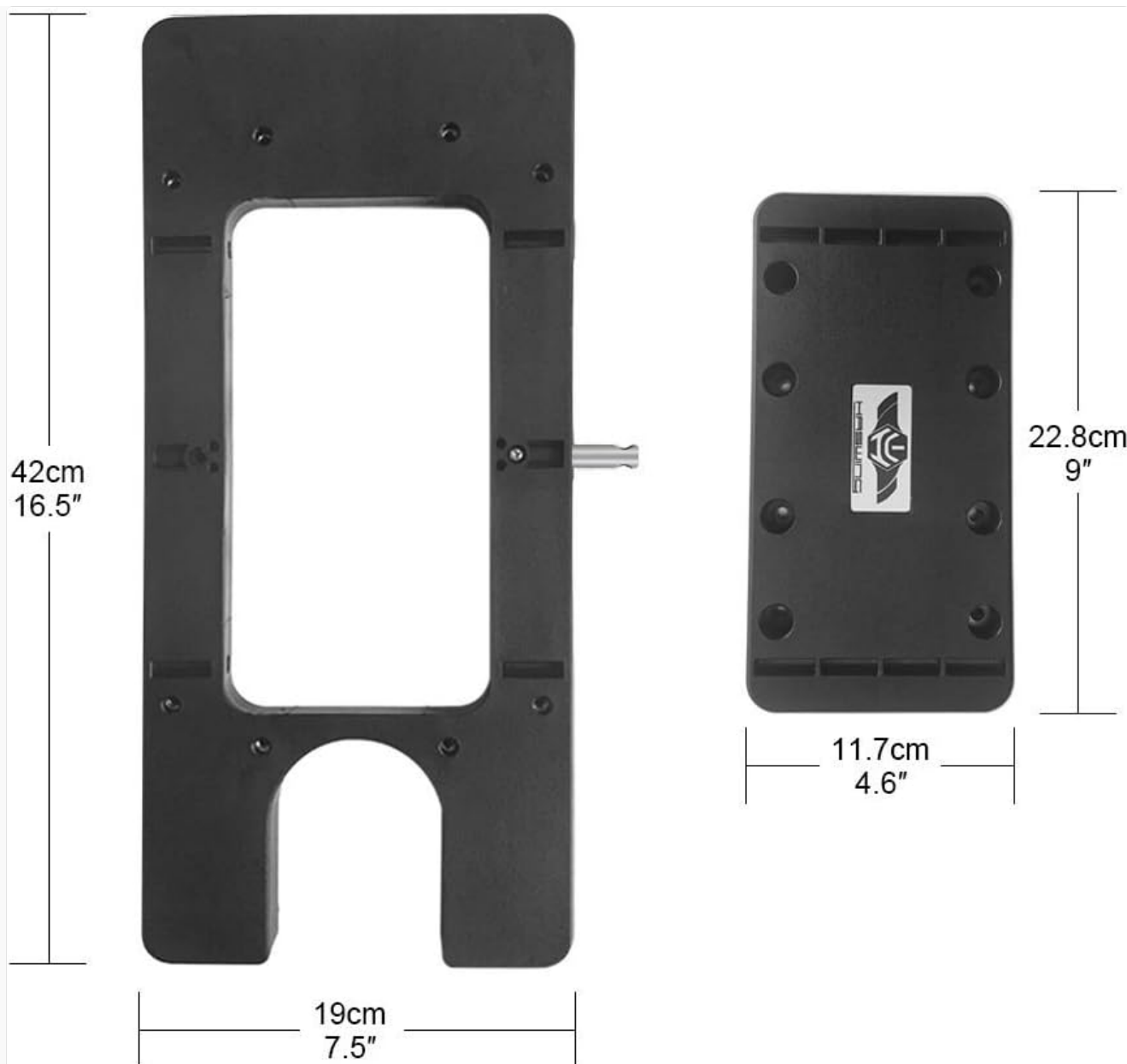


Figure 2: Quick Release Bracket Dimensions (approx. 16.5" x 7.5" for main plate, 9" x 4.6" for motor plate).

### 3.2 Battery Connection

The motor operates on DC 12V. A 1 x 105AH deep cycle battery is suggested for optimal performance (battery not included).

- Connect the motor's power cables directly to your 12V deep cycle battery. Ensure correct polarity (red to positive, black to negative).
- Secure all connections to prevent loose contacts and ensure safety.

### 3.3 Shaft Length Adjustment

The 48-inch aluminum shaft allows for depth adjustment to suit different water conditions and boat types. Always hold the motor shaft firmly before adjusting its depth to prevent it from sliding unexpectedly.

# Shaft Length

48 inch aluminum alloy shaft suitable for different types of boat



Figure 3: Shaft Length Diagram. The shaft length is approximately 48 inches (122 cm), with an available shaft length of approximately 38.4 inches (97.5 cm) for submersion.

To adjust the depth, loosen the depth collar, slide the shaft to the desired depth, and then securely tighten the collar to lock the motor in place.

## 4. OPERATING INSTRUCTIONS

### 4.1 Stow and Deploy

The motor features a stow and deploy pedal for quick and effortless transition between in-water and on-boat positions. Depress the pedal with a single hand or foot to raise or lower the motor.

# Stow and Deploy Effortlessly

Lets you get your motor in and out of the water  
quicker and easier.



Figure 4: Stow and Deploy Operation. The motor can be easily moved in and out of the water.

## 4.2 Wireless Remote Control

The 2.4G wireless remote control allows for convenient operation from up to 164 feet (50 meters) away. It fits comfortably in your hand or can be worn around your neck with a lanyard.



# Wireless remote control

Allow you to wirelessly control the motor within  
164 feet distance



Figure 5: Wireless Remote Control in Use. Control the motor wirelessly from a distance.

The remote is USB rechargeable. Ensure it is charged before use. Use the buttons on the remote to control speed (variable speed for precise adjustments) and direction.

## 4.3 Foot Control

The foot control pedal provides hands-free operation, allowing you to focus on fishing. It includes controls for power, speed, and steering.



Figure 6: Foot Control Diagram. Features include Control Display, Speed Up/Down, Turn Left/Right, Power On/Off, and Spinning Footrest.

#### 4.4 Steering and Cruise Control

The motor offers 360-degree electric control for precise steering. You can also turn the motor 180 degrees for reverse thrust.



# Variable speed

Precisely dial in your desired speed as you need for fishing



Figure 7: Variable Speed and Steering. Precisely dial in your desired speed and control direction.

**Cruise Control:** This feature maintains your desired speed. While it keeps the boat moving at a set speed, manual direction correction may be needed due to wind or current. This is NOT a Spot Lock feature.

## 5. MAINTENANCE

### 5.1 Corrosion Protection

Your Haswing Cayman motor is designed with excellent corrosion resistance, featuring fully-encapsulated electronics and a sacrificial anode to protect against rusting and damage, especially in saltwater environments.

# Corrosion Protection

With fully-encapsulated electronics and sacrificial anode to protect motor against rusting and damage

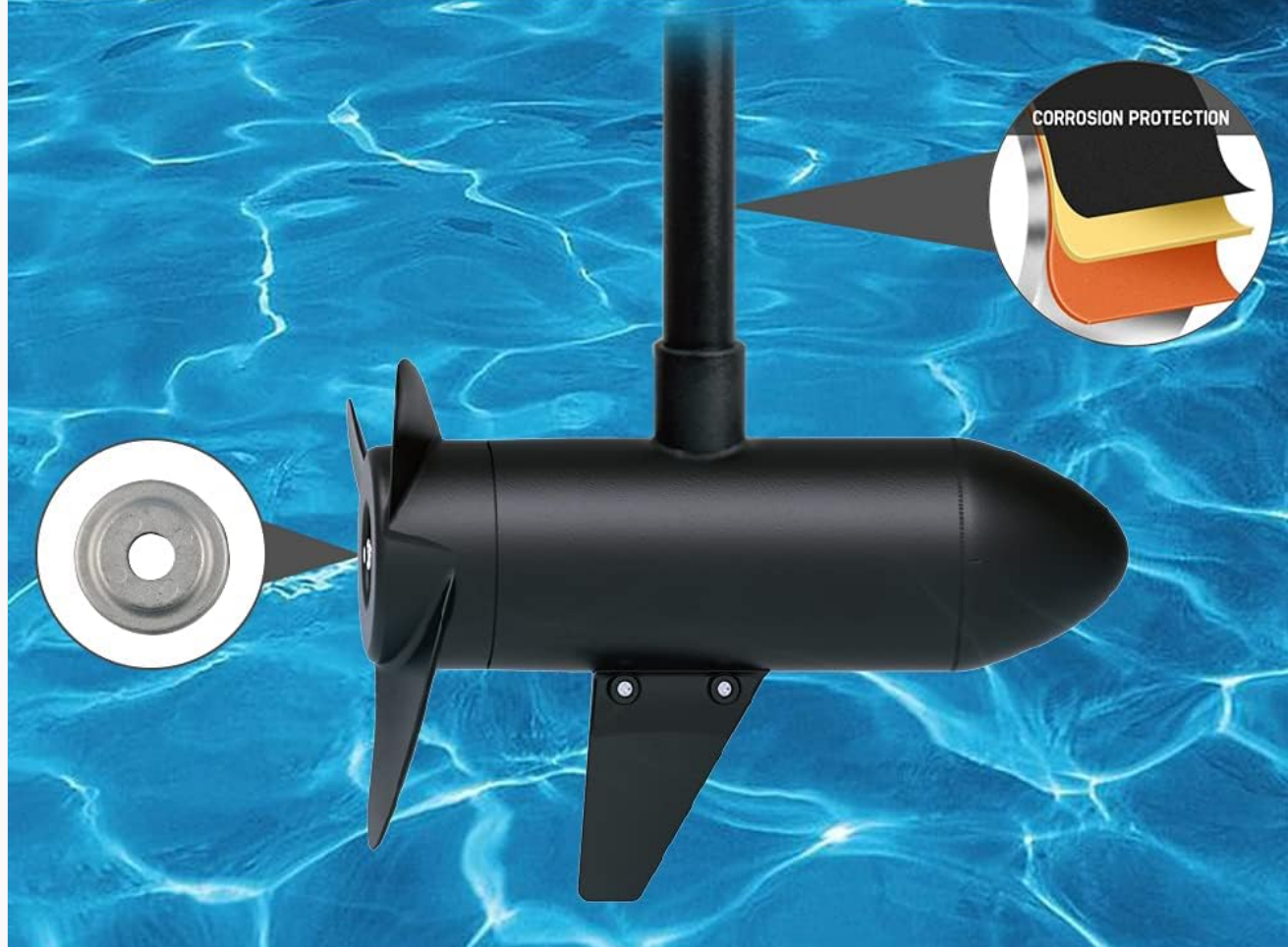


Figure 8: Corrosion Protection. Features fully-encapsulated electronics and a sacrificial anode.

Regularly inspect the sacrificial anode and replace it if significantly corroded to ensure continued protection of the motor's metal components.

## 5.2 General Care and Cleaning

- After each use, especially in saltwater, rinse the motor thoroughly with fresh water to remove salt and debris.
- Wipe down the motor and shaft with a clean cloth.
- Check for any visible damage to the propeller, shaft, or cables.
- Store the motor in a dry, protected area when not in use.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Haswing Cayman Trolling Motor.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Motor not turning on/no power.	Loose battery connections, discharged battery, blown fuse.	Check and tighten battery connections. Recharge battery. Inspect and replace fuse if necessary.
Motor runs intermittently or with reduced power.	Low battery charge, propeller fouled with weeds/debris, damaged propeller.	Recharge battery. Clear any obstructions from the propeller. Inspect propeller for damage and replace if needed.
Wireless remote not responding.	Remote battery low/dead, remote out of range, interference.	Recharge the remote control. Move closer to the motor. Reduce potential sources of interference.
Motor is noisy.	Propeller imbalance, debris in motor housing, worn bearings.	Check propeller for damage or imbalance. Inspect for debris. If noise persists, contact customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Haswing
Model	Cayman 55lbs
Model Number	50700
Voltage (Rate/Max)	DC 12V
Peak Thrust	55 LBS
Power (Rated/Max)	650W
Amp (Rated/Max)	45A
Decibel Level	≤50 Db
Shaft Type	Aluminum
Shaft Length	≈48 inch
Control Type	2.4G Remote control, Foot Control
Prop Type/Size	3 Blade Prop / 9 inch dia.
Depth Adjustment	Depth collar
Steering	360 degree electric control
Suggested Battery Type	1 x 105AH deep cycle battery (not included)
Max Boat Length (suggestion)	18ft

Feature	Detail
Item Weight	44.9 pounds
UPC	605621357757

## 8. WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please contact Haswing customer service directly. Refer to the product packaging or the official Haswing website for the most up-to-date contact details.

**Manufacturer:** AQUOS