

**LIGHTNING™**  
BY HUMPHREE

TRIM AND STABILIZATION SYSTEMS



**MORE DAYS AT SEA**

ENGINEERED FOR ULTIMATE BALANCE AND PERFORMANCE.

# MORE DAYS AT SEA

From effortless cruising to superior onboard comfort, Humphree is your choice for performance, innovation and quality. Because you'll feel the difference.



## THE BEAST OF ULTIMATE BOAT PERFORMANCE IS UNLEASHED.

Lightning is a fully automatic, next-generation trim and stabilization system engineered for boats between 20 and 45 feet.

Enjoy a smoother ride, tighter turns and better fuel economy. Lightning transforms your vessel into a high-performance beast. It's smart. It's fast. It's the future of boating. Roar.

HUMPHREE



# THE BENEFITS OF LIGHTNING

Lightning brings luxury-level performance to 20-45ft boats. Built for ease of use, speed and reliability, it fits outboards, inboards, stern drives and electric propulsion systems alike.



## **AUTOMATIC TRIM & BALANCE**

Hands-free trim and list correction in real time.



## **BETTER SPEED & ACCELERATION**

Faster planing and performance you can feel.



## **REDUCED ROLL & MOTION SICKNESS**

Advanced stabilization means comfort for all.



## **FUEL EFFICIENCY & LONGER RANGE**

Trim optimization reduces drag and burn. Go further!



## **TURN LIKE A PRO**

Sharper and balanced turns, with a true natural feeling. Tune your turns to be more sporty or comfy.



# NOT YOUR ORDINARY TRIM TAB

Lightning works tirelessly, so you don't have to.



## AUTO TRIM

Optimal speed and handling. Smoother ride, less fuel consumption, total control.



## AUTO LIST

For perfect balance. Automatically steady in wind and shifting loads.



## COORDINATED TURN

For smooth, stable maneuvers. Reduces leaning for sharper, more comfortable turns.



## PITCH CONTROL

For a smoother ride. Reduces slamming and bow rise at any speed.



## ROLL CONTROL

Reduced motion and fatigue. Keeps your boat stable, even in rough seas.

## FUNCTION PACKAGES

Choose the level of automation that suits your needs. Try before you buy. Upgrade any time.

## CRUISE

Automatically compensating for every condition on the boat, like trim, wind, uneven load and turns in all speeds.



Auto trim



Auto list



Coordinated turn



Underwater lights

## ULTIMATE

The full Humphree experience with active stabilization, intelligence and adaptive functions such as Smart Pitch. Enables more natural turning experience in and out of turns thanks to Driver intention and True turn. Feel it and believe it.



Everything in CRUISE



Driver intention recognition



True turn compensation



Pitch control



Roll control

EXPLORE MORE ABOUT  
FUNCTIONS & PACKAGES



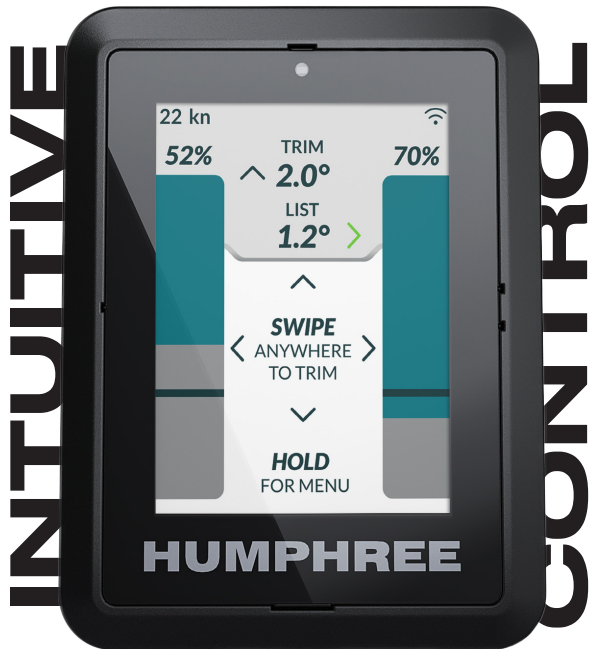
# MARKET LEADING



Maximum lift - 0,6s deployment - All the speed you need to get full control. Our lift ensures all functions work together - no compromises or trade-offs.

# TRY BEFORE YOU BUY

Prefer to feel it to believe it? Try all we got in the comfort of your own boat - thanks to Function Trials! Get 30 days of Ultimate for free, and then make up your mind of what function package to buy



Lightning features the world's only swipe-to-trim touch interface. Control everything with eyes-free gestures, or let the system do it for you.

# INTEGRATIONS



Lightning integrates seamlessly with Garmin, Simrad, and Raymarine displays, offering a clean, intuitive interface. More brands on the way!

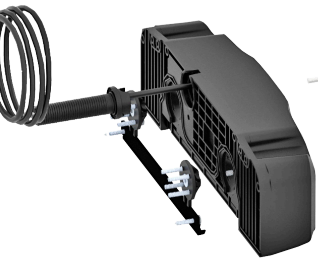
# TRULY DIGITAL

Connect it to the Wi-Fi and let the system take care of the rest - Over the air updates, function trials, upgrade packages, preset settings for your boat model, and of course our world-class remote support if needed.

# EASY INSTALLS

Let's get it on!

- Mark and drill holes for the mounting bracket and cable fitting
- Fasten the mounting bracket and thru hull cable fitting to hull
- Fasten the interceptor to the mounting bracket
- Voila! No glue, no wait.



## SMART MOUNTING BRACKET

## SIZE GUIDE

Bigger is always better, and too small interceptors will not be able to give you that ultimate experience. That's why we kept the size price difference to a minimal.

Interceptors should be mounted as far out on the transom as possible for maximal auto list and roll stabilization performance.



## MIND THE CHINE

We have adaptable chine versions. They don't cost more than their non-chine sizes.

+45FT

40-45FT

35-40FT

30-35FT

20-30FT

Is your boat heavy?  
Semi-planing?

Is your boat heavy?  
Semi-planing?

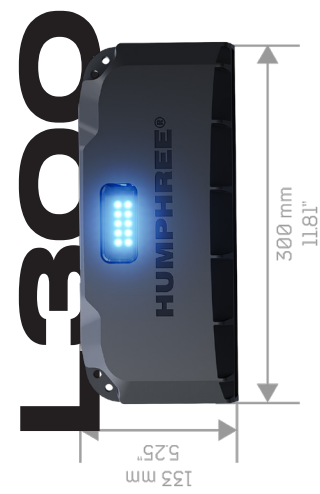
Yes

No

Yes

No

Consider X series with  
Humphree representative



# PERFORMANCE

Professional marine operations depends on efficiency, stability, and total control. Humphree's advanced trim and stabilization systems provide superior maneuverability, fuel efficiency, and crew endurance.

See detailed reports here →



## AQUADOR 400HT

Great trim and list performance - Turns are faster, tighter and more comfortable.



SHARPER TURNS

**9,5 %**



TRIM REDUCTION

**1.25°**



## BAR CRUSHER 615C

Great stabilization, outstanding trim and list control throughout entire acceleration and speed range. Boat behaved naturally together with the system.



ROLL CONTROL

**58 %**



PITCH CONTROL

**51 %**



## TARGA 31

20% trim reduction, 7% lower heel during turns, 50% pitch reduction, we could go all day. The system delivers a whole new experience.



ROLL REDUCTION

**59 %**



SHARPER TURNS

**13 %**

## AWARD-WINNING TECHNOLOGY

Trusted by top boatbuilders like Sunseeker, Azimut, and Damen, Humphree is a multi-time winner of "Best Active Stabilization System" and recognized for excellence across luxury, commercial, and military markets.

## BUILT TO LAST

Constructed from aerospace-grade aluminum marine and tested materials and corrosion-resistant composites, every Humphree unit is CNC-machined, Bureau Veritas-approved. Designed and made in Sweden - Trusted globally.

## REMOTE SUPPORT

All our systems supports remote access, a helping hand is available. We can diagnose problems, do remote sea trials and configure systems worldwide.

## INTEGRATIONS READY

We integrate with most waterjets for steering, steering systems for coordinated turn, MFD manufacturer for clean installations or with specific partner requests.

## GLOBAL NETWORK

You are backed by our global 45+ dealer network, ensuring local professionalism and support



## READY TO UPGRADE YOUR VESSEL'S PERFORMANCE, COMFORT, AND CONTROL?



[HUMPHREE.COM](https://www.humphree.com)



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