

MAX

BROCHURE

Version 1.0



SHARE YOUR STORY. *SAIL WITH US*

SAILMON 

BRANDSTORY

In addition to wind and water, Sailmon is a new element that makes sailing more fun and challenging. For everybody. From our founder and three-time Olympic sailor Kalle Coster to beginning sailors. From adventurers, racers and explorers to recreational sailors.

We use our technology to revolutionize sailing, making it even more challenging. We develop hardware and software, but we are most proud of creating a new sailing experience, new ways to push the limits. We believe that capturing and sharing your performance makes you a better sailor. Nobody gets inspired by untold stories. No one gets challenged by unrecorded performances.

If you love sailing as much as we do, you use everything to maximize the experience. So feel the wind, get on the water and sail with us.

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1. FEATURES

IMPROVE FROM PRE-START TO DEBRIEF

Sailmon MAX is the number one training and racing instrument for sailors, riders and foilers. Improve your performance on the water with live data and make your debrief more fun and challenging with the Sailmon App.

START BETTER

There is no excuse ever to be early or late again. The advanced start functionality – based on a stunning 30 cm accuracy – will help you hit the line at the right time.

SAIL FASTER

Speed is key. Keep an eye on your MAX and understand what makes you go faster or slower. Adjust your performance with the best GPS data in the market available.

SAIL HIGHER

Making the right decision on the water has never been that easy. Our header lift indicator will ensure you sail on lifts and tack on headers.

ANALYSE

It doesn't stop onshore. Connect your MAX to the Sailmon App and make your debrief more fun and challenging. Log your trips to analyze, improve, rank and much more!

START BETTER

ARE YOU TOO EARLY OR TOO LATE?

Consistently trying to achieve the perfect start? MAX is your best coach. Improve during training and impress your competitors during racing.

1. Ping the boat and ping the pin
2. Synchronize the time
3. Adjust your sailing to the data
4. Are you late or early? Check the indicator!



SAIL FASTER

SHORTEST WAY AT THE HIGHEST SPEED

Speed is key! Keep an eye on the data – based on the best GPS data in the market available – and understand what makes you go faster or slower. Let VMG lead you the shortest way at the highest speed:

1. Determine your best VMG (before the race)
2. Set the course axis in MAX
3. Not in line with your best VMG? Adjust your sailing



SAIL HIGHER

TACK ON HEADERS AND STAY ON LIFTS

Stay ahead of your competitors from start to finish with the self-learning header/lift indicator showing how many degrees you are headed or lifted from the startline wind direction.

1. Set up your up-and downwind target angles
2. Watch the header/lift indicator during racing
3. Is MAX showing a negative number? You're lifted.
4. Is MAX showing a positive number? You're headed.





“THE CLARITY OF THE SCREEN IS FANTASTIC, EASILY VISIBLE FROM ALL ANGLES AND WITHOUT ANY GLARE ON THE SCREEN. THE ADDED FUNCTIONALITY THAT YOU DON’T GET ON OTHER DISPLAYS SUCH AS HEEL AND PITCH ARE NICE TO REFERENCE WHEN THE BOAT IS ‘FEELING’ GOOD AND BUILD TARGETS OFF THOSE NUMBERS.” - KYLE LANGFORD - AMERICA’S CUP WINNER 2013

SHARE YOUR STORY. [SAIL WITH US](#)

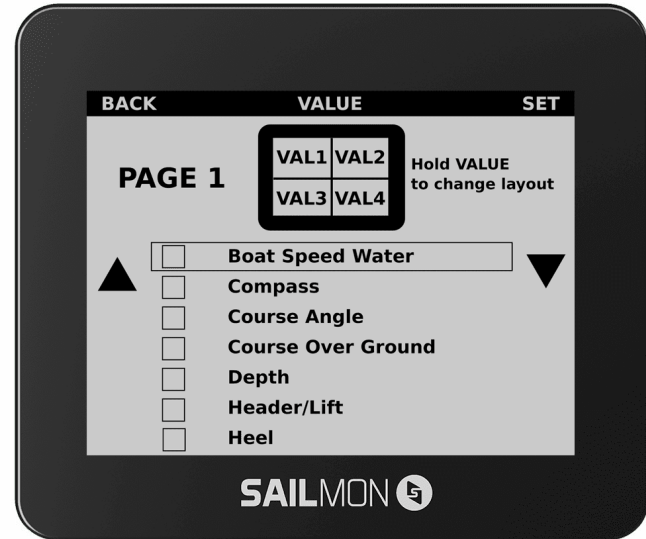
SAILMON 

PAGE BUILDER

CONFIGURE YOUR DATA LAY-OUTS

Decide which data you want to see with the advanced Page Builder:

- Easy setup
- 1 until 4 values on one screen
- Unlimited screens
- Easy switching between screens



100% WIRELESS

IT'S ALL ABOUT CONNECTIVITY

No batteries, charging ports, cables and wires. MAX is completely wireless. Set up a connection with the Sailmon App or sensors via Bluetooth or WiFi and power up your unit via inductive charging.



EXTRA FEATURES

NON GPS MODE

Are GPS devices forbidden during racing in your class? Turn off your GPS and still enjoy all the allowed features.

MAX REPEATER

Duplicate the screen from a MAX to another MAX.

E4 REPEATER

Add a Sailmon E4 processor to display all data from the E4 to your MAX.

FREE SOFTWARE UPDATES

Keep your MAX up-to-date with its latest functionalities with free over-the-air updates.



2. ADD-ONS

EASY SETUP VIA BLUETOOTH OR WIFI



WIND

Provide yourself with great wind information. Connect and add True Wind Angle (TWA), True Wind Direction (TWD) and True Wind Speed (TWS).



LOADCELL

Determine and repeat your fastest setting and preserve the integrity of the rigging. Available for all types of boats.



NMEA 0183/2000

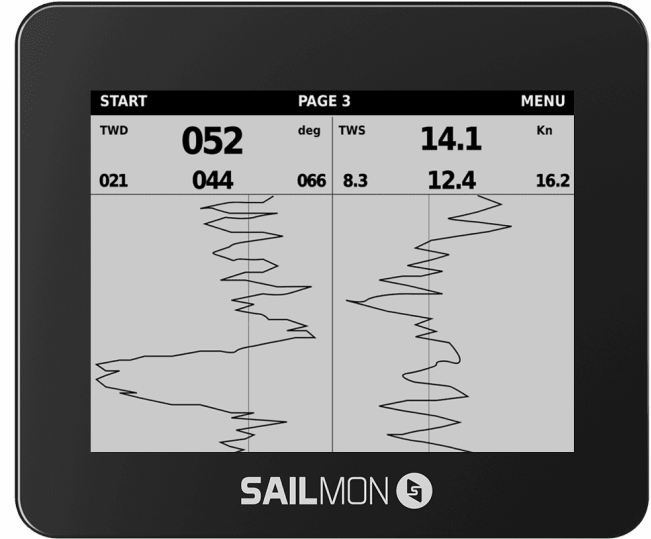
Add speed, depth and wind to MAX using an NMEA 0183 or 2000 sensor.

MORE DATA = MORE FIELDS

SHOW WIND AS NUMBER OR GRAPH



MORE DATA



WINDGRAPH



3. DATA

ABBREVIATION	FULL NAME	DESCRIPTION
AWA	Apparent Wind Angle	Wind angle relative to boat
AWS	Apparent Wind Speed	Wind speed relative to boat
BSP	Boatspeed	Speed through water
COMPASS	Compass	Compass bearing magnetic relative to MAX
COURSE ANGLE	Course Angle	Angle relative to the set course
COG	Course over Ground	Course of MAX relative to earth's surface
DEPTH**	Depth	The instantaneous and local vertical distance between the nautical bottom and the undisturbed free water surface
HEADER/LIFT	Header lift indicator	Degrees lifted from optimal relative to course axis
HEEL	Heel	Angle of boat side to side
MAX SPEED	Max Speed	Maximum speed in this session
PITCH	Pitch	Angle of boat bow to stern
RACE TIMER	Race timer	Time into race
SOG	Speed over ground	Speed of max relative to earth
10S AVERAGE	Ten second average	Average SOG over the last 10 seconds
TIME	Time	Local time
TOP 10S AVERAGE	Top 10 second average	Best speed over 10 seconds

ABBREVIATION	FULL NAME	DESCRIPTION
TOP 10S AVERAGE	Top 10 second average	Best speed over 10 seconds
TWA*	True Wind Angle	Wind angle relative to boat
TWD*	True Wind Direction	Wind direction relative to water
TWS*	True Wind Speed	Wind speed relative to water
VMG	Velocity Made Good	Speed made relative to wind direction
VMC	Velocity Made Course	Speed made relative to course axis
DISTANCE TO LINE	Distance to line	Distance from line measured from MAX
DISTANCE TO BURN	Distance to burn	Distance to burn with current speed and time left to start
LINE BEARING	Line bearing	The horizontal angle made by a survey line with reference to the magnetic north pole in a clockwise direction
Load***	Load	Load on loadcell. Compression is negative, tension is positive

* Only available once connected with Ultrasonic Wind Sensor

** Only available once connected with NMEA add-on

*** Only available once connected with Loadcell

DOWNLOAD



HERE NOW

THE BEST SAILING APP

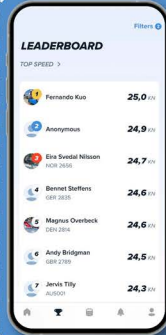


Download on the App Store

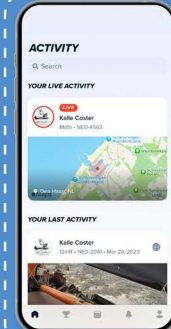
GET IT ON Google Play



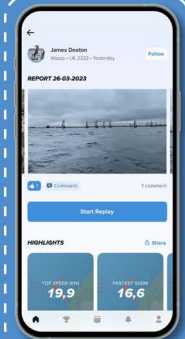
LOG EVERY MILE



GET RANKED



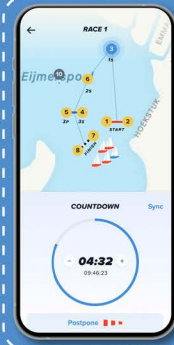
GO LIVE!



CONNECT, SHARE, AMPLIFY & ENGAGE



RELIVE YOUR PERFORMANCE



BE YOUR OWN RACE COMMITTEE

APPROVED BY OUR #SAILMONSTERS WORLD'S BEST SAILORS



DYLAN FLETCHER
Olympic Champion 49er



ETTORE BOTTICINI
Italian WASZP Champion



GUNNAR BINIASCH
Wingfoil EC Champion



TOM BURTON
Olympic Champion Laser



MONIKA MIKKOLA
Sailing Team Finland



TOM SLINGSBY
Olympic Champion Laser



SAM SILLS
British Sailing Team



CLAUDIA ROSSI
J70 EC Champion



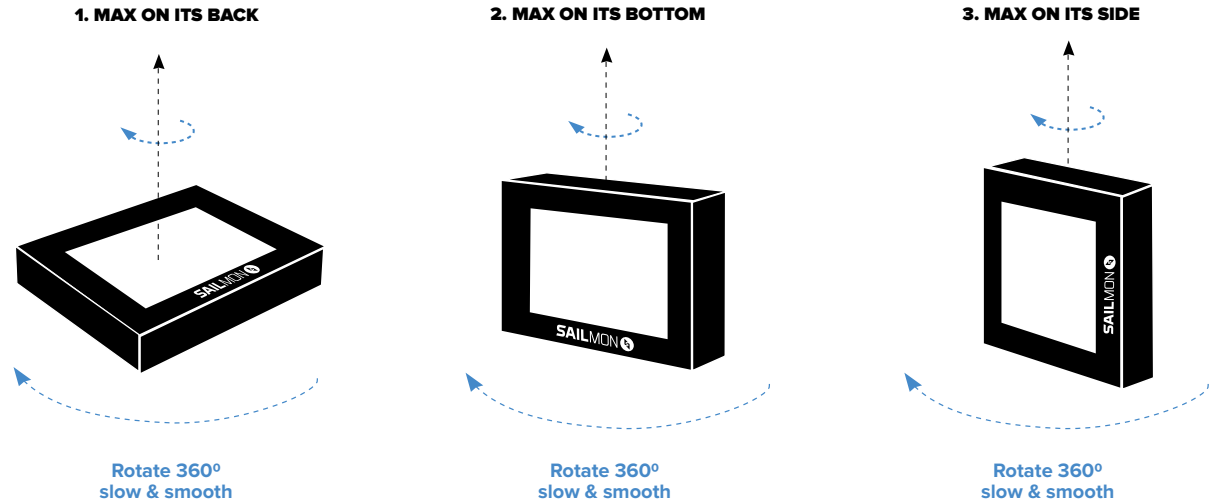
NICOLO RENNA
iQFOIL EC Champion



JOAN CARDONA
3rd Olympics Finn

4. CALIBRATION OF THE COMPASS

Calibration needs to be done: every time you go sailing, right before the moment you mount MAX to your boat (as close as possible to mount) and on a flat surface or in the air.



5. CHARGING

WIRELESS VIA INDUCTIVE CHARGING

MAX is completely wireless. Therefore it needs to be charged via an inductive charging pad. The battery last for 16 hours.



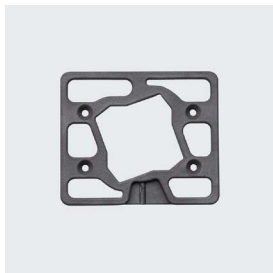
6. MOUNTING

STANDARD MOUNTING



1 STANDARD MAX BRACKET

- Screw the mount on your boat (screws not included in the box)
- Slide your MAX into the bracket until you hear a click
- Go sailing!



2 ADVANCED MAX BRACKET

- Screw the mount on your boat (screws not included in the box)
- Twist your MAX into the bracket (second and third photo is example of Laser Mount Bracket - same principle)
- Go sailing!

MAST AND CLASS SPECIFIC MOUNTS



Laser Mount Bracket



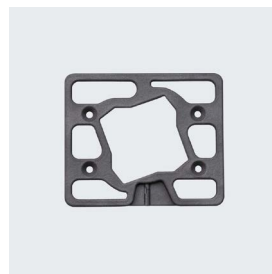
Single Mast Bracket
(J70/RS21)



Double Mast Bracket
(J70/RS21)



IQFOIL Backmount



WASZP Flat Mount



470 - Melges 14 Short



470 - Melges 14 Long



Dragon Mount Bracket



TackTick Converter

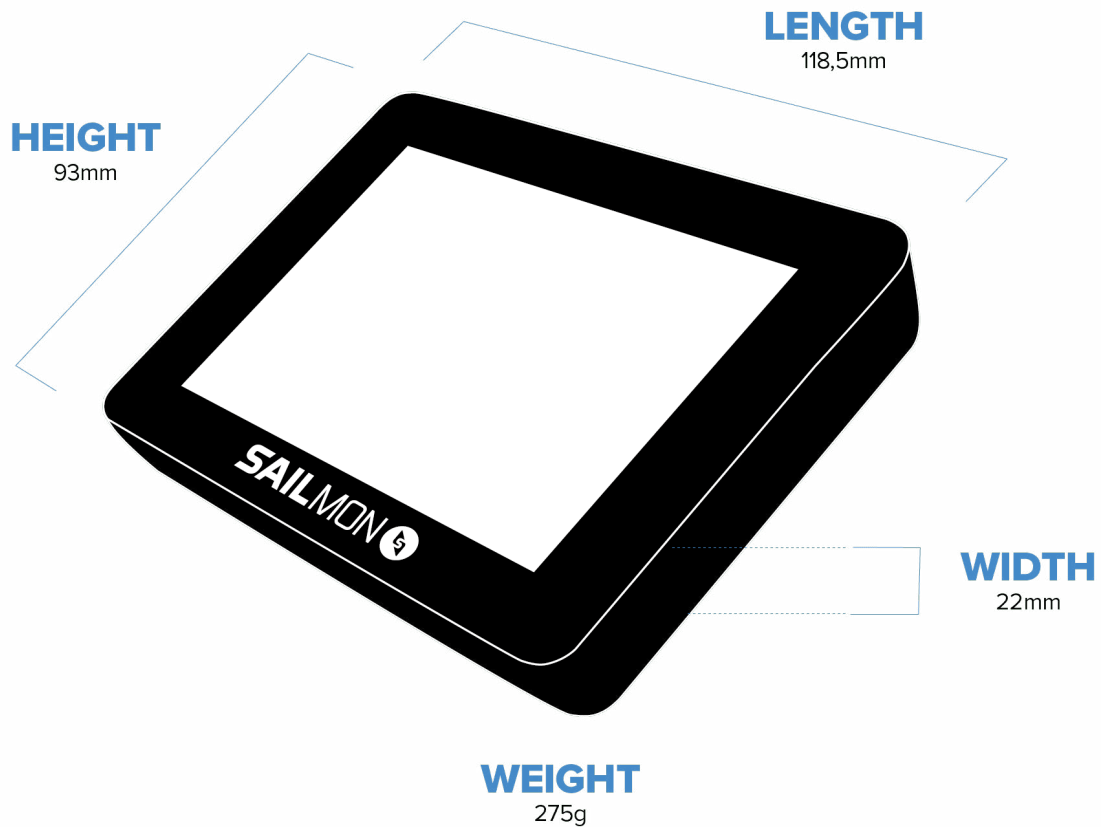
7. TECHNICAL SPECIFICATIONS

GENERAL	
Dimensions	22mm x 118,5mm x 93mm
Display type	4.4" transfective LCD
Display resolution	320 x 240 pixels
Weight	275 gram
Water rating	IP67
Battery type	3600mAh lithium-polymer
Battery life	16 hours (all-day)
Charging	Wireless via inductive
Buttons	Soft keys

CONNECTIVITY	
Bluetooth	✓
WiFi (2.4GHz)	✓
Sailmon App	✓
Free Sailmon software updates	✓

SENSORS	
GPS	✓
GLONASS	✓
Galileo	✓
BeiDou	✓
Multi-band GNSS	✓
9 DOF IMU (Heel & Pitch)	✓

ADD-ONS	
Wind sensor	✓
Loadcell	✓
NMEA 0183	✓
NMEA 2000	✓
Airmar DST810	✓
E4 processor	✓



INTERESTED?

#SAILWITHUS

Maximise your sailing with Sailmon MAX and the Sailmon App! Join the vibrant community and #SAILWITHUS! Do you buy our Sailmon MAX?

📞 CONTACT SAILMON

Get a tailor-made quote. Also available for questions.

→ Sales@sailmon.com

📍 GO TO OUR SHOP

Buy directly from our official shop. World-wide shipping and in stock

→ Shop.sailmon.com

📍 FIND YOUR LOCAL DEALER

Visit your local dealer. Also available for questions.

→ Sailmon.com/find-a-dealer



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