



„easyLOGBOOK“
Software Manual

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Dear Customer,

Thank you for purchasing the easyLOGBOOK of Weatherdock Co. The easyLOGBOOK is a low-cost portable GPS-Receiver. On the included micro SD card you can save your routes. They log includes time, distance and speed. The easy to use software can display your trip in Google Earth. The easyLOGBOOK is small, tough and easy to takeaway. It offers many possibilities. Please read the following instructions carefully to use the easyLOGBOOK in its best way.

Manual easyLOGBOOK



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Revision of the operation manual:

Pos.	Revision	Author	Change	Date
1	Rev.: 1	Schuster		14.11.08
2	Rev.: 1.1	Schuster	Crew, Notes	15.01.09
3	Rev.: 1.2	Schuster	Ship, Crew, Trip, Nautical summary	05.02.09

4	Rev.: 1.3	Schuster	Google Earth	13.02.09
5	Rev.:1.4	Schuster	Crew	24.04.09

1. Important Notes

easyLOGBOOK uses Lithium battery. If easyLOGBOOK is used in temperature lower than -10° or higher than 60° , its capability will decrease. Please leave the easyLOGBOOK far away from heat or high temperature environment. In addition, do not expose your easyLOGBOOK in temperature higher than $140^{\circ}/60^{\circ}$. If you do not follow these rules, the battery inside easyLOGBOOK may overheat, explode or burn itself, and this will lead to very serious damage. The Lithium battery inside the easyLOGBOOK should be recycled. While in the hospital, turning off the easyLOGBOOK is recommended. Wireless GPS receiver may interfere with medical equipments which use radio frequency.

For safety, keep the easyLOGBOOK and all accessories out of children's reach. The manufacturer assumes no responsibility for any damages and loss resulting from the use of this manual, or from data loss as a result of malfunction, dead battery, or from misuse of the product in any way. Use only the supplied and approved accessories. Unauthorized accessories, modifications or attachments could damage the easyLOGBOOK, and may violate statutory provisions of radio devices.

Use a dry, clean soft cloth to clean the unit. Do not use harsh cleaning solvents, chemicals, or strong detergents. Do not attempt to open the easyLOGBOOK yourself. Unauthorized hacking may damage the unit, and void your warranty.

2. License Agreement

BY USING THE easyLOGBOOK YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT.

PLEASE READ THIS AGREEMENT CAREFULLY.

Weatherdock grants you a limited license to use the software embedded in this device (the "Software") in binary executable form in the normal operation of the product. Title, ownership rights, and intellectual property rights in and to the Software remain in Weatherdock Co. You acknowledge that the Software is the property of Weatherdock and is protected under the German copyright Laws and international copyright treaties. You further acknowledge that the structure, organization and code of the software are valuable trade secrets of Weatherdock and that the Software in source code remains a valuable trade secret of Weatherdock Co. You agree not to decompile, modify, reverse assemble, reverse engineer or reduce to human readable form the Software or any part thereof or create any derivate works based on the software. You agree not to export or re-export the software to any country. This Weatherdock product is warranted to be free from defects in materials or workmanship for 24 month from the date of purchase. Within this period,

Weatherdock will at its sole Option repair or replace any components that fail in normal use such repairs or replacement will be made at no charge to the customer for parts or labour, provided that the customer shall be responsible for any transportation cost. This warranty does not cover failures due to abuse, misuse, accident or unauthorized alteration or repairs.

THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED OR STATUTORY, INCLUDING ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY OR OTHERWISE.

IN NO EVENT SHALL WEATHERDOCK BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT.

Weatherdock retains the exclusive right to repair or replace the unit or software or offer a full refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

3. Quick instruction:

- 1) First please charge the easyLOGBOOK battery.
- 2) Connect your microSD-Card with the easyLOGBOOK
Note: Make sure that the protection cap is connected.
- 3) Switch on the LOGBOOK and keep it ON during your trip. The LOGBOOK and the PC software work independent from each other.
- 4) Run the software at the PC and put in the data into the adequate mask
These are the masks "boat" and "crew" and "trip".
"boat" and "crew" are normally only one time entered at the beginning.
- 5) The "trip" data are entered more often. It is not necessary to enter the latitude and longitude by hand, because these data can be synchronized from the easyLOGBOOK software. Make sure that the data(Date, Time) you fill in are the same as the data on the microSD-Card.
- 6) Later at night, when you are e.g. at anchor, you connect the memory card by means of the card reader to your PC.
- 7) Then you can synchronize the data of your inputs with the GPS positions from the easyLOGBOOK unit.
- 8) You can also synchronize digital pictures you have also stored on your PC.
- 9) All the information can be printed in nice logbook and can be shown to others.

4. Package contains:

- easyLOGBOOK
- 12 Volt adaptor for board net 12VDC
- 230V charger
- 1GB micro SD card
- SD Card adaptor for micro SD cards
- CD with easyLOGBOOK-Software
- This user manual on CD

5. Specifications

- Put back ways can be shown in Google Earth
- GPS L1 C/A Code
- Sensitivity: -159dBm in tracking, superior urban canyon performance
- RF receiver with noise level of 2,5 railways
- Build in Power-on-reset- und self calibration
- Assisted / autonomous operation
- Fast in all modes (a typical outdoor)
- Hot-start min. 2-3 s (average)
- Warm-start min. 32 s (average)
- Cold-start min. 34 s (average)
- Up to 60.000 of simultaneous search windows
- 48 Listening channels
- 14 Pursuit channels
- DGPS & WAAS/ENGOS capable
- Integrated antenna: inserted patch antenna with low noise level
- 4 LED displays: GPS- Announcement, Memory Status, changing and error/low power warning
- Built in rechargeable 1100 mAh Li-ION battery
- Low power consumption: 24 hours continuous use by 1 single battery charge
- Build in micro SD memory slot for micro SD card (up to 2GB storage, 6 million locations can be saved on a 1GB micro SD card.)
- Logged data file format: .TXT. (Location data includes longitude, latitude, altitude, time, speed and direction.)
- Operating temperature: -20°C to +60°C
- Storage temperature: -20°C to +85°C
- USB connection for battery charge
- External battery charger AC Adapter (5.3V output, 500mA)
- Dimension: 42 mm x 65 mm x 18 mm
- Weight: app. 60g (battery included)

6. Overview of the functions of the LED`s



- Red:** Charge LED
Slow flashing: Loading Li-Ion Rechargeable battery .
Off: Completely loaded / does not load.
On: Please charge
- Blue:** GPS LED
Flashing: A GPS signal was found.
Off: GPS signal not found.
- Green:** Power LED
Flashing: the faster flashing the less charge remaining
On: Li-Ion rechargeable battery is empty. Please charge.
- Orange:** Memory LED
Flashing: Straight data are written on the MEMORY
On: The memory card is defect or puts wrongly.

7. Usage of the easyLOGBOOK

7.1. Loading of the rechargeable battery

Connect the 12V adaptor or the 230V charger with the USB-slot on your easyLOGBOOK and load it until the red LED is off.

7.2. Startup

Press the On/Off-Button for three seconds until all LEDs (blue, green, orange) light up. If you did everything right the blue LED lights up for 13 seconds.

7.3. Shutdown

Press the On/Off-Button for three seconds until all (blue, green, orange) light up. Your logbook is off now.

7.4. Attach of the micro SD card

Open the protection cap. Then insert your micro SD card into the memory card slot. Be careful, do not put it in on the wrong way and make sure that it is locked. You also have to close the protection cap.



False!



Correct!

8. Using the software easyLOGBOOK

8.1. Install „easyLOGBOOK“

Run the „setup.exe“ file from the CD. Follow the instructions.

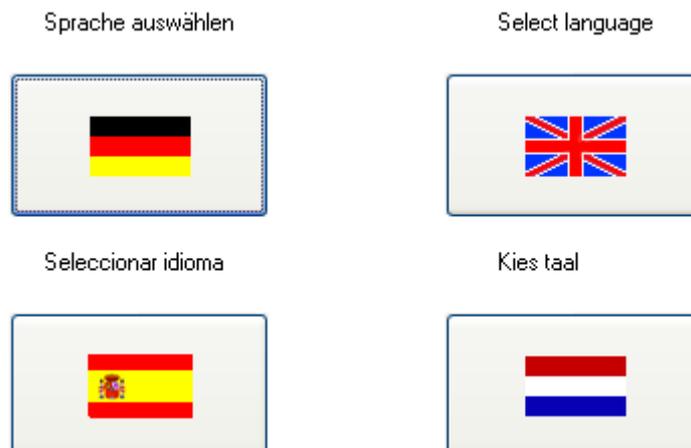


To start the program click:



8.2. Language

Select your Language



8.3. UTC Settings

What is UTC?

The coordinated world time (UTC, - Fr. Universel Temps Coordonné) is the current world time. It is a combination of the international atomic time TAI and the universal time UT. The time belts are indicated as positive or negative deviation from UTC.

To adjust the UTC push the button:



In the next window there is your current system time and the adjusted UTC time. If those should be the right UTC time push „Yes“. If this is wrong push „No“ and select the right difference.

8.4. Logbook

To write a Logbook push the button:



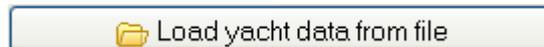
On the left upper corner there are 4 options: Boat, Crew, Trip und Nautical summary.



Fill in your datas and save everything with a click to the floppyicon on the left upper corner. Select your schedule and it will saved in an *.elb file.

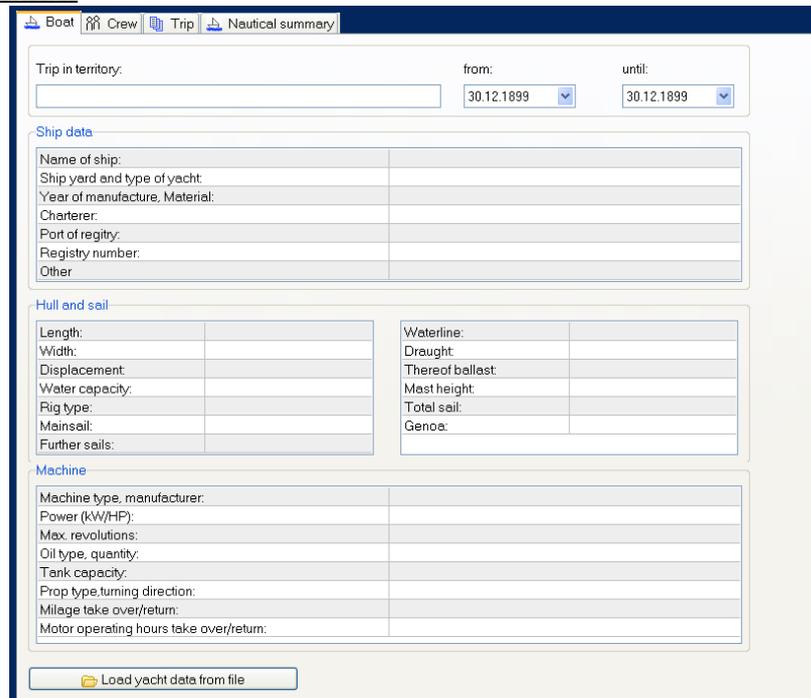
8.4.1 Boat

In this menu you can describe your ship. Fill in your Data and save everything with a click on File>Save as. Save it under a clear name. So you get the opportunity to load everything the next time with a click on



and select your schedule where you save your file.

Summary "Boat"-Menu:



8.4.2 Crew

On the field „Crew“ you can fill in the data of your crew. Click on the menu “Select crew” and you can create a new or take one from your file and also edit one.

To do this click:

Select crew

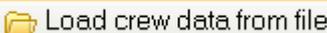
At first write in your date of the departure and the arrival.

You can fill in the name of the crew in this textbox:

Name of crew:

Now write in the names, birthdates, nationality, passport number and address in the fields. It is important for the clearance-list! Like in the Boat-Menu you get the opportunity to save a Crew-file. Click on File>Save as and create a new file with a clear name.

To load a Crew-file click



and select your schedule where you save your file.

Now you get the opportunity to select your crewmembers.

Summary “Crew”-Menu:

Boat Crew Trip Nautical summary

Name of ship: Date of departure: 24.02.2009

from:

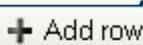
Select crew: Name of crew: Date of arrival: 24.02.2009

to:

No.	Full name	Date of birth	Nationality	Ident doc type & No.	Home Address
1					
2					
3					
4					
5					
6					

If there are not enough lines push:

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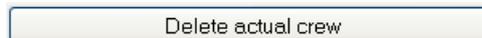
For the customs you can print a clearance list. Press the button:



To delete crewmembers or the whole crew mark them and push the button:



To delete all members push:



Example "Clearance list":

Crew clearance list

1

Ship data

Name of ship:	MS Weatherdock
Ship yard and type of yacht:	Segelschiff
Year of manufacture, Material:	2006
Charterer:	IGZ
Port of registry:	Tennenlohe
Registry number:	91058
Other	-

Crew 1

Date of departure 02.02.2008 from: Bruck
Date of arrival 06.02.2008 to: Tennenlohe

Schuster, Erlangen
*D40190, Nationality: deutsch, Ident doc type & No.: 5254845
Todua, Nürnberg
*251085, Nationality: russisch, Ident doc type & No.: 2548752

8.4.3 Trip

In this menu you have the possibility to describe your trip.

At first click on the Pull-Down-Menu "Select day of trip" "New Day".

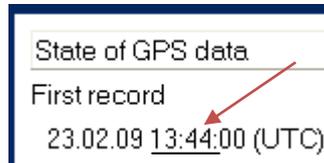
Now write the date and the location on the morning and evening in the fields.

You have also the possibility to write a weather report of a determined time.

Now you can write in the weather conditions, air pressure, sail guidance or comments into your logbook. Get sure that you fill in the system time in the logbook.

Not the time of the easyLOGBOOK-file is UTC.

For example in the winter:

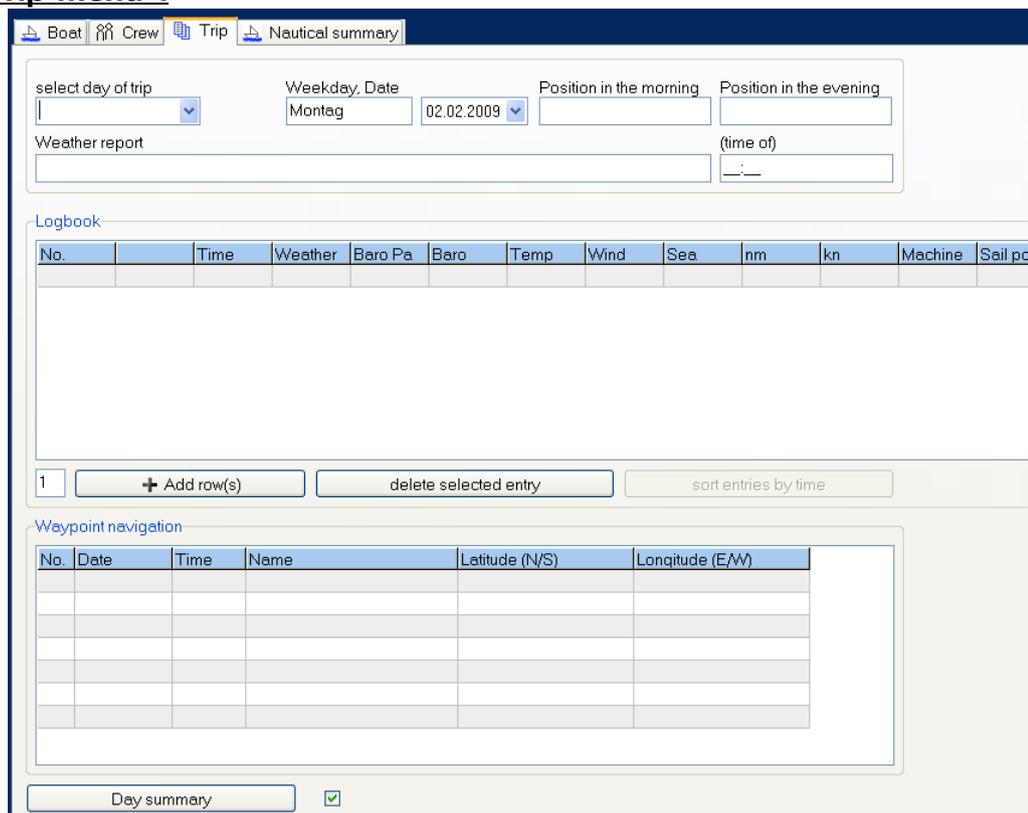


Your first entry should also be:

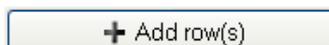


In winter the UTC in Europe is UTC+1. So you have to add 1hour to your UTC-Time.

Summary "Trip-Menu":



If there are not enough lines push:



In order to load the associated GPS data connect the micro SD card from your easyLOGBOOK with the adapter and in assistance of the micro SD Adapter with your USB Port on your computer. You also can use your cardreader on your computer if available. Press now (on the right lower corner):

Get GPS data

Note: Your entry's only will synchronized with the GPS-Infos when the date and time of trip are the same as on the SD-Card.

Select the micro SD card from your schedules. Click on the right *.txt-file with the favored date (GPSLog-YYMMDD.txt). Then the easyLOGBOOK software will load the data and print it out in the "Waypoint navigation" in the menu "Trip".

The filename also contains the date.

Additionally you can make a day summary.

To do this click here:

Day summary

Fill in your distance threw water / over ground and the Machine runtime. You also have the opportunity to write in the Fuel, Oil level, Bilge, Water, Main batteries, Lights.

On the next Day summary the Day distance and the Machine runtime will summate and in the window you can see the total distance and machine runtime.

It also will show in the next point "Nautical summary".

Distances and times			Technical check	
Distance (nm)			Fuel	
Distance (nm)	t.w.	o.g.	Oil level	
Day distance			Bilge	
Total distance			Water	
Machine runtime (h)			Main batteries	
Machine runtime today			Lights	
Machine runtime total				
Skipper				
Navigator				
Notes				
<div style="border: 1px solid gray; height: 50px;"></div>				
Print day summary			✓	

8.4.4 Nautical summary

When you click on the menu "Nautical summary" you can fill in a lot of information.

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For example comments to ports, anchor places, sailing territory, then yacht, the charterer or even to the crew. As you can see the machine runtime total and the total distance is shown.

9. Google Earth

In the menu "Trip" you loaded your GPS-data and now the software gives you the opportunity to show your trip in Google Earth.

You can download it from <http://earth.google.com> and follow the instructions.

Then press:



there you have two options:

-The map will show on its own way.

With a click on



the software will load the picture into the program and you can see it without internet.

-Or like already described in Google Earth click here:



It will take several minutes while loading the map.

Of course you can create a bigger map.

Fill in your width and length.

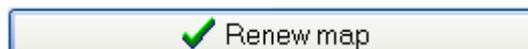
Size (max. 640 x 640)

Width

Height

But do not create a bigger map than 640x640.

To reload your map click



10. Photos

To complete your trip and make it more colorful you can insert photos.
To do this click following Icon:



Then push:



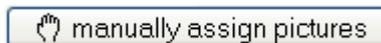
Select your photos from your hard drive and open it. All pictures appear then as preview on the left side. Mark the pictures which should select to the logbook entries.

Then push:



Every marked photo will now assigned to the right data by time.

In order to select the photos manual click on the following button:



and pull the photos you like to the data on the right side.

11. Print

When you have finished your data, you get the option to print everything.
To do this click here:



Now you get your easyLOGBOOK also with the pictures. This hardcopy is a great summary and you can report your family, friends, etc. from your journey.

12. Faults & The Solutions

Pos	Problem	Reason	Solution
1.	No GPS Files are recorded.	The device is not online/ No reception.	Startup the device/Get sure that you have free view to the satellites
2.	You cannot startup the device.	The operation voltage is not enough/ Protective cap over the card slot is not fixed.	Charge the easyLOGBOOK/ Put the protective cap on.
3.	You cannot see any data in your Logbook.	No data's were loaded. There are no data's on the micro SD card	Load the right data from your hard drive/SD card.
4.	Memory-LED is flashing up every time.	Cannot read the SD card.	Take care that the SD card is used correctly.

13. Hints and Tips for using

- It's better to turn off the easyLOGBOOK when you do not use it
- Some vehicles are having heavy metallic sun protecting coating on windshields may affect GPS signal receptions
- Driving in and around high buildings may affect GPS signal receptions.
- Driving in tunnels or indoor park may affect signal receptions.
- In general, any GPS receiver performs best in open space where it can see clean sky. Also weather like rain & snow contribute to worse sensitivity.
- Low battery of the easyLOGBOOK may affect signal receptions.
- Note that easyLOGBOOK may not work indoors where it cannot see the sky.
- For the first time you use the easyLOGBOOK, it will take 1 to 3 minutes to obtain the satellite constellation information and fix your position. This is called "Cold Start".
- If your easyLOGBOOK can't fix your position for more than 20 minutes, we suggest you change to another spot with open space and then try again.
- Removing the micro SD card while the easyLOGBOOK is turned on can cause damage and will shut down your easyLOGBOOK.

14. Important notes for rechargeable batteries and there removal

Rechargeable batteries do not belong into the domestic refuse. As consumers you are legally obligated to return used batteries to the professional disposal. They can deliver your batteries with the public collecting points in your community or everywhere, where batteries of the kind are sold.

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16. Contact

Service/Technical Advice:

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