

# WEATHER INFOBOX

**Would it not be fantastic ...**

**... you are on board and the actual  
sea-weather forecast for your area is  
available immediately...**



**Put the weather into your pocket**

**Optimal solutions for**

**SEA WEATHER  
BAROGRAPH  
NAVTEX**

**... now also Europe-wide!**

**[www.wetterinfobox.com](http://www.wetterinfobox.com)**

# What can I receive

## **LONG WAVE FREQUENCY 147.3 kHz of the DWD (red circle)**

The German weather service (DWD) sends on long wave frequency 147.3 kHz sea-weather forecasts for the next 24 hours, 2-days and 5-days **in German language**.

The receipt range for the DWD is approx. 300 nautical miles around Hamburg.

The **Synop messages** are decoded and stored by the Wetter-Infobox. The Synop data is shown in text format. In addition, wind arrows are shown in a pixel chart on the PC.

Recommendation: **WIBE, WIB3, WIB1  
WIBD**  
(without Synop messages)

## **NAVTEX STATIONS 518 kHz (English), partial also 490 kHz (national language) (marked with black points)**

The messages on 518 kHz are sent in English, and on 490 kHz they are sent the respective national language.

The range of the **NAVTEX**-transmitters is, depending upon the transmitting power, different (approx. 150 to 250 nautical miles).

**NAVTEX** messages include e.g.: nautical warnings, distress messages, weather forecasts and storm warnings.

Recommendation: **WIBE, WIB3, WIB2  
WIB2B, WIB2BX**



# for my journey area?

## SHORT WAVE FREQUENCIES of the DWD (green circle)

The German weather service (DWD) sends sea weather reports for the next 24 hours, 2 and 5 day forecasts on five short wave frequencies in **German** or **English language**.

Apart from the well-known plain language sea-weather forecasts, also (facsimile) weather-charts and Synop messages are sent by the German weather service.

The short wave transmissions can be received in northern and southern Europe, including the Mediterranean Sea (**English/German**).

Recommendation: **WIBE**



# WETTERINFOBOX - WIB1



## Sea weather for the PC (USB)

Weather forecasts for:

- North Sea
- Baltic Sea
- Ijsselmeer

- Receives sea-weather forecasts of the DWD on 147.3 kHz
- Receipt range approx. 300 nautical miles around Hamburg
- Automatic message administration
- Internal ferrite rod antenna, no antenna installation necessary
- Dimensions: 90x57x23 mm
- Internal batteries for approx. 7 days continuous receipt without PC
- Batteries will be loaded via PC



*Sea-weather forecasts for the next 24 hours, 2- and 5-days-forecasts in German language.*

*The Synop messages are shown as wind arrows in the chart.*

Suitable for:

- Windows 2000
- Windows XP
- Windows VISTA

**Item-No. WIB1**



# WETTERINFOBOX - WIB2



## NAVTEX for the PC (USB)

- Digital receiver for 490 kHz and 518 kHz
- Simultaneous receipt on both frequencies
- Internal ferrite rod antenna, no antenna installation
- The equipment is used like a USB-stick
- Dimensions: 90x57x23 mm
- Internal batteries for approx. 3 days cont. operation without PC
- The batteries will be loaded via the PC
- Automatic message administration

*NAVTEX from the coastal radio stations*  
*490 kHz (national language)*  
*518 kHz (English)*



- Suitable for:
- Windows ME
  - Windows XP
  - Mac OS
  - Windows 2000
  - Windows VISTA
  - Linux

**Item-No. WIB2**

**NEW**

# WEATHER-INFOBOX - WIB2B

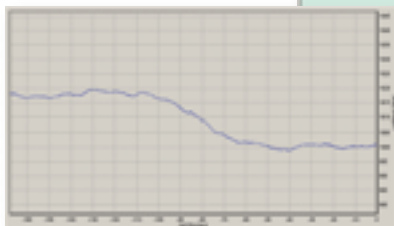
Now with  
Barograph!!

**NAVTEX &  
Barograph**  
for PC (USB)



- Digital receiver for 490 kHz and 518 kHz
- Simultaneous receipt on both frequencies
- Internal ferrite rod antenna, no antenna installation
- **Precision air pressure sensor** with 0,1 hPa dissolution
- Diagram of the **air pressure process** (max. 7 days)
- Only 90 x 57 x 23 mm large
- Internal storage battery for approx. 3 days continuous operation without PC
- The storage battery is loaded via the PC

NAVTEX from the  
costal radio stations  
490kHz (national language,  
NAVTEX now also  
in German language)  
518kHz (English)



*Diagram of the air pressure  
process over up to 7 days*

Suitable for:

- Windows 2000
- Windows VISTA
- Windows XP

**Art.-Nr. WIB2B**

# WEATHER-INFOBOX - WIB2BX

## NAVTEX & Barograph for PC (USB)

with external antenna

Ideal also for steal-  
and aluminium-ships



- Digital receiver for 490 kHz and 518 kHz
- Simultaneous receipt on both frequencies
- Connection for external active-antenna or isolated backstay (Balun)
- Precision air pressure sensor with 0,1 hPa dissolution
- Diagram of the **air pressure process** (max. 7 days)
- Only 100 x 66 x 33 mm large
- Supply via 12/24 V electrical on-board system
- Power input only 20 mA, without antenna

NAVTEX from the costal radio stations  
490kHz (national language,  
NAVTEX now also in German language)  
518kHz (English)



Diagram of the air pressure  
process over up to 7 days

Suitable for:

- Windows 2000
- Windows VISTA

- Windows XP

**Art.-Nr. WIB2BX**

The delivery takes  
place alternatively  
completely with active-antenna or Marinebalun.



# WETTERINFOBOX - WIB3

## Sea weather - NAVTEX - Barograph for the PC (USB)



### Parallel receiver for simultaneous receipt

- 147.3 kHz
- 490 kHz
- 518 kHz

*Sea-weather forecasts for the  
next 24 hours, 2 and 5- days-  
forecasts in German language.*



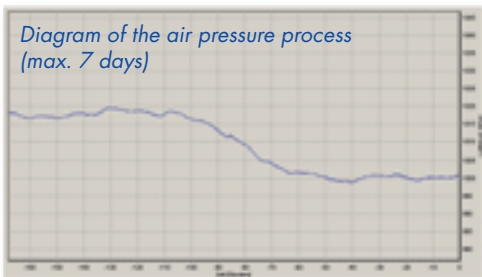
Always the latest weather information and NAVTEX of the  
costal radio stations.

- Receives sea-weather forecasts of the DWD on 147.3 kHz
- Receives NAVTEX on 518 kHz (international, English)
- Receives NAVTEX on 490 kHz (national, national language)
- Receipt range of the DWD: Approx. 300 nautical miles around Hamburg
- Automatic message administration
- Precision-air-pressure-sensor with 0,1hPa resolution
- Diagram of the **air pressure process** (max. 7 days)
- Indication of air pressure tendency (3 hour)
- Optical and acoustical **storm warning**
- Temperature indication
- Internal ferrite rod antenna, no antenna installation necessary
- Internal batteries for approx. 7 days cont. receipt without PC
- Batteries will be loaded via PC
- Dimensions: 121 x 56 x 31 mm





NAVTEX from the coastal radio stations, 490 kHz (national language), 518 kHz (English)



The Synop messages are shown as wind arrows in the chart.

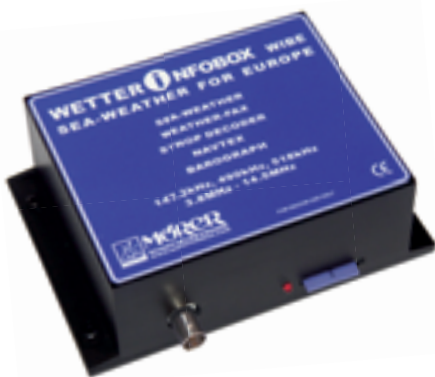
- Suitable for:
- Windows ME
  - Windows XP
  - Windows 2000
  - Windows VISTA

Item-No. WIB3

# Wetter Infobox -

## European-wide

always current weather information and weather charts (DWD), Worldwide Navtex-receipt + barograph  
**for PC (USB)**



HIGH 1020 SARDINIA WEAKENING. LOW 1013 SPAIN WEAKENING A LITTLE, STATIONARY. LOW 1003 SYRIA, STATIONARY. LOW 988 WHITE RUSSIA MOVING NORTHEAST SLOWLY. LARGE HIGH FRIDAY 1037 NORTH OF THE AZORES STATIONARY. RIDGE FRIDAY 1025 BRITTANY NEARLY UNCHANGED. LOW FRIDAY 1004) BULGARIA WEAKENING, MOVING EAST. LOW FRIDAY 1008 NORTHERN ITALY MOVING SOUTHEAST.

FORECASTS OF TH, 09.11.2006 00 UTC: WIND FORCE BEAUFORT, WAVE HEIGHT METRE

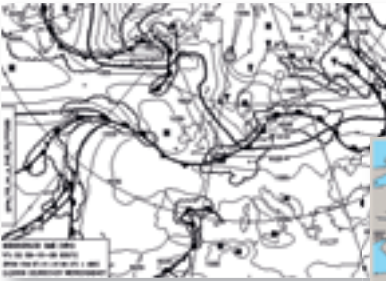
GOLFE DU LION (42.2N 4.5E) SST: 19 C

FR	10.	12Z:	NW-N	6-7	/	8	3	M //
SA	11.	00Z:	NW	7-8	/	9	2	M //
SA	11.	12Z:	NW	7	/	8-9	2	M //
SU	12.	00Z:	NW	7	/	8-9	2	M //
SU	12.	12Z:	NW	8	/	10	3.5	M //
MO	13.	00Z:	NW-N	7-8	/	9-10	3	M //
MO	13.	12Z:	NW-N	3	/	6-7	1	M //

*Sea-weather forecasts for the next 24 hours, 2 and 5-days-forecasts on short and long wave*

- Sea-weather forecasts of the DWD on short (English/German) and long wave (German)
- **Receives the Facsimile weather-charts of the DWD and the British transmitter Northwood (weather-fax)**
- NAVTEX at 518 kHz (international, English)
- NAVTEX at 490 kHz (national, national language)
- Decoded Synop messages of the DWD
- Very simply to program
- **Automatic frequency tuning**
- Connection for external active antenna or isolated backstay (Balun)
- Diagram of the air pressure process (max. 7 days)
- Indication of air pressure tendency (3 hour)
- **Card slot for SD- and MMC-cards offers the possibility for viewing forecasts on PDA's**

# WIB-EUROPE



Facsimile weather charts of the DWD and Northwood (weather fax)



The Synop messages are shown as wind arrows in a chart.

ZCZC UE28  
121900 UTC OCT  
BALTIC SEA WEATHER FORECAST  
NEAR GALE WARNING: BAY OF BOTHNIA.  
WEATHER SUMMARY  
LOW, CENTERED JUST EAST OF SCOTLAND, MOVING NORTHEASTWARDS UP OVER THE NORWEGIAN SEA AND SLOWLY DEEPENING. HIGH OVER WESTERN RUSSIA MOVING SLOWLY EASTWARDS.  
SKAGERRAK AND KATTEGAT:  
S-SE 6-10 M/S, IN SKAGERRAK AT TIMES SOMEWHAT INCREASING. MOD-GOOD VIS.  
LAKE VAENERN: AROUND SE 2-6. MOD-GOOD VIS.

Worldwide NAVTEX from the coastal radio stations

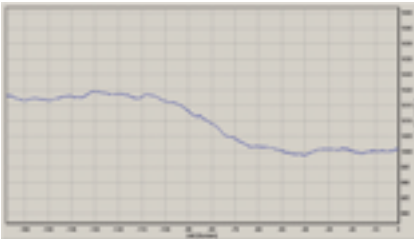


Diagram of the air pressure process (max. 7 days)



Active-antenna

or



Longwire-balun

## Technical data:

Receipt-frequencies: 147.3 kHz, 490 kHz, 518 kHz, 3.8 MHz - 14.5 MHz  
Pressure sensor: Air pressure sensor with 0,1hPa resolution  
PC- interface: USB Full-speed  
Operating systems: Windows 2000, XP, VISTA  
Data memory: 4MB flash (non-volatile)  
Decoding: RTTY for DWD-weather, sitor for NAVTEX, F1C for DWD facsimile  
Operating voltage: 12V, power input only approx. 80-120 mAmps  
Dimensions: Approx. 130x45x90mm

Item-No. WIBE

# WETTERINFOBOX - WIBD

**Put the weather into  
your pocket!**

**No PC necessary!**

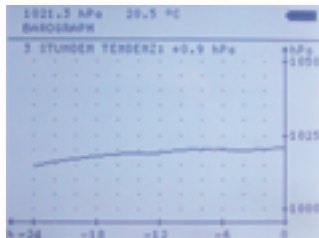
Mini weather receiver  
+ barograph  
Only  
107 x 65 x 31 mm  
large!



**... best suitable for charterers!**

Weather forecasts for:

- North Sea
- Baltic Sea
- Ijsselmeer
- Digital receiver for 147.3 kHz of the German weather service (DWD)
- Internal ferrite rod antenna, no antenna installation necessary
- Receipt range approx. 300 nautical miles around Hamburg
- LC-display with 240x160 pixel and white LED lighting
- Automatic message administration
- Internal batteries for approx. 2.5 days continuous receipt
- Precision-air-pressure-sensor with 0,1hPa resolution
- Indication of air pressure tendency (3 hour)
- Temperature indication
- On-board load adapter for 12/24V is part of the scope of supply
- A load adapter for 230V is optionally available



*The air-pressure of the past 12, 24 or  
48 Hours is clearly shown  
in the graphic display.*

**Item-No. WIBD**

# ACCESSORIES FOR WEATHER INFOBOXES

## Power supply

### 12/24 V load adapter

for WIB1, WIB2 and WIB3.

For continuous operation on board, independently of the PC.

**Item-No. 38153**



### 230 V load adapter for WIB1, WIB2, WIB3 and WIBD.

For the use at home, in the office or with the shore-power-connection.

**Item-No. 38154**

## Transport

### Carrier bag

for WIB1 / 2 / 3 / D.

Offers space for equipment and accessories, like load adapter and USB cable. Approx. 200 x 80 x 40 mm

**Item-No. 38160**



### Carrier bag

for WIBE. Approx. 170 x 160 x 45 mm

**Item-No. 38165**

## Antenna

### Active antenna

for Weather Infobox Europe (WIBE).

Salt water resistant fiberglass tube, male thread R1", complete with union nut.

Connection via cable connector PL 259.

The antenna power-supply is via the WIBE through the antenna cable.

Length approx. 0.6 m

**Item-No. WIBANT**



### Magnetic longwire balun

for the Weather Infobox Europe (WIBE). Adaptation of the isolated backstay as a receiving antenna. Delivery includes stainless steel

mounting clips

and 15 m antenna cable.

**Item-No. MLB1**



# Assembly accessories

## Useful for all WIBE users

### Ground plates

out of sintered bronze material. By the use of a ground plate the signal-to-noise ratio and thus the receipt of weak signals improve. Round Ø 128 mm.

**Art.-No. 7612/0**

Rectangula 205 x 65 x 13 mm.

**Art.-No. 7612/1**



## Important to the unproblematic power supply connection.

### Power connection set

for WIBE.

3-pole connection-cable with integrated fuse.

**Art.-No. WIBSK**

## Antenna-cable and plug-connectors

### PL-plug (Connection to active-antenna)

**Art.-No. 7525**

### Antenna-cable RG58

(Ø 5mm, sold by meter)

**Art.-No. 1313**

### BNC-plug

(Connector to WIBE/WIB2BX)

**Art.-No. 2030**

### Deck lead through

brass chromium-plates

**Art.-No. 1559**

### Through-deck-coupling

brass chromium-plated.

Supply with rubber sleeve and 2 PL plugs.

Flange diameter 35 mm..

**Art.-No. 7524**



# for WIBE / WIB2BX

## Mounting-bases for the active-antenna

### Flange-foot,

flange-diameter: 80 mm, height: 95 mm.

**Art.-No. 7502**



### Pivoted joint.

Necessary for the assembly of the active-antenna on an assembly foot with standard thread

1"/14 T.P.I. high-grade steel, height: 140 mm

**Art.-No. 7503**



### Tilting joint swiveling foot

high-grade steel. Standard thread

1"/14 T.P.I. Adapter foot 7503

necessary.

Surface area 92x64 mm

**Art.-No. 7544**



### Railing tilting joint

brass chromium-plated. Standard thread

1"/14 T.P.I. Adapter foot 7503 necessary.

For the assembly at the tail basket

**Art.-No. 7516/7**



### Antenna assembly angle

high-grade steel. Standard thread 1"/14 T.P.I.

Adapter foot 7503 necessary.

For masthead-assembly.

**Art.-No. 7517**



## Which accessories are needed for the WIBE and WIB2BX?

Alternative choice: Active tube antenna	Art.-No.:
Antennas location: stern pulpit	7503, 7516/7, 7525, 1313, 2030
Antennas location: masthead	7503, 7517, 7525, 1313, 2030
Installation at flange-foot	7502, 7525, 1313, 2030
Installation at pivoting joint	7503, 7544, 7525, 1313, 2030
Longwire balun (isolated backstay)	
15 metres of antenna-cable included	2030



**The weather report on board should be:  
SAFE – CLEAR – AUTOMATIC – FREE OF CHARGE**

**What do you expect  
from a high-quality weather receiver?**

**Forecasts with five-day prediction  
Description of the general weather situation  
Storm warnings  
Station reports  
... and  
Wind direction –  
Wind speed to be expected  
... as well as  
Diagram of the air pressure process  
Optical and acoustical storm warning  
Wave height – Water temperature**

**Never taking notes,  
no hearing guard,  
no charges,  
no missed reports!**

Available in the well sorted specialized trade

Dealer address

Subject to change - conditions Oktober 2007