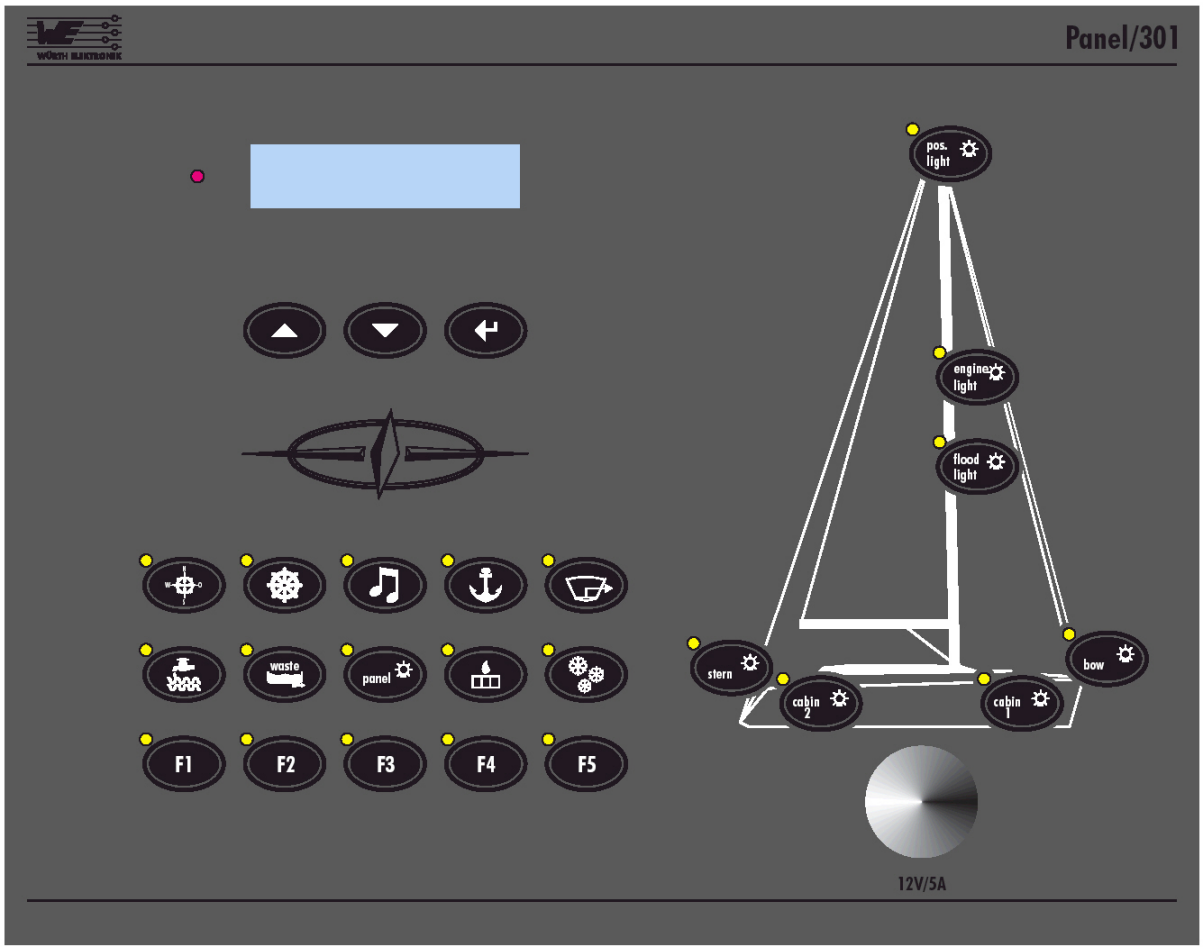
Operating instruction Bavaria sailing boat Panel 301



The boat schematic has integrated switches in the exact position where the lights are switched.

The „external lights“
stern, bow, steam, mast head
are switched with those buttons (ON <> OFF). State of the switches is stored also after complete shut down power supply and remains in case of restart.
In case of malfunctions may be cause by disturbed lamps or disconnected cables the yellow LED which is lighted in function flashes and in the display “malfunction” is indicated.

The „interior light“
cabin 1, cabin 2, deck flood
are switched with those buttons (ON <> OFF). State of the switches is stored also after complete shut down power supply and remains in case of restart.
In case of malfunctions may be cause by disturbed lamps or disconnected cables the yellow LED which is lighted in function flashes and in the display “malfunction” is indicated.

On bottom left of the panel the push buttons of special boat functions are situated. These buttons switches special boat devices like bilge pump, heater etc. ON <> OFF.
State of the switches is indicated by a appropriate LED.

States of LED are

yellow LED on	Device switched on
yellow LED flashes	malfunction
yellow LED off	Device switched off

Compass
switching ON <> OFF of compass relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.

Navigation
switching ON <> OFF navigation relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.
In case of malfunctions may be cause by disturbed lamps or disconnected cables the yellow LED which is lighted in function flashes and in the display “malfunction” is indicated.

Radio
switching ON <> OFF radio relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.
In case of malfunctions may be cause by disturbed lamps or disconnected cables the yellow LED which is lighted in function flashes and in the display “malfunction” is indicated.

Anchor
switching ON <> OFF of anchor relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.

Bilge pump
switching ON <> OFF bilge pump relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.
In case of malfunctions may be cause by disturbed lamps or disconnected cables the yellow LED which is lighted in function flashes and in the display “malfunction1” is indicated.

Fresh water
switching ON <> OFF of fresh water relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.

Waste water
switching ON <> OFF of waste water relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.

Panel light
switching ON <> OFF of backlight of panel buttons and display. After 1 minute the light goes automatically OFF again in order to save battery capacity. Restart is done by a new push.

Heater
switching ON <> OFF of heater relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.

Cooler
switching ON <> OFF of cooler relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.
In case of malfunctions may be cause by disturbed lamps or disconnected cables the yellow LED which is lighted in function flashes and in the display “malfunction2” is indicated.

Additionally to the designed push buttons with fixed functionality 5 spare buttons (F1 – F5) are available for customized devices which can be connected following the Bavaria flowchart and harness plan.

F1 bis F5
switching ON <> OFF of free usable relais. State of the switches is stored also after complete shut down power supply and remains in case of restart.

At top of the panel on the left a display is positioned which can be controlled by special scroll buttons below the display.
Using the scroll buttons the indication of preselected informations are displayed.

Scroll buttons and enter below display

As soon as main power is switched on all LEDs are flashing for 1 sec. to show their functionality (self check). After this check normal functionality is given.

After switch on the display shows

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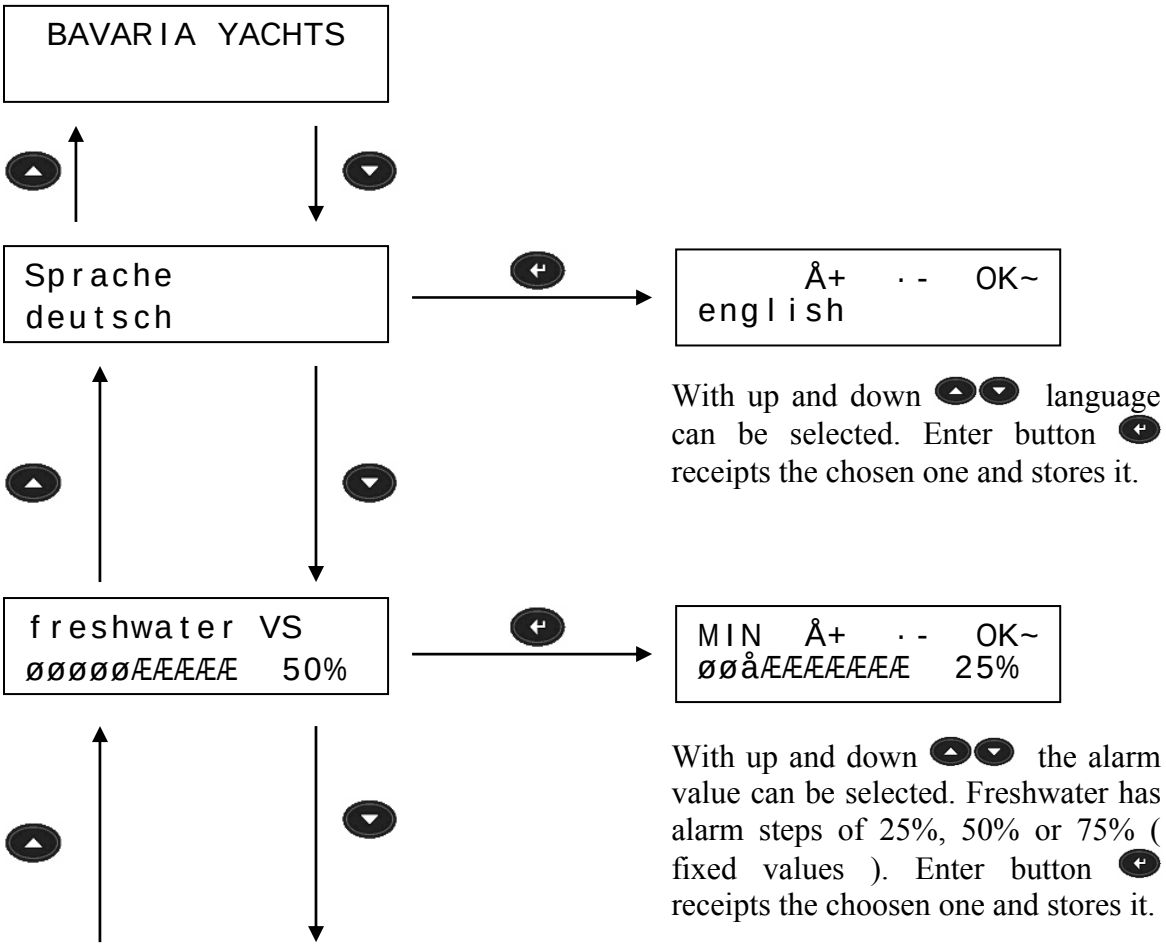
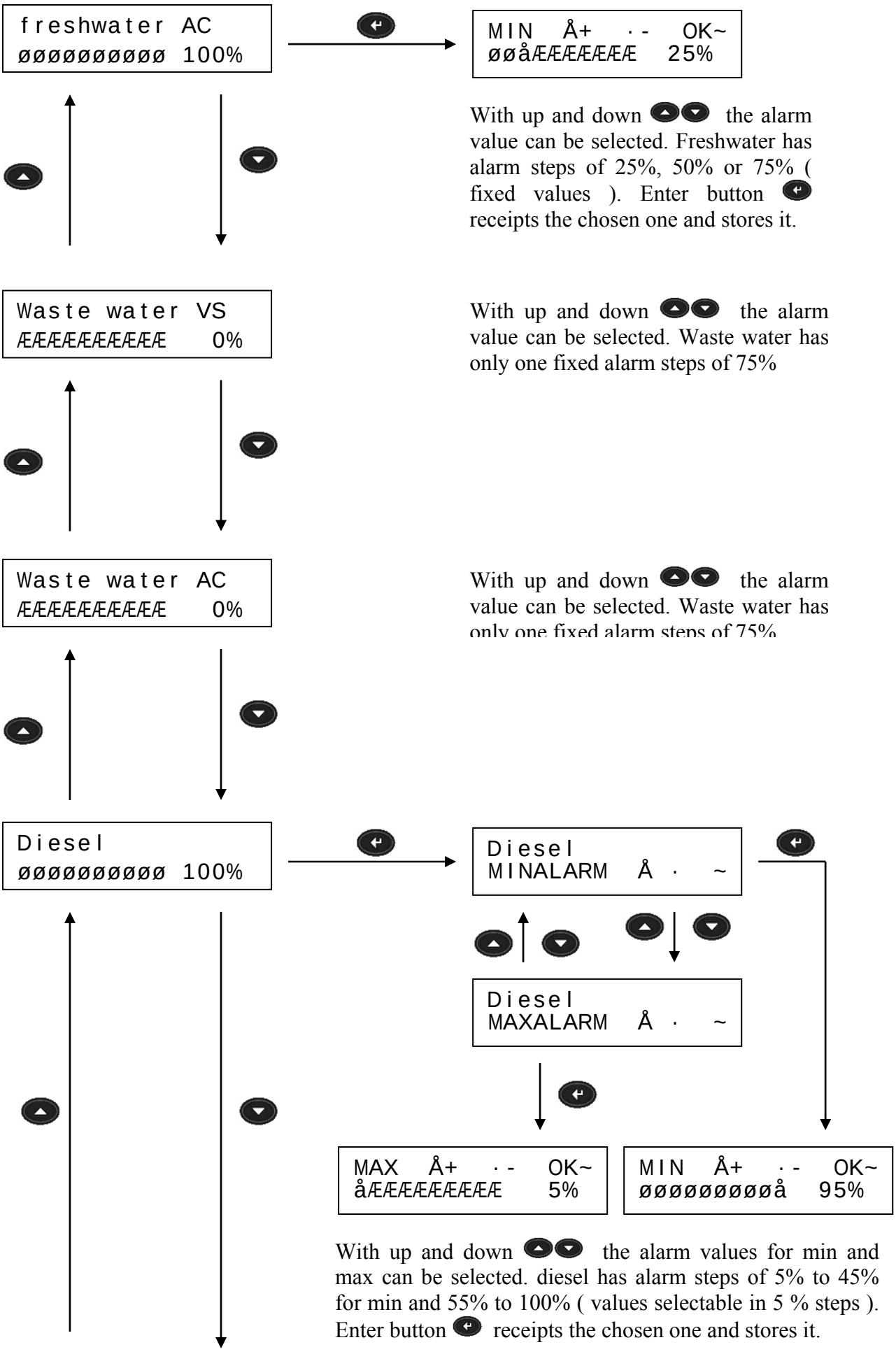
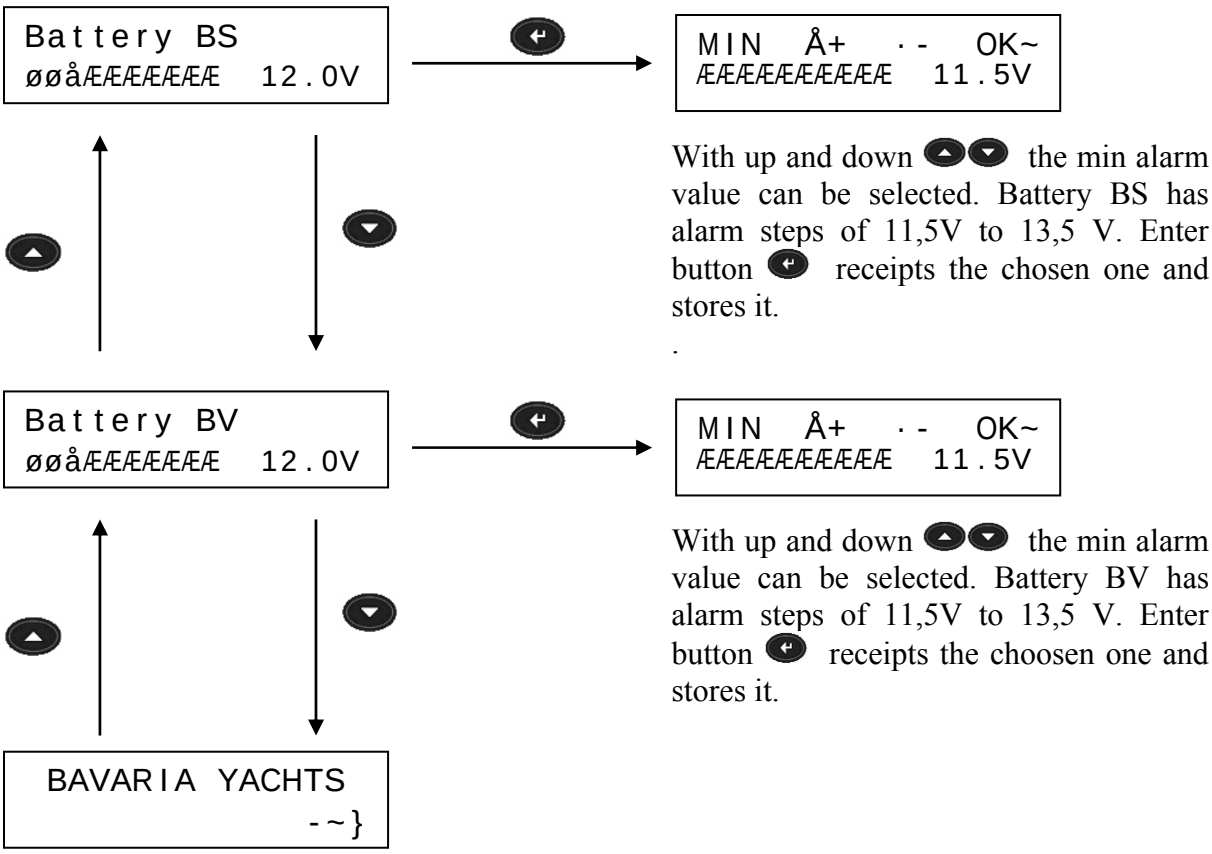
If there is no alarm status and the switches are in OFF state the display remains with this indication. Same behaviour is found if an alarm is recognized, shown on display receipted by enter button.

Next Stepp is to scroll down or up in the menue: First ist he selection of language which can be followed in the little schematic




freshwater AC
øøøøøøøøøø 100%
MIN Å+ ·- OK~
øøåÆÆÆÆÆÆÆ 25%
With up and down the alarm value can be selected. Freshwater has alarm steps of 25%, 50% or 75% (fixed values). Enter button receipts the chosen one and stores it.
Waste water VS
ÆÆÆÆÆÆÆÆÆ 0%
With up and down the alarm value can be selected. Waste water has only one fixed alarm steps of 75%
Waste water AC
ÆÆÆÆÆÆÆÆÆ 0%
With up and down the alarm value can be selected. Waste water has only one fixed alarm steps of 75%
Diesel
øøøøøøøøøø 100%
Diesel
MINALARM Å · ~
Diesel
MAXALARM Å · ~
MAX Å+ ·- OK~
åÆÆÆÆÆÆÆÆ 5%
MIN Å+ ·- OK~
øøøøøøøøøå 95%
With up and down the alarm values for min and max can be selected. diesel has alarm steps of 5% to 45% for min and 55% to 100% (values selectable in 5 % steps). Enter button receipts the chosen one and stores it.



If following symbol is displayed -~} charging of battery is indicated.

A red LED left of display will flash if an alarm is active. On the display the menue is shown which has raised the alarm. Parallel a flashing exclamation mark next to the beacon on the display occurs.
To receipt the alarm the enter button
Has to be pushed for 2 sec.. The text „Alarm“ on the display shows that the alarm has been recognized but not resetted. If malfunction is cleared alarm disappears.