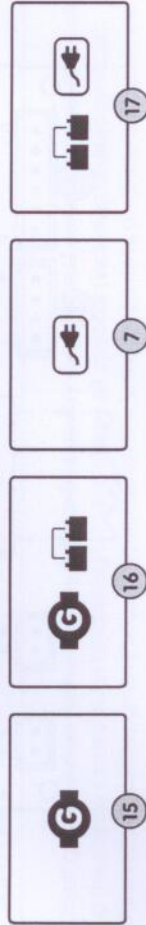


"PC-250EM" CONTROL PANEL VISUALIZATIONS

MAIN VISUALIZATION



AUTOMATIC VISUALIZATIONS (main switch is off)



- 1) Clock digital display.
- 2) Date digital display.
- 3) "B2" leisure battery status display.
- 4) It shows the leisure battery (B2) test, the blinking indicates the discharged battery alarm.
- 5) It shows the car battery (B1) test, the blinking indicates the discharged battery alarm.
- 6) It displays the batteries' paralleling when engine is on or with car battery recharging unit.
- 7) It displays that the 230V net is connected.
- 8) It displays the recharging through solar panel (possible with a CBE solar regulator only).
- 9) It displays that the main gas bottle is empty.
- 10) It shows the waste and auxiliary (optional) water tank test, the blinking indicates the full tank alarm.
- 11) It shows the drink and auxiliary (optional) water tank test, the blinking indicates the empty tank alarm.
- 12) Drink water tank status display.
- 13) It displays that alarm clock is activated.
- 14) The blinking indicates a system anomaly. Disconnect and reconnect the negative end of the B2 leisure battery; if the problem is not solved contact the local representative.
- 15) It displays that the vehicle key is in the ignition position
- 16) It shows the connection of the batteries in parallel (see "LEISURE BATTERY RECHARGE (B2)").
- 17) It shows the recharge of the car battery "B1" (see "CAR BATTERY RECHARGE (B1)").

FUNCTIONS

START ALARM

Alarm signals acoustically and visually with the message "230V CONNECTED!" and then blinking of symbols ref. 08 and 09.

Alarm is activated also with panel off when, while connected with the 230V net, start key is operated.

EXTERNAL STEP ALARM (with ignition on)

Alarm occurs also when panel is off if external step is out and ignition is operated.

Alarm is shown acoustically and visually with the message "STEP OUT".

CAR BATTERY ALARM (B1)

When car battery voltage is lower than 12V, the "MOTOR B. DISCHARGE" alarm is activated automatically and symbols ref. 07 start blinking.

CAR BATTERY RECHARGE (B1)

With battery charger or solar panel: an electronic device controlled by the microprocessor allows the recharge (max 2A) of car battery (B1) only if the voltage of leisure battery is bigger than 13.6V. If the voltage of leisure battery is lower than 12.6V, the electronic device is automatically deactivated. Priority is given to leisure battery (B2) charge.

Function is displayed by the symbol ref. 08 on control panel.

With solar panel the device is operated only when control panel is on, when 230V net is connected the device is automatically operated.

LEISURE BATTERY ALARM (B2)

When leisure battery voltage is lower than 11.5V, "LEISURE B. RESERVE" is automatically activated together with symbols ref. 06 blinking.

When leisure battery voltage is lower than 10.5V, "LEIS. B. DISCHARGE" alarm is activated.

LEISURE BATTERY RECHARGE (B2)

a) through engine alternator: through separative relays when engine is on. The ignition electronically controls the relays: parallel, fridge, awning light, etc.

b) through 230V net: pad system through battery charger.

c) through solar panel: through solar charge regulator.

MINIMUM VOLTAGE CONTROL (BATTERY PROTECTION)

The electronic battery protection device cuts off the 12V users when leisure battery reaches 10V and disables: pump, lights, awning light, RH exit and stove.

The alarm is signalled visually with the message "BATTERY SAVER".

It is possible to reactivate all users for one minute by pressing the on/off button (ref. 01 on control panel) or separately by pressing the related control button.

The control panel automatically turns off with a voltage lower than 9.5V.

Users are automatically reactivated when voltage is bigger than 13.5V.

This device doesn't control the functions: fridge, step and the auxiliary exit AUX.

TANKS

a) Drink water tank with electronic probe: levels are displayed numerically in % and graphically with represented tank filling and graphically with represented tank filling.

b) Waste water tank: three level probe: visualization in "%" with numerical indication (30-70-100%), and graphical with represented tank filling.

c) Auxiliary (optional) water tank with electronic probe: levels are displayed numerically in % and graphically with represented tank filling and graphical with represented tank filling.