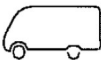









Activation of Optional settings on SCHAUDT DT201 Control Panel

1. With the system switched off, press and hold the MENUE and OK buttons until '----' appears on the display.
2. Press the 'OK' button so that the first digit flashes with a number.
3. Use the '+' and '-' buttons to change the value of the digit.
4. Press 'OK' to change to the next digit.
5. Use the procedure above to enter a pin number of 8251 (Hymer) or 2291.
6. If the pin number is correct the screen will show a number of flashing icons. If the pin number is incorrect the screen will go blank.
7. The display shows two 4 digit numbers. The top number is the value you are about to set. The bottom number is what the current setting is.
8. To determine the number to program you need to decide on the features you want enabled from the table below.

Symbol	Function	Value to add
	Step Alarm	1
2	Duomatic/Secumotion (Gas) + Eis-Ex (De-Icer)	2
 Solar	Display of Solar Current	4
	Fresh Water tank sensor 1	8
	Fresh Water tank sensor 2	16
3	Triomatic (Gas) + Eis-Ex (De-Icer)	32
	Waste Water tank sensor 1	64
	Waste Water tank sensor 2	128
	Water pump function	256
	Waste water tank heating	512

9. When you have decided what features you want, add up the values to give the final figure. You may want to consider including the items that are already selected (e.g. the step alarm is on by default). For example, Step alarm would be 0001 (the default setting) and Step alarm and Solar display would be 1+4 = 0005.
10. Press 'OK', then use the '+', '-' buttons to set the value of the top number to the number calculated – use the 'OK' button to move between digits.
11. When the last digit has been confirmed with the 'OK' button the number is permanently stored in the panel and the display turns blank again.
12. If you want to double check the stored number, enter the Pin number as above and view the bottom number shown on the display.

Some Schaudt control panels feature the ability to calculate the remaining battery capacity. This feature is useful to keep track of the approximate amount of remaining battery. It should be noted, that while this feature is useful, it is not 100% accurate due to the way in which the panel monitors the battery voltage and current. We would recommend that this figure is only used as a guide figure along with the battery voltage.

Many people have problems with this display showing erroneous figures. This is often easy to tell as the battery capacity display shown in amp hours has a question mark next to it. If this is the case, then there are a number of solutions:-

1. The battery voltage or current measurements are intermittent or incorrect. If a panel cannot accurately measure the voltage and current it cannot calculate how much of the capacity has been used. These problems are often caused by short circuits or broken wires in the connecting cable between the EBL and the control panel. This cable should be tested with a multimeter. It should be noted that if this is the problem, and the battery capacity display is reset as below, the problem will reoccur because the panel is not measuring the values correctly.
 2. The settings for the battery capacity have been lost or are incorrect. The 'nominal installed capacity' for the living area battery needs to be set in the menu on the control panel. This is achieved by holding the menu button for 3 seconds when the battery voltage display is active.
 3. The panel has lost the ability to calculate the available capacity because it has 'lost track' of the charge profile of the battery. The user manual has a small, but subtly hidden, statement on how to resolve this. It states "the maximum capacity is recalculated after each complete charge/discharge cycle". In order to activate this, the vehicle should be disconnected from the hook-up/mains, the control panel switched on and a number of lights or other power using devices switched on. The system should be left like this until the batteries are completely discharged and the control panel turns the entire 12V system off. The hook-up/mains should then be connected to the vehicle, the mains battery charger switched on and the control panel switched on. The system should then be left to fully charge the batteries – at least 24hrs. Once the batteries are fully charged the control panel should then be able to recalculate the available capacity and the question mark display should disappear. This may not happen immediately after the batteries are fully charged so please allow up to one day.
3. If none of the above have resolved your issue then there may be a problem with either your EBL unit or the control panel. However this is rare so please check the above items carefully first. You can send these items to us for testing and repair – please contact us for more details.