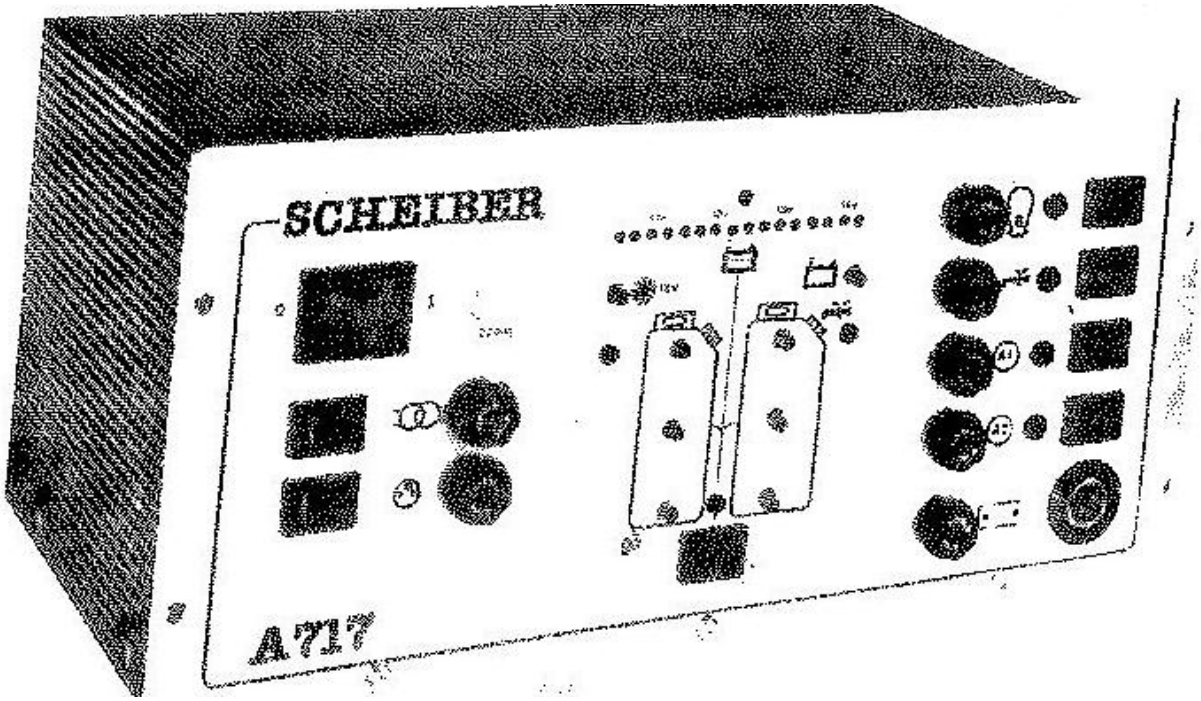
Scheiber A717 Control Panel



Dimensions : 340 x 175 x 230mm

Weight: 8Kg

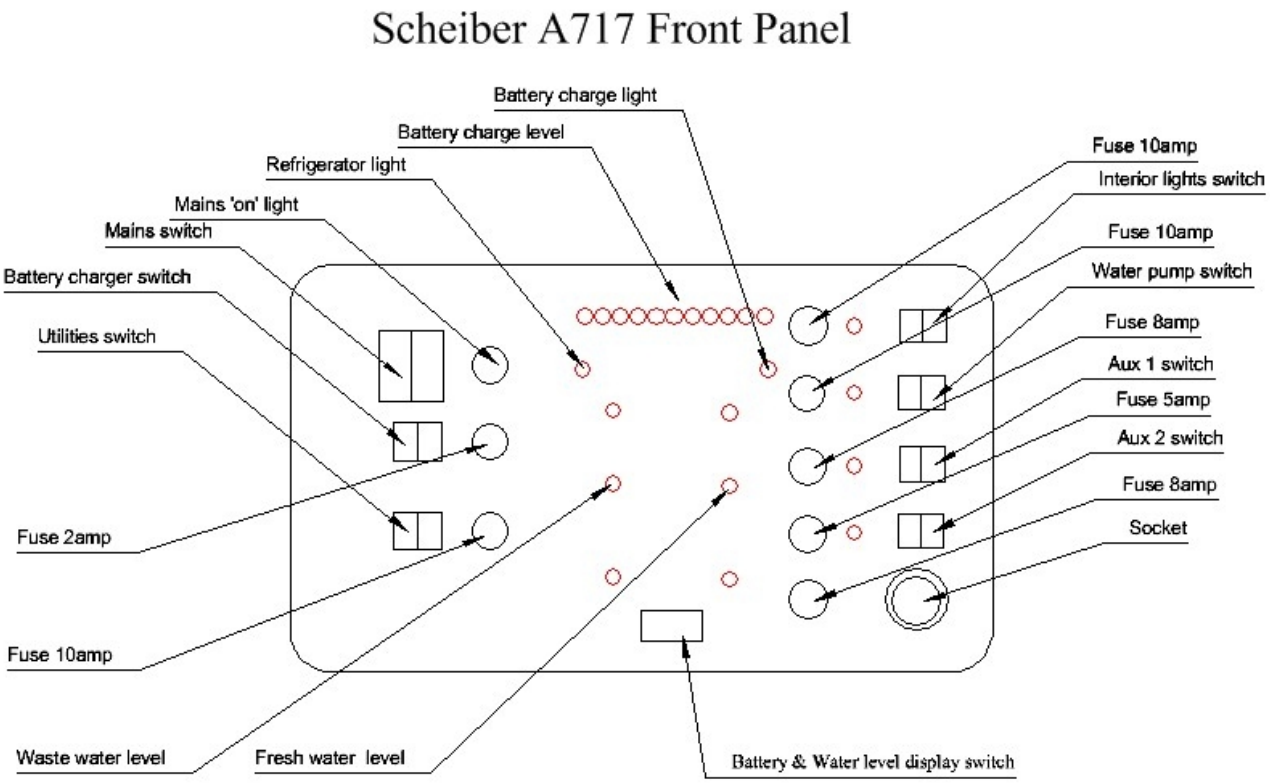
Power requirements: 180W at 12V

Battery charger: 8amp maximum with automatic charge control

Provision for using 2 batteries with separate splitter

Facia the same as model F716

Description of Functions



a - With battery

- All the 12v circuits are run directly from the battery. The circuits are protected as follows:

Lighting	Fuse 6.3 x 32 10amp
Pump	Fuse 6.3 x 32 10amp
Auxiliary 1	Fuse 6.3 x 32 8amp
Auxiliary 2	Fuse 6.3 x 32 5amp
Socket	Fuse 6.3 x 32 8amp

- The 'Auxiliary 2' circuit is permanently connected to the battery. It should be used for items that require a filtered supply e.g. television, radio etc..
- The socket is 12 volt output centre positive, outside negative. Maximum 100 watts

- The 'Battery level indicator' gives an indication of the level of charge in the battery. If the indicator enters the red zone stop using any 12 volt apparatus immediately to avoid non-starting of the engine (single battery only).
- To limit the discharge of the battery the refrigerator will not run on 12 volt until the engine is started. The 'Refrigerator light' indicates when it is running.
- The two water level indicators give an estimation of the levels in the fresh water and waste water tanks. To obtain a correct reading the vehicle must be level.

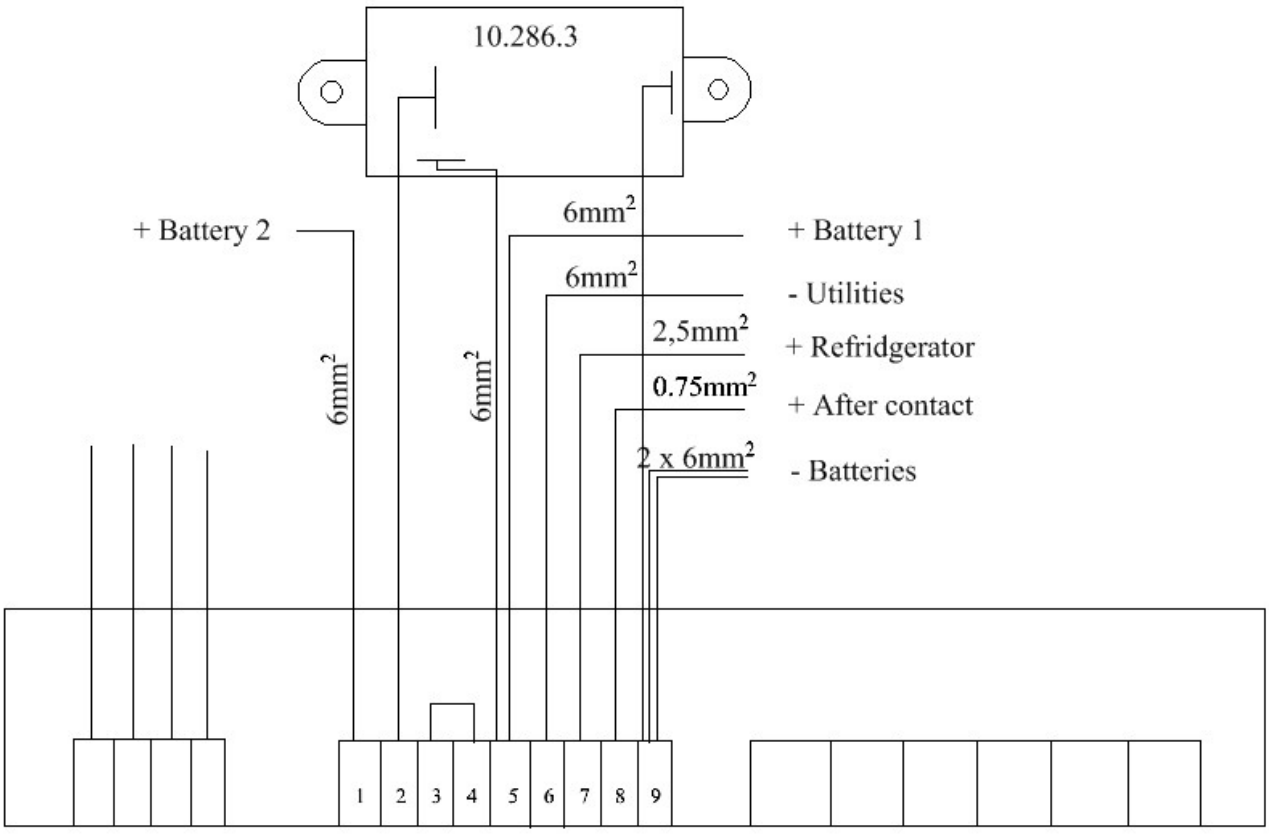
b - With 220v connected

- When the 220 volt line is connected the 'Mains switch' is illuminated.
- The 'Mains switch' is bi-pole, cutting both negative and positive.
- The 'Battery charger switch' switches on the charging circuit. It is protected by a 2amp fuse
- The 'Utilities switch' powers the 220 volt items e.g. refrigerator, plugs etc. Protected by a 10amp fuse, permitting a draw of 2200 watts.
- The 12 volt circuits are maintained by the battery charger which has an output of 8amps. The 'Battery charge light' indicates when the charger is in use. The charger will start re-charging automatically when the charge level in the battery drops.

Mounting of two batteries with splitter 10.286.3

The addition of battery splitter 10.286.3 allows:

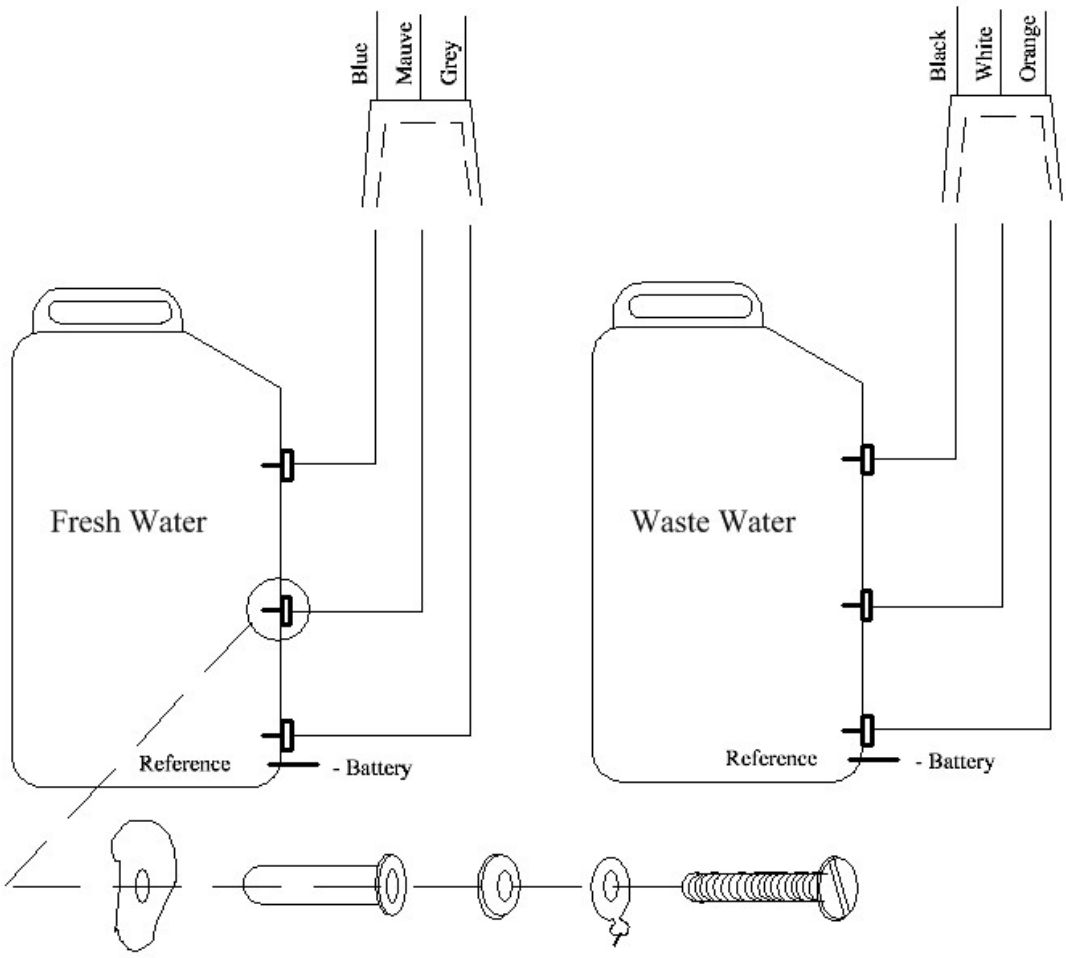
A) The re-charging of the auxiliary battery from the vehicle alternator. The vehicle battery has priority over the the auxiliary battery.
B) The use of both batteries until they reach a pre-determined charge level, following which, the vehicle battery will be isolated to ensure sufficient charge for starting.
C) The re-charging of both batteries from mains power. Priority is given to the auxiliary battery before the vehicle battery (there is built in protection to prevent damage to the alternator).



Connection to A717 (top view)

Position connecting strap between sockets 3 & 4

Mounting of Senders in Water Tanks

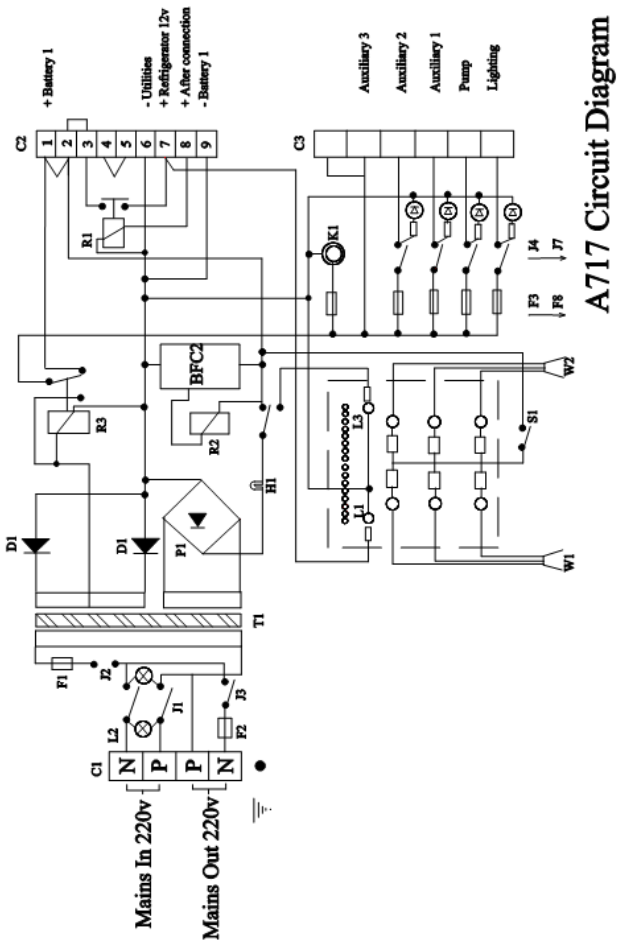


- Mark on the tanks the positions for the senders depending on the geometry and volume of the tanks. The reference input is always placed at the bottom of the tank (approximately 5cm from base)

- Position of senders:

  - Fresh water: 1/4, 1/2 and 3/4 of height of tank
  - Waste water: 1/4, 1/2 and 3/4 of height of tank

- Crimp a cable (0.75mm2) to the output of each sender. Use different colours to facilitate repairs.
- Track the six cables back to the A717 unit
- Crimp the appropriate tabs to the ends of the cables and put them in their respective connectors matching the colours to the diagram above.



Note: Diagram shows connections for 1 battery. For 2 batteries see diagram on page 4