Manual for upgrading aquastream XT pumps to aquastream ULTIMATE

Dear Customer,

thank you for purchasing an aquastream ULTIMATE upgrade kit. This set can be used to upgrade your existing aquastream XT pump to an aquastream ULTIMATE pump and benefit from extensive controlling and monitoring features.

Scope of delivery
1x aquastream ULTIMATE controller, pre-assembled in red plastic housing
1x aquastream ULTIMATE manual

Important information: Please note that only original aquastream XT pumps manufactured by Aqua Computer GmbH & Co. KG can be upgraded using this upgrade kit.
Neither Eheim 1046 pumps (230 V or 110 V) nor any other 230 V or 12 V pump can be used with this kit! Very old aquastream pumps (non-XT) additionally require a modified pump impeller (no. 41065) as well as an USB cable!

1. Remove the controller cover
Remove the yellow controller cover including the controller board from the pump housing. To do so, insert a small flat head screwdriver to release the clips of the rear cover from the slide tracks on the side of the pump housing.
Detach the two pin connector on the lower right side of the controller board (temperature sensor).

2. Cut and strip the pump motor power leads

Cut the pump motor power leads at a distance of approx. 10 cm (4 in) from the pump housing. Strip the insulation from the last 5 mm (3/16 in) of each lead.

3. Connect the controller board

Insert one stripped motor power lead into each of the two cable clamps on the controller board while pressing down the corresponding release tab using a small screwdriver or a ball point pen (see figure). There is no polarity to respect.
Connect the temperature sensor connector to the pins of the controller board. Again, there is no polarity to respect.

4. Attach the controller board

Gently push the red controller cover onto the rear of the pump housing. The controller cover will lock into the slide tracks on the side of the pump housing.

Your pump is now ready for operation. Please refer to the manual of the aquastream ULTIMATE pump for initial operation and setup of the pump.
The manual as well as the aquasuite software can be found in the Support/ Download section of our website http://www.aqua-computer.de .