

Instructions for Use

TetraAqua[®] pH/KH Plus

Safe adjustment of optimum pH and KH values

Carbonate hardness (KH) and CO₂ content determine the pH value of aquarium water. If the CO₂ value remains constant, the pH value can only be changed by influencing the carbonate hardness.

For special freshwater aquaria, such as those containing Malawi and Tanganyika cichlids, increasing the carbonate hardness, and hence the pH value, is important in the creation of optimum water conditions similar to those found in natural surroundings. In comparison to most other freshwater fish, which can be kept in water with a carbonate hardness of between 3 and 10° dKH, these cichlids are suited to higher carbonate hardness values (approx. 10 to 15° dKH) and prefer pH values of 7.5 to 8.5.

In marine water, carbonate hardness losses (KH below 7° dKH) can be compensated using TetraAqua[®] pH/KH Plus, while the carbonate hardness can be increased to the set point of 8 to 10° dKH.

How TetraAqua[®] pH/KH Plus functions

- Very easy and controllable increase of carbonate hardness to recommended or planned values, thus increasing the pH value. The carbonate hardness in fresh water should not fall below 2 to 4° dKH.
- Increases the pH value in fresh water to over 7.5.
- Compensation of carbonate hardness losses that occur in highly populated aquaria through nitrification.
- Increased carbonate hardness improves the buffer capability of the water, thus preventing an acid collapse.
- Acute treatment of an acid collapse (KH of 0° dKH and pH value under 5) through the rapid increase of the carbonate hardness to values of at least 2 to 4° dKH.
- Gentle treatment, harmless to both fish and plants.

Simple Use

Determine the most important water values, in particular the carbonate hardness and pH values, using the *Tetratest* programme.

If the pH value in a freshwater aquarium is below 7.5, or if the carbonate hardness is below 2 to 4° dKH (or in Malawi/Tanganyika tanks below the normal values), use a maximum of 1 cap (=15 g) of Tetra pH/KH Plus per 100 litres of aquarium water every 2 or 3 days. The powder should be dissolved beforehand in a small amount of aquarium water. The carbonate hardness is then increased by 5° dKH. If a smaller increase in carbonate hardness is required, please use the dosage spoon. The spoon holds 1.8 g of powder, which increases the carbonate hardness by 0.6 ° dKH per 100 litres of aquarium water. TetraAqua[®] pH/KH Plus should be added until the desired carbonate hardness, and therefore the optimum pH value, has been reached.

The adjustment of carbonate hardness values in marine aquaria is carried out in the same way as described above.

Keep out of reach of children!

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