

CarSteen CS-4.2 Controllers



How to get the most out of your CarSteen-controller:

Start with “Attack” and “Choke”-controls set to “Min”, “Brake”-control set to “Max”, and the “Profile”-switches in the “Off”-position. The Choke-switch and the Anti-brake-switch should be “Off”.

Push the trigger so the car starts to run around the track. Adjust the “Attack”-knob so the car is able to run around the track at the highest possible speed without coming off. Keep in mind that the Attack-adjustments might vary between the middle- and outer lanes.

The “Brake”-control should be adjusted to suit the car, the track and the driving style. Very often it pays off to turn down the brakes in order to get a smooth, easy controllable driving.

For cars with very strong mechanical brakes (typical X-12's) the Anti-brake can be switches on. The Anti-brake will give some current to the motor, which will compensate for the strong mechanical brakes. This make it easier to driver through the corners, and limits the risk of not hitting the brake-points.

The “Choke 1”-control is limiting the maximum voltage the car will see, thereby also limiting the acceleration and making the car easier to drive.

The “Choke 2” is adding resistance to the controller, which is then reacting to the amount of current the car is pulling. This is limiting the torque of the motor, which is limiting the wheel-spin and making the car easier to drive.

The “Profile”-switches are able to change the overall response of the controller trigger.

A “soft” response is a response where the first steps of the trigger are very small and the last steps are somewhat larger, while the aggressive response is making the first step larger, and the last steps smaller.

There are 4 switches in total: #1 from the left is making the trigger more “aggressive”, while #2-4 is making the trigger-response “softer”.

Never switch #1 on at the same time as #2-4 is on. There will be no damage, the controls will just not work as intended.

The softer trigger-response is very useful when driving fast cars on tight, twisty tracks, where low-speed and medium-speed control is essential.

When Profile-controls #2, 3 and 4 are all switched on the response of the trigger is such that each step of the trigger is adding or subtracting almost the same percentage of voltage, i.e. 5% or 8% . .

The CarSteen CS-4.2 controller is protected against faulty hook-up. The internal electronics are able to withstand very high currents (several hundred amperes).

Your CarSteen controller is only requiring limited maintenance. Clean the trigger-path with a bit of Contact-cleaner or Braid-Juice, wipe the excess away with a piece of cloth. Add a couple of drops of oil and remove the excess with a finger.

Should you encounter problems please contact your dealer, who will help you to solve the problem.