

SpeedFlow Wireless controller V2.x / Eco Wave 3.15

Technical data

Run-time continuous operation	about 84 hours with 2 x Duracel industrial AAA
Survival in the standby	approx. 9 months
Power consumption when OFF	Real power separation. No consumption
Power consumption in standby	about 200 μ A
Power consumption in operation	approx. 16 mA

Operating instructions

Setting the channel to use and connect with the receiver

Switch the controller off. Recipient select the desired channel to the Carrera. During power-up hold the switch button on the controller. Receiver acknowledges the programming with the "7-segment run". Controller ready to go.

The configuration mode

Control was connected with receiver. Switch the controller off. Regulator gas completely by pressing hold and hold switch button and then turn on controller. LED goes on. To let go of the switch button and trigger the configuration begins.

The configuration is done based on the SpeedFlow box programming

The selection of the desired configuration value is done by briefly pressing of the switch button. Storing the value selected is carried out by the LED hold acknowledged storing the Lanechange-button, to a rapid Flash. After that, the next configuration option is indicated by flashing. The following configuration options are available.

Number of speed levels

- 1 x Flash - original Carrera 16 speeds
- 3 x Flash - Speedflow regulation 30 speeds
- 4 x blinking - Speedflow Regulation 44 speed steps

Selection: press

Save: pressing, until LED flashes rapidly.

Launch control active or switched off

- 1 x deactivated
- 2 x flashing launch control is available

Selection: press

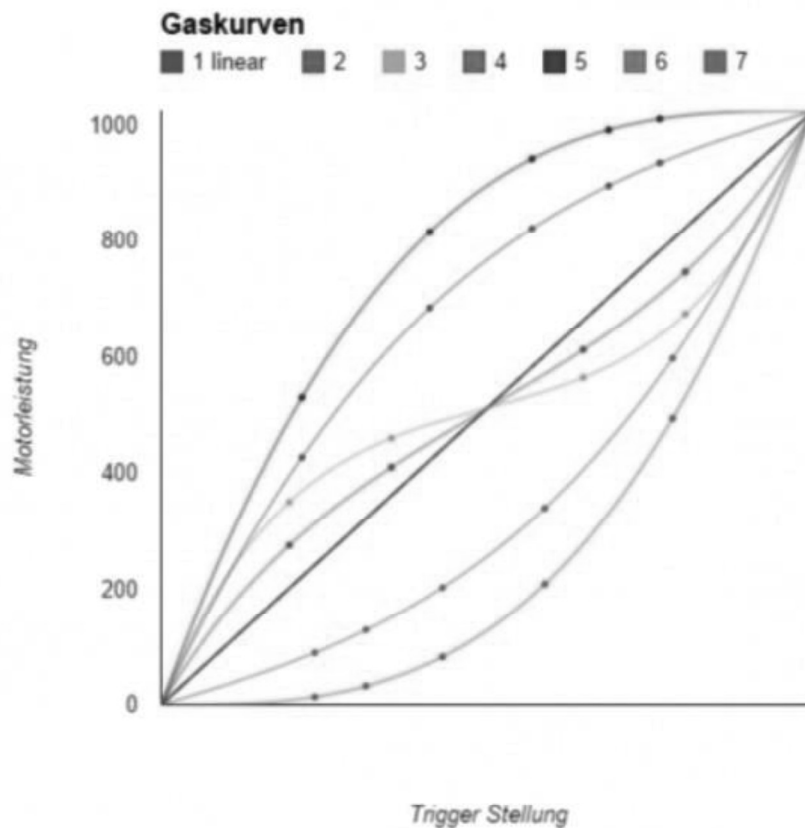
Save: pressing, until LED flashes rapidly.

Select performance curve

Here, the translation of the trigger position in the performance level of the car can be set. Specifies the number of flashes which curve is selected.

Selection: press

Save: pressing, until LED flashes rapidly.



1 linear

2 and 3 more sensitive dosage possible in the medium speed range, powerful start and strong influence at the end of the control range

4 and 5 more sensitive dosage possible in the high speed range and powerful start already with little pressure

6 and 7 more sensitive dosage possible in the low speed range

Select trigger position from which the car starts

You can also check the current position. If the trigger is on less gas than the the car would currently start driving, the LED is off.

If you press it further than the starting point lights up the LED.

The new start position is set by holding the trigger in the desired position.

Position and long pressing of the soft key until the LED flashes rapidly to indicate that the storage

Set trigger position from which the car drives at full throttle

It is best to select a position just before "fully depressed". The check of the set

Full throttle position is identical to the check of the start position. If the trigger is less pressed the LED does not light up, if it is pressed further it is on. The setting of the new drive-off

position by holding the trigger in the desired position and pressing the

Soft key until the LED acknowledges the storage with fast flashing.

Programming completed

The programming can be ended prematurely at any time by switching off the controller. only already acknowledged values are changed.

Resetting to basic setting

Switch off the controller. Keep trigger and turnout button pressed while switching on and continue to press both

for about 10 seconds. The controller acknowledges the reset after about 8 seconds with

a steady flashing signal. Now the controller can be switched off and on again.

It was reset to the factory settings. It must then be reset to the desired receiver can be learned.

For configuration, the controller must first be connected to the receiver must be active during configuration.

When switching on, the number of flashes tells you on which channel it is programmed.

If the controller is active, the LED flashes at regular intervals. The emptier the batteries become more often the LED flashes. If batteries are in use, it should be switched on at 2-3 flashes per second to the

Replace the batteries. When using rechargeable batteries, recharging should already be

flash per second should be taken into consideration, otherwise the batteries can be deeply discharged.

Standby / power saving mode

After 5 minutes without use, the controller goes into sleep mode. This reduces the power consumption to an eightieth. So it is not so bad if you forget to switch off.

How do I find out on which channel my controller is currently programmed?

Just count the slow flashing signals when switching on. The number corresponds to the channel number

Why does my controller react only after 2-3 seconds after switching on?

The controller shows its channel number only by flashing signals after switching on. Only then is it ready to start.

How do I wake up the controller from sleep mode (power save mode)?

In order to enable this strong reduction of the power consumption, it was necessary to do without the throttle control in sleep mode. This means that only pressing the soft button wakes the controller up again.

Alternatively: switch it off and on again.

Subject to technical changes - status November 2020

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