

Single Speed Controller



This controller (up to 6 units) allows you to send any car around the race track at a fixed speed.

Besides the speed, a switch "Switch" push button can be controlled (or if the car is stationary the light).

The car can also be stopped immediately ("Stop" push button) or started again with the "Go" push button (it then continues driving at the set fixed speed).

There is also a "DRS" push button to go directly to maximum speed.

(As long as this button is pressed, the maximum speed is active).

Single Speed Controller

This controller can also be combined with the "Dual Speed Controller" however, the interconnection of the signals is then possible but with a different type of connection (on the side of the "Dual Speed Controller").

The controller is connected with the supplied cable (1 metre) to the dedicated RJ11 sockets of the CU 30352 or Black Box 30344, i.e. to 1, 2, 5 or 6.



3 and 4 are only available via the special adapter 30348.
(connection to 1, with 1, 3 and 4 then available via 30348)



Combined use with wireless hand controllers:

If wireless hand controllers are also used, they will only work if no wired controller is connected.

Example 1:

A receiver is connected to port 1, set to controller with ID-1 and ID2, Ports 5 and 6 can be used for a Speed Controller, but port 2 cannot.

Example 2:

You have adapter 30348 connected to port 1, a receiver is connected to port 2. A Speed Controller can be connected to ports 1, 3 and 4 as can ports 5 and 6. A hand controller can then be connected to ID-2

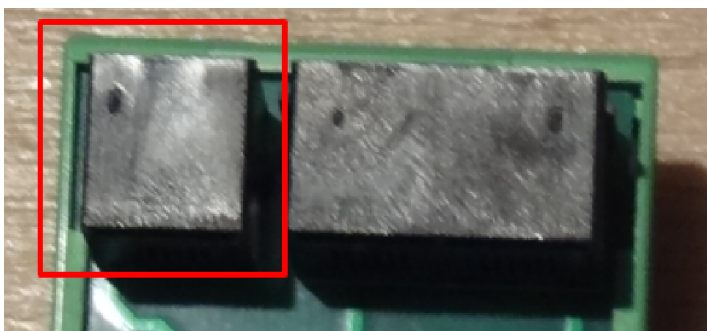
With this method, you can still race 6 cars alone.

Besides this connection, this controller can be linked to the other controllers, where the functionality is to stop and/or drive all cars via one controller, but also the "Switch" function can be linked, e.g. to switch the light on or off at once.

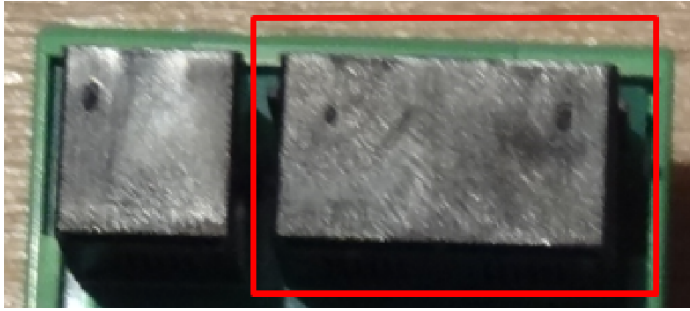
Using this coupling, the functions can also be switched remotely and/or via a relay contact.

Connections:

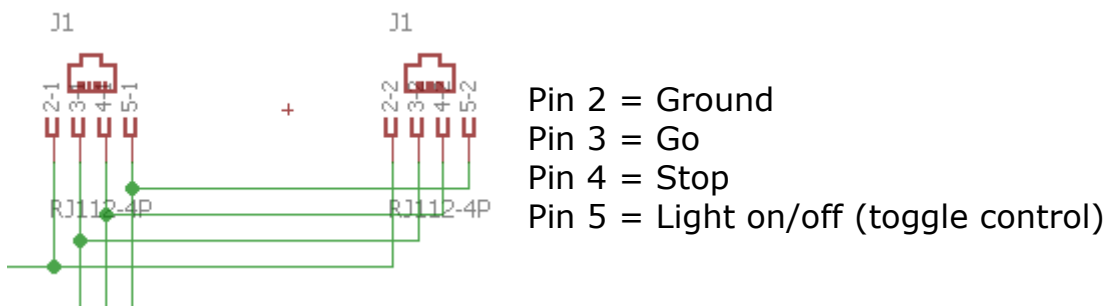
All connections can be made via an RJ11 cable (supplied 1x 1 metre, 1x 0.5 metre), so Plug & Play.



The single RJ 11 is connected to the CU 30352/ Adapter 30348.



This connection is for looping through to the next controller.
But can also be used to externally pass on the following 3 switching options to all controllers



Leds:

Yellow = Controller is connected (Voltage present)
Red = Controller is in "Stop" (car is not moving)
Green = Controller is in "Go" (car drives at set speed)

Operation push buttons:

Grey = Light on/off and or switch activate
Blue = DRS function (Dipswitch S4 must be set to On)
Green = Activate Go
Red = Activate stop

Rotary knob:

This is available in 6 colours: (specify when ordering!)

- Red
- Yellow
- Blue
- Green
- White
- grey

Dipswitch:

Sets different preference settings.

S1 = Start is passed to the other connected controllers.

S2 = Stop is passed to the other connected controllers.

S3 = Light on/off is transmitted to the other connected controller.

S4 = DRS function can be activated.

Implementation:

The controller is in a housing, which can be clicked onto a DIN rail.
The top side is completely open.



Dimensions:

W x H x D (mm).
45 x 78 x 45

Scope of delivery:



1x Single Speed Control
1x RJ11 cable 1 mtr.
1x RJ 11 cable 0.5 mtr

Connection to CU 30352 and/or 30348 adapter

This connector is actually intended for an Asymmetrical locking RJ11 plug, however the cable supplied does not have this. Nevertheless, it fits and is still sufficiently clamped.

Important note:

Use of this controller is entirely at your own risk, damage to Carrera products or subsequent damage to other used products are not covered by any warranty. The controller has a standard 2-year warranty for the operation of the product under normal use. The controller has only been tested on various CU 30352 and adapter 30348 from Carrera, use in combination with other units is entirely at your own risk. If you make your own modifications/modifications, all warranty is voided.