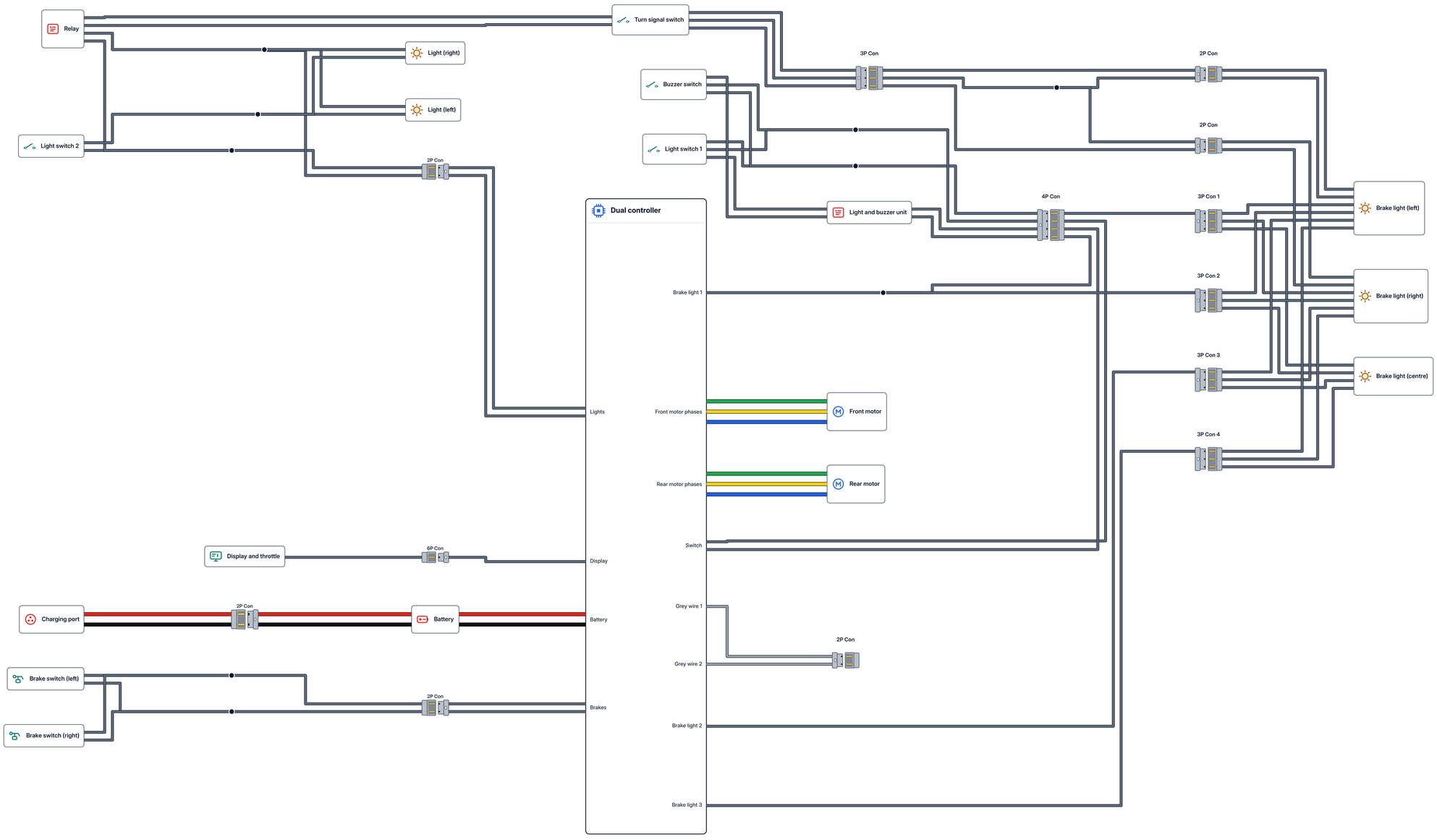
WIRING DIAGRAM

Speedway 5

FOHZSHOP.FR



WIRE COLOURS

- Black BK
- Green GN
- Yellow YE
- Blue BU
- Grey GY
- Colour not shown
- Red RD

CONNECTORS

Gold pins: male side. Dark sockets: female side.

Connector (type not shown)

Splice: wires are joined at this point

NOTES

1. Printed drawing, scanned in black and white. Only the battery, charge socket and motor wires and the controller's two grey wires have their colour written. Every other wire is in colour not shown.
2. The original gives neither the wire functions nor the pin numbers. The plugs are plain boxes marked 2P Con, 3P Con, 4P Con or 6P Con, with no type or housing colour.
3. The cable of the display with throttle, called instrument panel Throttle on the original, runs through the 6P Con plug and is drawn as a single line, without its wires.
4. The 3P Con plugs 1 to 4, numbered from left to right by their place on the original, each take in a single line and send out three, one to each brake light. The original does not say whether that line is a single wire.
5. The two grey wires leave the controller and meet through a 2P Con plug, a single line on each side. The original does not say what this link is for.
6. The original calls light switch 1 LIGHT S/W, light switch 2 LIGHT SWITCH and the light and buzzer unit LIGHT Buzzer, without saying what this unit does.
7. The original does not say where the left and right lights, called LIGHT Left and LIGHT Right, wired to light switch 2 are placed.
8. The charge socket is drawn round with three pins, one of which is not connected.
9. On the original, a junction is marked by a small circle or by a plain T. Wires that cross without a junction are not connected.

DOCUMENT

Based on the manufacturer diagram "Speedway-5 WIRING DIAGRAM".

Redrawn by FõhzShop on 1 November 2026.

Disconnect the battery before any work.

CONNECTOR PINOUT

Connector	To	Wire
Dual controller Front motor phases	**Front motor**	Green Yellow Blue
Dual controller Rear motor phases	**Rear motor**	Green Yellow Blue
Dual controller Grey wire 1	**2P Con**	Grey
Dual controller Brake light 1	**Splice**	Colour not shown
Dual controller Brake light 2	**3P Con 3**	Colour not shown
Dual controller Brake light 3	**3P Con 4**	Colour not shown
Dual controller Lights	**Splice** Connectors: Connector (type not shown) 2P Con	Colour not shown Colour not shown
Battery Output	**Dual controller** Battery	Red Black
Battery Charge	**Charging port** Connectors: Connector (type not shown) 2P Con	Red Black
Display and throttle	**Dual controller** Display Connectors: Connector (type not shown) 6P Con	Colour not shown · Wires not shown
Brake switch (left)	**Splice**	Colour not shown Colour not shown
Brake switch (right)	**Splice**	Colour not shown Colour not shown
Splice	**Dual controller** Brakes Connectors: Connector (type not shown) 2P Con	Colour not shown Colour not shown

Connector	To	Wire
2P Con	**Dual controller** Grey wire 2	Grey
Light switch 1	**Splice**	Colour not shown Colour not shown
Light switch 1	**Light and buzzer unit**	Colour not shown
Buzzer switch	**Splice**	Colour not shown Colour not shown
Buzzer switch	**Light and buzzer unit**	Colour not shown
Splice	**4P Con**	Colour not shown Colour not shown
Light and buzzer unit	**4P Con**	Colour not shown Colour not shown
4P Con	**Dual controller** Switch	Colour not shown Colour not shown
4P Con	**Splice**	Colour not shown
4P Con	**3P Con 1**	Colour not shown
Splice	**3P Con 2**	Colour not shown
3P Con 1	**Brake light (left)**	Colour not shown
3P Con 1	**Brake light (right)**	Colour not shown
3P Con 1	**Brake light (centre)**	Colour not shown
3P Con 2	**Brake light (left)**	Colour not shown
3P Con 2	**Brake light (right)**	Colour not shown
3P Con 2	**Brake light (centre)**	Colour not shown
3P Con 3	**Brake light (left)**	Colour not shown
3P Con 3	**Brake light (right)**	Colour not shown
3P Con 3	**Brake light (centre)**	Colour not shown

Connector	To	Wire
3P Con 4	**Brake light (left)**	Colour not shown
3P Con 4	**Brake light (right)**	Colour not shown
3P Con 4	**Brake light (centre)**	Colour not shown
Splice	**Light switch 2**	Colour not shown
Splice	**Relay**	Colour not shown Colour not shown
Splice	**Light (left)**	Colour not shown
Splice	**Light (right)**	Colour not shown
Light switch 2	**Splice**	Colour not shown
Splice	**Light (left)**	Colour not shown
Splice	**Light (right)**	Colour not shown
Relay	**Turn signal switch**	Colour not shown Colour not shown
Turn signal switch	**3P Con**	Colour not shown Colour not shown Colour not shown
3P Con	**2P Con**	Colour not shown
3P Con	**Splice**	Colour not shown
3P Con	**2P Con**	Colour not shown
Splice	**2P Con**	Colour not shown
Splice	**2P Con**	Colour not shown
2P Con	**Brake light (left)**	Colour not shown Colour not shown
2P Con	**Brake light (right)**	Colour not shown Colour not shown