

AiM InfoTech

RENAULT – Clio 5 Rally4

Release 1.00



ECU



1

Supported models and years

This user guide explains how to connect the vehicle CANbus to AiM devices. Supported models are:

- Renault Clio 5 Rally4 from 2019 onwards

2

Wiring connection

These models are equipped with a specific manufacturer protocol based on CAN. It is necessary to add a derivation of the D-Sub 9 connector of the keypad, as shown in the image, to be able to connect to the vehicle CANbus.

The connector on the car is a D-Sub 9, here below are connection table details.



D-Sub 9 pin nr	Function	AiM cable	AiM color cable
3	CAN Low	CAN –	Blue
4	CAN High	CAN +	White

3

Race Studio configuration

Before connecting the AiM device to CANbus, set all functions using AiM software Race Studio 3. The parameters to set in the device configuration are:

- ECU manufacturer: **RENAULT**
- ECU Model: **Clio 5 Rally4** (RaceStudio 3 Only)

4

“RENAULT – Clio 5 Rally4” protocol

Channels received by AiM devices configured with "RENAULT – Clio 5 Rally4" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
VehicleSpeed	Vehicle speed
Gear	Engaged gear
PedalPosFinal	Pedal position sensor
BrakePressFront	Brake pressure front
SteerWheelAngle	Steering position angle
CalSelect	Mode selection

Technical note: not all data channels outlined in the ECU template are validated for each manufacturer's model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.