

AiM InfoTech

Renault Clio R4 Cup 2014 – 2019

Release 1.01



ECU



1

Models and years

This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream. Supported models and years are:

- Clio 4 Cup IVth generation

2014 – 2019

2

Wiring connection

These models feature a specific protocol based on CAN, accessible through the 19 ways Souriau (C14) female connector placed on the right hand side of the car under the dash and next to A pillar.



For this installation, please refer to the following pinout of the 19 ways Souriau connector and to its connection table shown below.



Souriau 19 ways pin	Pin function	AiM cable	AiM colour cable
N	CAN High	CAN +	White
P	CAN Low	CAN -	Blue

3

Race Studio configuration

Before connecting AiM devices to the ECU, set all functions up using AiM RaceStudio 3 software. The parameters to set in the device configuration are:

- ECU manufacturer: **RENAULT**
- ECU Model: **CLIO R4 CUP** (RaceStudio 3 only)

4

“RENAULT – CLIO R4 CUP” protocol

Channels received by AiM devices configured with “RENAULT – CLIO R4 CUP” protocol are:

CHANNEL NAME	FUNCTION
RPM	RPM
GEAR	Engaged gear
Veh Speed	Vehicle speed
EngOilP	Engine oil pressure
AirCoolantT	Air temperature
BrakeSw	Brake switch
EngineCoolantT	Engine coolant temperature
FuelPress	Fuel pressure
Fuel Used	Fuel level
PPS	Pedal position sensor
SteerAng	Steering position angle
VBat	Battery voltage
WheelSpdFL	Front left wheel speed
WheelSpdFR	Front right wheel speed

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