

AiM InfoTech

RENAULT – Clio 5 Cup From 2020

Release 1.01



ECU



1

Models and years

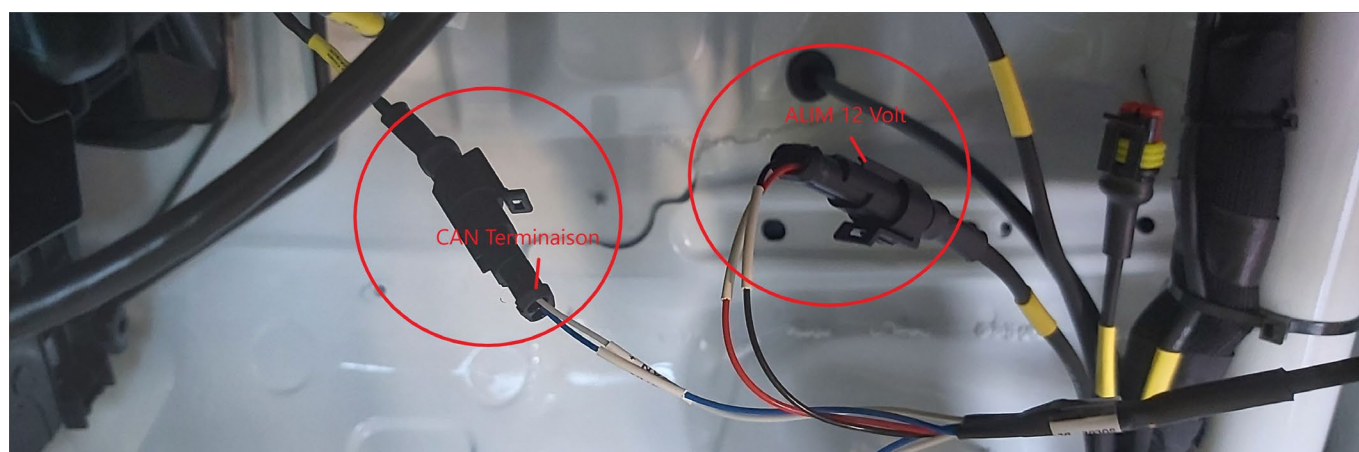
This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream. Supported models and years are:

- Clio 5 Cup – 5th generation from 2020

2

Wiring connection

These car models feature a bus communication protocol based on CAN, accessible through the AMP Superseal male connector labelled **"CAN Terminaison"** – whose part number is 282104 – placed on the passenger footrest area at the base of the A-pillar. To power AiM devices you must use **ALIM 12 Volt** connector located near **CAN Terminaison** connector. ere below are AMP connector pinout and its connection table to be used for the installation are shown.



"CAN Terminaison" pin	Function	AiM cable	AiM color cable
1	CAN High	CAN +	White
2	CAN Low	CAN -	Blue
"ALIM 12 volt" pin	Function	AiM cable	AiM color cable
1	V Battery	V Batt	Red
2	Ground	GND	Black

3

RaceStudio 3 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 5 CUP** (RaceStudio 3 only)

4

"RENAULT – CLIO 5 CUP" protocol

Channels received by AiM devices configured with "RENAULT – CLIO 5 CUP" protocol are:

CHANNEL NAME	FUNCTION
RPM	Engine RPM
Vehicle Speed	Vehicle speed
ThrottlePos	Throttle position sensor
Brake Switch	Brake switch
Gear	Engaged gear
EngCoolantTemp	Engine coolant temperature
EngChargeAirTemp	Intake air temperature
ExtTemp	External temperature
BaroPress	Barometric pressure
FLWheelPress	Front left wheel pressure
FRWheelPress	Front right wheel pressure
RLWheelPress	Rear left wheel pressure
RRWheelPress	Rear right wheel pressure
TripDistance	Distance
ManualShiftPos	Shift position
BrakeInfoStatus	Brake status

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.