

AiM User Guide

Mercedes AMG GT GT3

Release 1.00



ECU



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Supported models

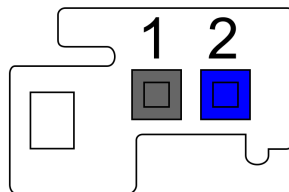
This user guide explains how to connect Mercedes ECU to **the new AiM devices that use AiM Race Studio 3 software only**. Supported model is:

- Mercedes AMG GT GT3

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Wiring connection

Mercedes ECU features a bus communication protocol on the gateway placed on the passenger side (right side) footrest area. Here is a two pins connector whose pinout is shown here below, front view. Bottom of it is connection table.



| Pin | Function | AiM cable |
|-----|----------|-----------|
| 1 | CAN High | CAN+ |
| 2 | CAN Low | CAN- |

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AiM device configuration

Before connecting the ECU to AiM device set it up using AiM Race Studio 3 software. The parameters to select in the device configuration are:

- ECU manufacturer "Mercedes"
- ECU Model "GT_GT3_042"

Please note: as said before this driver is at present only available on Race Studio 3 software.

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Available channels

Channels received by AiM devices connected to "Mercedes" "GT_GT3_042" protocol are:

| ID | CHANNEL NAME | FUNCTION |
|--------|---------------|----------------------------|
| ECU_1 | RPM | RPM |
| ECU_2 | Speed | Vehicle speed |
| ECU_3 | TPS | Throttle position sensor |
| ECU_4 | TPS_2 | Throttle position sensor 2 |
| ECU_7 | ACCY | Vertical acceleration |
| ECU_9 | Brake_press_F | Front brake pressure |
| ECU_10 | Brake_press_R | Rear brake pressure |
| ECU_13 | Fuel_press | Fuel pressure |
| ECU_16 | Gear | Engaged gear |
| ECU_19 | Mapping | Selected map |
| ECU_20 | PPS | Pedal position sensor |
| ECU_21 | Speed_fl | Front left wheel speed |
| ECU_22 | Speed_fr | Front right wheel speed |
| ECU_23 | Speed_rl | Rear left wheel speed |



| | | |
|--------|-------------|----------------------------|
| ECU_24 | Speed_rr | Rear right wheel speed |
| ECU_25 | Water_Temp | Engine coolant temperature |
| ECU_29 | Steer_angle | Steering angle |
| ECU_32 | Fuel_tank | Fuel tank |