



RemoteGP PC Configuration Tool Sample

MoTeC M1 Series ECUs

Description

These samples relate to the M1 Series ECUs by MoTeC. These ECUs transmit the *M1 General CAN* collection of messages, which can be read by the RemoteGP for controlling your camera system.

Note:

- These samples use MoTeC's default CAN Tx IDs (0x640 – 0x65F). Some firmware packages may have different message IDs, which need to be aligned for the samples to work. Similarly, the samples assume the default baud rate of 1 Mbps.

Samples

Filename	Description
MoTeC_M1_AntiLagSwitch.rgp	Anti Lag Switch recording trigger
MoTeC_M1_DriverRotarySwitch1.rgp	Driver Rotary Switch 1 recording trigger. Start recording when switch position ≥ 1 Stop recording when switch position < 1
MoTeC_M1_DriverRotarySwitch1_w_HiLightTag_VVeh.rgp	Driver Rotary Switch 1 recording trigger with Vehicle Speed message enabled. Start recording when switch position ≥ 1 Stop recording when switch position < 1 HiLight Tag every 1 km
MoTeC_M1_DriverRotarySwitch2.rgp	Driver Rotary Switch 2 recording trigger. Start recording when switch position ≥ 1 Stop recording when switch position < 1
MoTeC_M1_DriverRotarySwitch3.rgp	Driver Rotary Switch 3 recording trigger. Start recording when switch position ≥ 1 Stop recording when switch position < 1
MoTeC_M1_DriverRotarySwitch4.rgp	Driver Rotary Switch 4 recording trigger. Start recording when switch position ≥ 1 Stop recording when switch position < 1
MoTeC_M1_DriverRotarySwitch5.rgp	Driver Rotary Switch 5 recording trigger. Start recording when switch position ≥ 1 Stop recording when switch position < 1
MoTeC_M1_DriverRotarySwitch6.rgp	Driver Rotary Switch 6 recording trigger.

	Start recording when switch position ≥ 1 Stop recording when switch position < 1
MoTeC_M1_DriverSwitch1.rgp	Driver Switch 1 recording trigger ¹
MoTeC_M1_DriverSwitch2.rgp	Driver Switch 2 recording trigger ¹
MoTeC_M1_DriverSwitch3.rgp	Driver Switch 3 recording trigger ¹
MoTeC_M1_DriverSwitch4.rgp	Driver Switch 4 recording trigger ¹
MoTeC_M1_DriverSwitch5.rgp	Driver Switch 5 recording trigger ¹
MoTeC_M1_DriverSwitch6.rgp	Driver Switch 6 recording trigger ¹
MoTeC_M1_DriverSwitch7.rgp	Driver Switch 7 recording trigger ¹
MoTeC_M1_DriverSwitch8.rgp	Driver Switch 8 recording trigger ¹
MoTeC_M1_EngineSpeed.rgp	Engine Speed recording trigger Start recording when engine speed ≥ 1500 rpm Stop recording when engine speed < 100 rpm
MoTeC_M1_EngineState_LaunchSwitch.rgp	Engine State and Launch Switch used as the recording triggers. Recording will start when the engine state is <i>Run</i> and the launch switch is activated. After launching, the switch will become inactive. This means the recording will stop once the engine state is <i>Off</i> (engine stopped).
MoTeC_M1_HiLightTag_WarningSource.rgp	Warning Source configured as a HiLight Tag trigger. A tag will be dropped when a warning is generated by the ECU (i.e. becomes a non-zero value). Note: Warning Source must return to <i>None</i> (0) before another tag can be dropped.
MoTeC_M1_VehicleSpeed.rgp	Vehicle Speed recording trigger. Start recording when vehicle speed ≥ 50 km/h Stop recording when vehicle speed < 5 km/h

¹ This sample has been created for *Normal* type driver switches (momentary). For *Toggling* type driver switches, disable the latching function under the *Condition Logic* section.

