



CATTRON™

CANplus™ Panel API

CAN / Modbus / Version 1.0.3

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Revision History

| Revision | Date | Author(s) | Description |
|------------------|-------------|------------------|--|
| 0.1.293 | 08/08/2019 | JG | First release. |
| 0.1.299 | 09/13/2019 | JG | Added transducer naming to dictionary table. |
| 0.1.300 | 09/19/2019 | JG | Added transducer measurement data to the dictionary table. |
| 0.1.302 | 10/01/2019 | JG | Added transducer setpoints. |
| 0.1.303 | 10/23/2019 | JG | Added transducer setup values. |
| 1.0.0 (fc93efe4) | 03/04/2020 | JG | Added confidential disclaimers. |
| 1.0.1 (80f5c7e2) | 07/16/2020 | JG | Added new engine parameters to dictionary table. |
| 1.0.3 (638e450b) | 01/14/2021 | JG | Added new engine parameters to dictionary table. |

Table of Contents

| | |
|--|----|
| Revision History | ii |
| 1 Introduction | 1 |
| 2 CAN Bus | 2 |
| 2.1 Database Commands | 2 |
| Database Command - 65525 | 2 |
| 2.2 Event Manager Command | 3 |
| Event Manager Command - 65520 | 3 |
| 3 MODBUS | 4 |
| 3.1 Wiring | 4 |
| 3.2 Configuration | 4 |
| 3.2.1 Supported UART modes | 4 |
| 3.3 Input Registers | 4 |
| 3.3.1 Reading DM1 Faults | 4 |
| 3.4 Holding Registers | 7 |
| 3.4.1 Settings/Runtime Database Commands | 7 |
| 3.4.2 Event Manager Parameters | 7 |
| 3.4.3 Special Registers | 8 |
| 4 Setting/Runtime Database Parameters | 9 |
| 4.0.1 Decode Tables | 12 |
| 5 Event Manager Parameters | 15 |
| 5.0.1 Event Parameters | 15 |
| 5.0.2 Decode Tables | 16 |
| 5.0.3 Proconfigured Events | 19 |

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1 Introduction

The latest CANplus™ panels has support for this API. The API is accessible via the J1939 CAN Bus or MODBUS™. Using this API allows the integrator to:

- read the operating state of the panel,
- start and stop the engine,
- override the speed of the engine, and
- change the operating limits and other settings.

Table 2 shows the panels that support this API.

| Panel Model | J1939 CAN Bus Support | MODBUS Support |
|-------------|-----------------------|----------------|
| CP640 | Yes | No |
| CP800 | Yes | No |
| CP900 | Yes | No |
| CP1000 | Yes | Yes |
| LC45 | Yes | Yes |

Table 2. Supported Products.



Throughout this document there are 'dangerous bends' symbols. These symbols indicate to take particular notice of the information following such a symbol.



Occasionally there will be a double 'dangerous bends' symbol - and this means the information following is **extremely** important!

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