



## DIGIPEDAL.COMMANDER DRIVE BY WIRE [S<sup>+</sup>]



### REV UP YOUR RIDE WITH LATEST ENGINEERING CREATIVITY

VAITRIX DIGIPEDAL COMMANDER is a device that eliminates electronic throttle body lag and improves the vehicle's acceleration and performance. It uses new circuitry and a German processor to communicate with the vehicle's ECU and optimize the response time of the accelerator pedal for more immediate and responsive acceleration. This device is recommended for turbocharged vehicles, as it can eliminate turbo lag. It also offers customizable throttle sensitivity for drivers to match their driving style and adjust to specific scenarios, such as fuel-saving or 4x4 winching, and can be used as an RPM increase feature for launch control.

### MAXIMIZING ALL-RANGE PERFORMANCE WITH HIGH FLOW DOWNPIPE SYSTEM

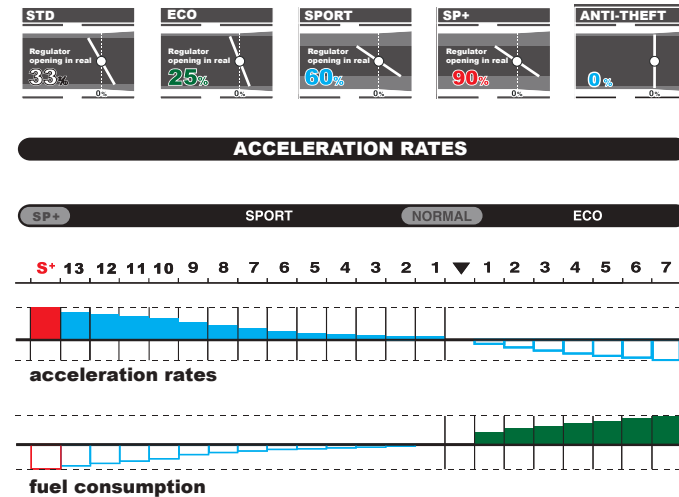
Car owners who install high flow downpipe systems without catalytic converters on their turbocharged vehicles may experience reduced flow rates and turbo lag under low RPM conditions due to the lack of back pressure. However, using VAITRIX DIGIPEDAL COMMANDER SPORT MODE can increase throttle angle during low RPM, offsetting this loss of back pressure and reducing turbo lag. This device is a powerful tool for car enthusiasts looking to maximize their vehicle's performance, responsiveness, and efficiency.

## SPECIFICATION

|                           |            |
|---------------------------|------------|
| Display dimensions        | 65x28x15mm |
| Main unit dimensions      | 64x50x22mm |
| Wire length               | 500mm      |
| Weight                    | 200g       |
| Power consumption at idle | <10mA      |
| Warranty                  | 1 year     |

## IN THE BOX

|                          |    |
|--------------------------|----|
| Multifunction monitor    | X1 |
| Control box              | X1 |
| Double sided sticky pads | X2 |
| User's manual            | X1 |



The graph describe the throttle response while driver steps on the pedal. Vehicles will have better sensitivity and response time of the throttle pedal with VAITRIX DIGIPEDAL COMMANDER. It is not about the power a vehicle has, but the sensitivity of throttle response.

**SPORT MODE** (Step1-13)  
Available by pressing a single button to have better throttle response.

**STANDARD MODE**  
The curve describes DIGIPEDAL COMMANDER is in standard mode.

**ECONOMY MODE** (Step1-7)  
Vehicle will consume fuel more efficiently, so fuel consumption will be lower than usual.

**SPORT+ MODE**  
Maintain 10 seconds high speed RPM.

**CNC ALLOY CASING**  
The casing is composed of aviation grade 7075 aluminum alloy, finished by CNC. The material strength of the 63mm diameter alloy case is 40,000psi.

**VOLTAGE METER**  
While switching to standard mode, DGP will function as voltmeter.

**STANDARD MODE**  
Restore to factory default.

**SPORT MODE**  
Suitable for mountain and street driving and racing on track

**ECONOMY MODE**  
Aiming for city driving with fuel economy aspect in mind.

**LOW VOLTAGE WARNING**  
Low voltage warning will be triggered once the battery voltage drops below 9.0V.

**IMMOBILISER MODE**  
DGP will disable the throttle pedal and flash the immobilizer lock light.

**SPORT+ MODE**  
During 10 second countdown throttle will be set to the most sensitive mode.



VAITRIX DIGIPEDAL COMMANDER APPLIES TO VARIOUS VEHICLES, INCLUDING N/A, TURBO AND ELECTRIC CARS, TRUCKS, AND MOTORCYCLES.

POWER UNLEASHED!!



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### DYNAMIC CLOCK SPEED CONTROL TO KEEP THINGS COOL

Operating electronic devices like ECUs in areas without proper ventilation and close proximity to high heat sources like engines can be challenging. To minimize the effects of heat, it's important to reduce heat output. VAITRIX DIGIPEDAL COMMANDER addresses this concern with a central processor that features a 144x clock multiplier, providing high performance without sacrificing efficiency. Furthermore, the device has a low draw on the battery, ensuring long-term battery life is not affected.

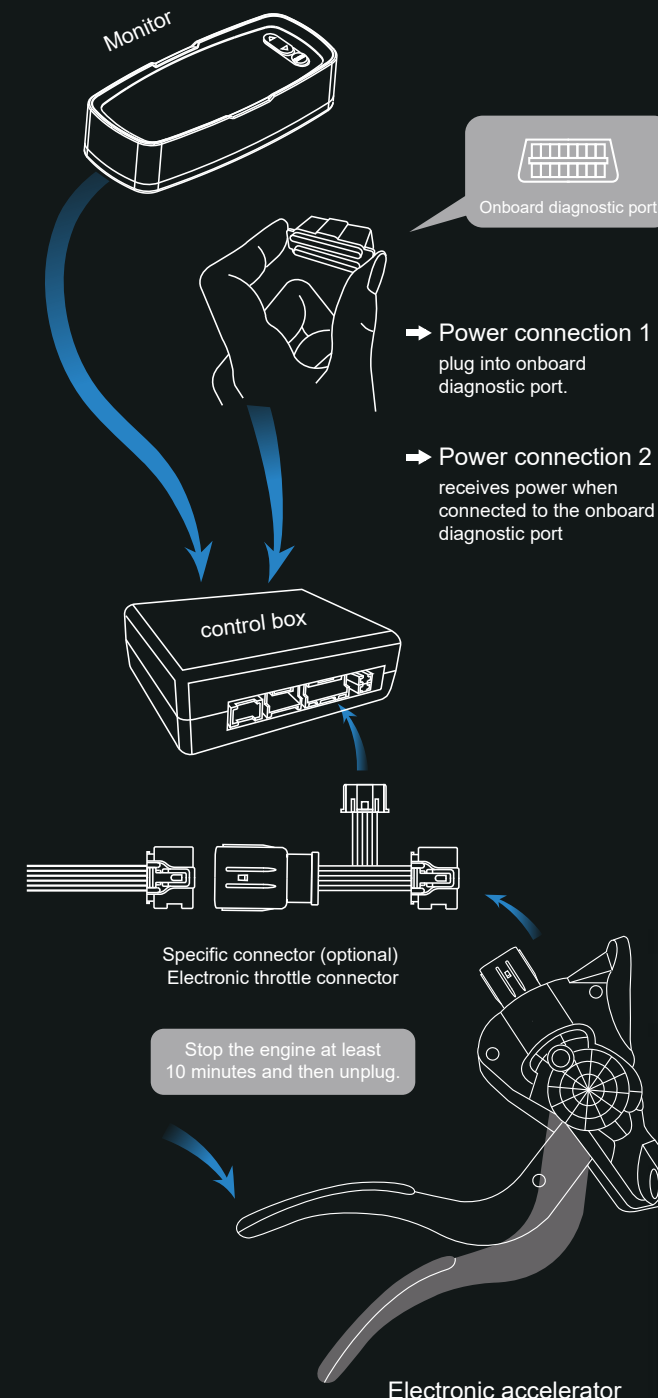


### ENHANCED COMPATIBILITY & STABILITY

VAITRIX DIGIPEDAL COMMANDER now features a jumper panel that allows for manual adjustment of its signal stability. This updated design offers several advantages, such as better compatibility with various vehicle models and the ability to compensate for any signal irregularities resulting from wear and tear on the throttle pedal.



For installation details, please refer to the user manual.



### OBDII POWER WIRE

The newly designed Y-split power wire enables the throttle controller to receive power without compromising the use of the original OBDII port.



Original OBDII connector

Connect DGP power cable to the original OBDII connector

DGP power cable



Connectors available for various car types

