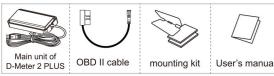
DIGITAL METER II PLUS INSTRUCTION MANUAL

Only for reference, it might be different from real parts.



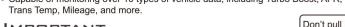
 Please attach the user's manual to the product when transferring to others

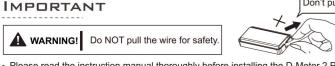
FEATURES

CONTENTS

The D-Meter 2 PLUS multifunction display uses CANBUS communication technology, compatible with modern vehicles, reading OBD II data to display driving information. The slim body features an OLED display and seven-color lighting effects, showcasing exceptional craftsmanship.

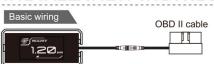
- Features seven-color ambient lighting with five levels of adjustable brightness. Lighting responds to vehicle status, enhancing the overall driving experience.
- Power-off memory requires only initial setup and will automatically recall the last-used
- Supports customization of warning thresholds for 9 different vehicle parameters.
- Equipped with an OLED display, ensuring clear readability without light interference during driving
- Customizable interface allows simultaneous display of two types of information.
- Supports both left-hand and right-hand driving modes to accommodate user preferences.
- Units can be switched based on user habits (e.g., Bar/PSI, °C/°F).
- Red warning light and audible alert notify the driver when a preset threshold is reached.
- Discreet hidden-button design enables intuitive and user-friendly operation.
- Capable of monitoring over 10 types of vehicle data, including Turbo Boost, AFR,





- Please read the instruction manual thoroughly before installing the D-Meter 2 PLUS.
- Please perform the initial setup during the first installation.
- Do not operate this product while driving, as it may cause accidents due to driver distraction. Always drive safely and use the device with caution.
- If you encounter installation issues or are unfamiliar with the process, please consult a
- This product uses the SAE J1979 communication protocol and is recommended for vehicles manufactured after 2014.
- Compatible with 12V gasoline and diesel vehicles only. Do not install on 24V commercial trucks.
- The included double-sided tape is very strong. If repositioning is necessary, carefully peel it off to avoid damaging the device
- Do not modify, disassemble, or tamper with this product without prior authorization.

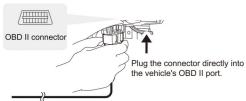
INSTALLATION INSTRUCTION





Attention!

Do not pull the cable when disconnecting the connector.



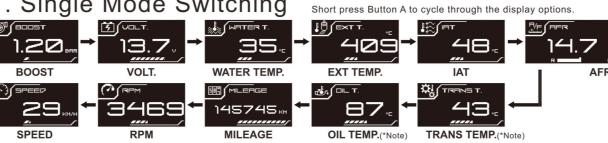
OPERATION INSTRUCTIONS

This product has internal buttons and supports two installation methods:

- Direct Stick-On: Attach double-sided tape to the back and stick it to the dashboard
- With Bracket: Apply tape between the bracket and the device.

After mounting, operate by toggling the aluminum frame — up for Button A, down for Button B.

1. Single Mode Switching



2. Dual mode switching After selecting the first parameter, short press Button B to select a second parameter. Two values will then be displayed simultaneously.



manufacturer's website.

the value; press Button B

to decrease it

Short press Button B to switch the second value (in the same sequence as in single mode)

Button A

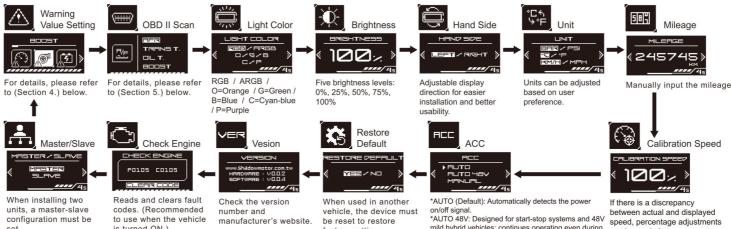
- Button B

seven-color atmosphere lights

OLED Display

3.Basic settings

Long press Button A to enter the settings menu. In the settings page, if no button is pressed, the screen will automatically return to the previous menu after 4 seconds.



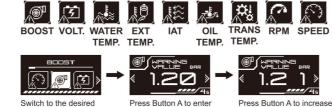
be reset to restore

factory settings

4. Warning value setting

*Set one as MASTER.

is turned ON.)



After 4 seconds of inactivity, the setting will be saved

the warning value setting.

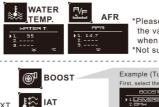
5.OBD2 Scan Standard Information

AFR, Water Temp. → Default: Channel 1

These parameters are supported on most vehicles. Some models may require switching signal



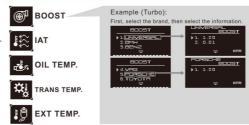
Default: OFF (*Note): Transmission temperature and oil temperature require brand-specific scanning These values must be selected after scanning before they can be displayed.



mild hybrid vehicles; continues operating even during can be made here.

*MANUAL: Allows users to set custom voltage ranges for power on/off, and optionally shut down the device when RPM reaches zero.

> *Please select the channel where the values respond in real time when the accelerator is pressed. Not supported on diesel vehicles



*Displayed data depends on your vehicle's ECU.
*Each function supports one PID selection. If no data is available, the function can be hidden. *Some vehicles do not support displaying values such as air-fuel ratio, transmission

PRODUCT SETTING CORRESPONDENCE LIST

ver.0.0.1

	Default alert value		Setting range		Default unit
BOOST	>1.5bar	>21.7PSI	OFF~3.0Bar	OFF~43PSI	Bar
VOLT.	<11.0V		8~18V		V
WATER TEMP.	>105°C	>221°F	OFF~120°C	OFF~248°F	°C
EXT TEMP.	>950°C	>1742°F	OFF~1100°C	OFF~2012°F	°C
OIL TEMP.	>120°C	>248°F	OFF~140°C	OFF~284°F	°C
IAT	>75°C	>167°F	OFF~140°C	OFF~284°F	°C
AFR					
GEARBOX	>115°C	>239°F	OFF~140°C	OFF~284°F	°C
MILEAGE				KM	
RPM	>7000RPM		500~9990RPM		RPM
SPEED	OFF		OFF~400KM	OFF~248MPH	KM

When you think the machine is faulty, please confirm the following items before sending it for repair:

blowing items before sending it for repair.					
Problems	WHY	Confirm items			
No data is shown after engine starts.	Poor OBD II connector contact. Vehicle does not support CANBUS.	Check vehicle year/model compatibility and whether OBD II connection is secure.			
Shows "" or no response when turning on.	No signal received, possibly due to unsupported PID or no data output from ECU.	If it shows "", it means the ECU does not output data for that item.			
The screen displays other indicator lights flashing continuously.	The warning function is triggered.	1.Switch to the mode corresponding to the flashing light, and check for any abnormal data. 2.Increase the warning threshold or set it to the minimum (OFF) to disable the alert.			
After the engine is turned off, the device does not shut down simultaneously.	After engine shutdown, the ECU does not immediately stop communication, so a delay is needed before the device turns off.	If the device fails to shut down in AUTO mode, please go to "ACC" and adjust the shutdown conditions.			
After the engine starts, the device does not power on at the same time.	The OBD II display requires specific startup conditions to be met, so it may not activate simultaneously with engine ignition.	This is normal, don't worry! If the device remains off for an extended period, please check the "ACC" settings.			
AFR or exhaust temperature cannot be read.	The values may not be displayed or may be incorrect due to the factory default settings not supporting the relevant PIDs, resulting in no data shown on the OBD II display.	Check the data through the AFR and exhaust temperature channels. If the values all show "", the vehicle likely does not support these readings.			
Turbo pressure reading does not match actual condition.	The OBD II display shows pressure values based on the data returned from the ECU. Therefore, it is necessary to check whether the vehicle's software or hardware has been modified or replaced.	1.Actual boost pressure may exceed the OBDII system's readable range. 2.The ECU may have been upgraded or tuned, causing the OBDII to show lower-than-actual boost pressure.			



Website: www.shadowmotor.com.tw

Some values

displayed (e.g.

oil temp, trans

Displayed speed

dashboard or GPS

does not match

eadings.

emp, etc.)

cannot be

SHADOW AUTO D-METER 2 PLUS Instruction Manual Publisher: Shadow Auto

displayed.

After OBD2 is standardized, each Parameter IDs (PIDs) has a

rresponding position. The value

cannot be displayed may be that the PIDs and components are not used in the original factory setting, so the

value of the OBD2 display cannot be

Factory vehicles are calibrated

according to vehicle safety

inspection standards, and the

speed shown on the dashboard

usually slightly higher than the

Tel: 04-7681140 Fax: 04-7698587 Address: NO.163 Fan-Hwa Road, Chin-Hsin Village, Hsiu-Shui, Chang Hwa, TAIWAN



Oil temperature and trans temp are preset to OFF.

Please enter the "OBD II Scan" mode,

check if data is available for display.

select the correct brand and model, and

f a discrepancy is caused by the vehicle

itself or changes in tire size, you can use the "Speed Calibration" function to make

