

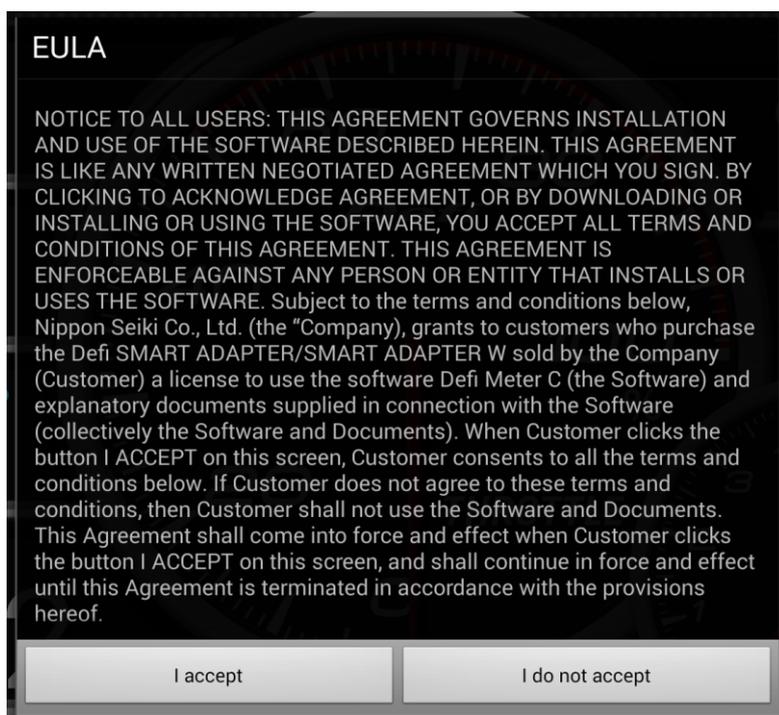
# Defi Meter C Application User's Guide

## BEFORE INSTALLATION

- ① Download the App  
Search “Defi Meter C” Application through Google Play and download the App.
- ② Pairing your mobile device with the SMART ADAPTER W  
Make sure that the active indicator blinks every second on the SMART ADAPTER W. Scan your device on your Bluetooth setting, and pairing your mobile device with the “Defi Smart Adapter”. Please refer to your mobile device User's Guide about pairing.

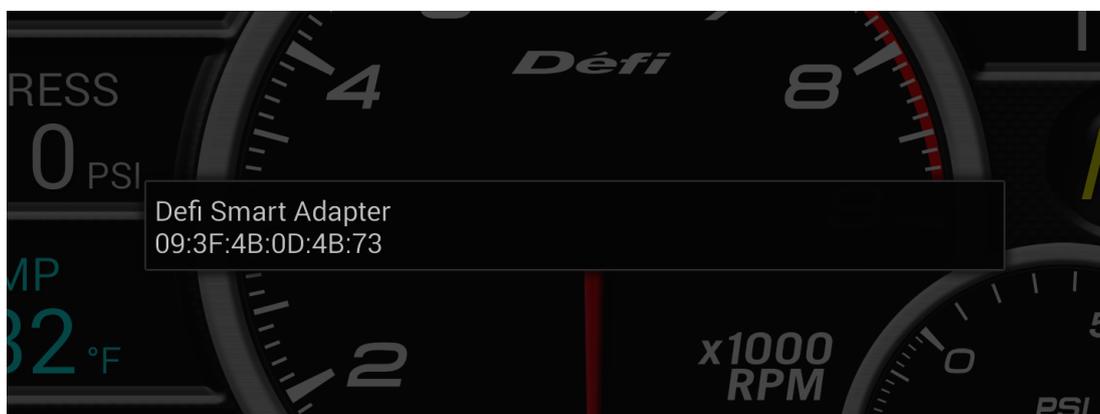
### 【Connecting to the Smart Adapter W】

- ① Running “Defi Meter C” App, the “End User License Agreement” appears on the screen. When you agree to the End User License Agreement, touch “I ACCEPT”.



Note: If there is no Micro SD card set on your device, the App won't start.

- ② Touch “Menu Button” on the screen, and then the menu bar appears on the screen.  
Touch “Communication”→“Defi Smart Adapter”.



- ③ When the connection to the SMART ADAPTER W is complete, the connection icon will appear next to the battery icon on the top right side.



**【Displays on the screen】**

You can choose the mode (Gauge mode or Time Measurement mode) by flicking.

**Gauge Mode**



REV Indicator  
(Transmission Gear Position location )

**Time Measurement Mode**



Best Time on Time Measurement Mode

State of measurement or  
REV Indicator  
(Transmission Gear Position location)

## 【Set Up Gauge Types】

Touching the item among the digital-gauge category on the left side of the screen, you can choose the gauge types that you want to display.

As for analog meter gauges, touching the center of the gauge, you can choose the gauge types.

### • Selecting items

Connecting to ADVANCE

Speed, Tacho, Turbo, IN-MF.P., Oil Pressure, Fuel Pressure, Oil Temperature, Water Temperature, Exhaust Temperature, Electric Pressure

Connecting to OBD II

Speed, Tacho, Turbo, IN-MF.P., Fuel Pressure, Water Pressure, Electric Pressure, Throttle Opening, Intake Temperature

※ You can also select Blank (no display) on the digital gauge category.

※ In the case of connecting to OBD II, gauge types that can be displayed on the screen depend on your vehicle model. Some gauges may not be displayed.

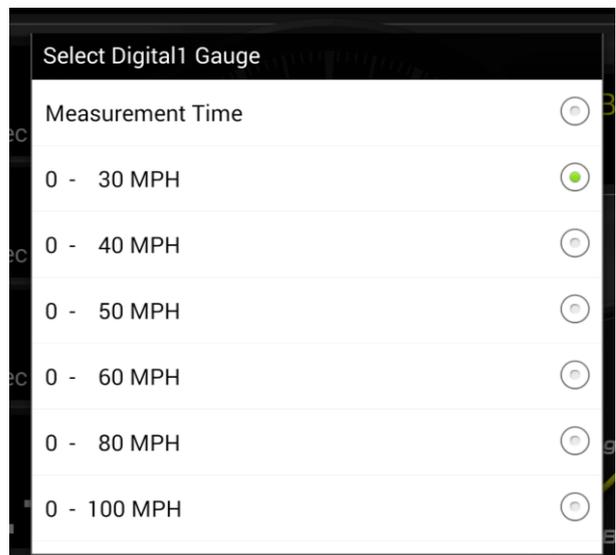
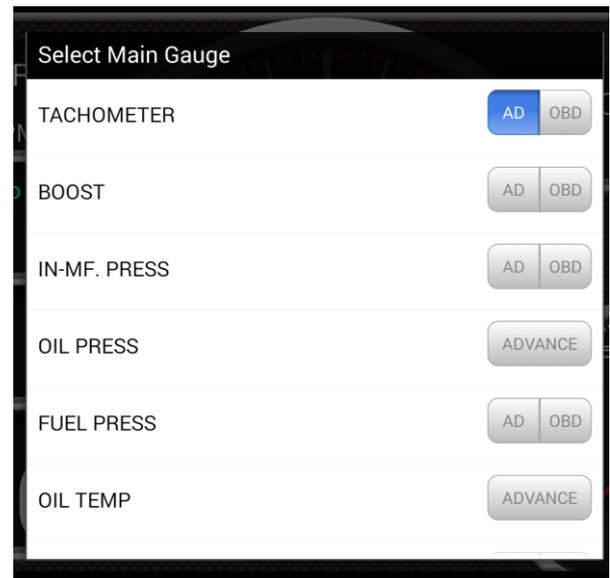
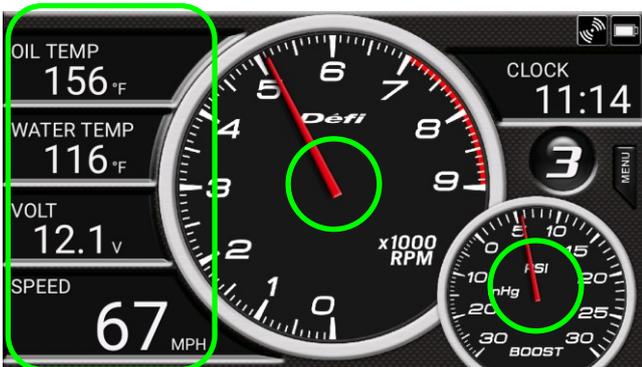
• You can select data either from the ADVANCE Control Unit or OBD II when connecting to both the Control Unit and OBDII.

### • Selecting items on Time Measurement Mode

Time Measurement : the elapsed time from the start, the time at the goal

Section Time : 0-40km/h, 60km/h, 80km/h, 100km/h, 120km/h, 160km/h, 200km/h, 240km/h, 300km/h  
(0-30MPH, 40MPH, 50MPH, 60MPH, 80MPH, 100MPH, 120MPH, 160MPH, 200MPH)

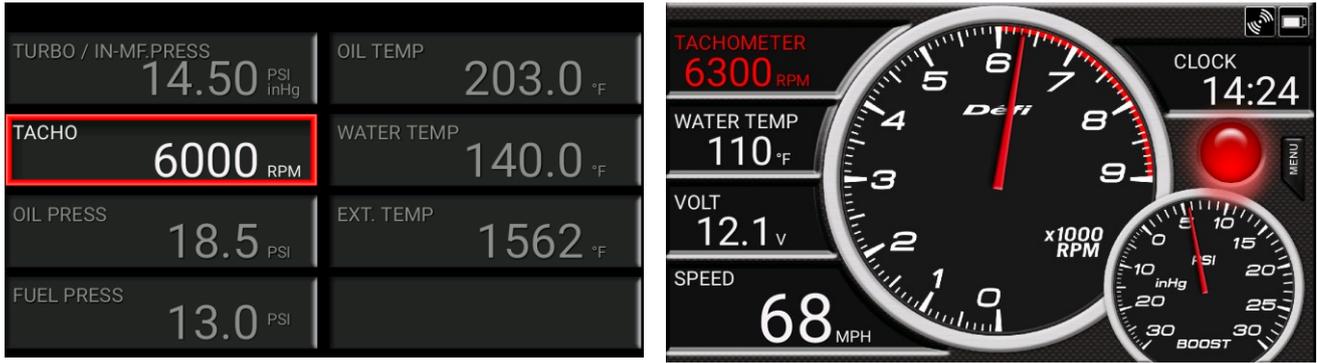
Elapsed Time : 20-60km/h, 40-80km/h, 60-100km/h, 80-120km/h, 100-160km/h, 140-200km/h, 180-240km/h, 220-300km/h  
(20-40MPH, 30-50MPH, 40-60MPH, 50-80MPH, 60-100MPH, 80-120MPH, 100-140MPH, 120-200MPH)



【(ADVANCE Control Unit) Warning Settings】 Operation on ADVANCE Control Unit Switch

SLIDE SWITCH position: SET

WARN SET SWITCH: PRESS

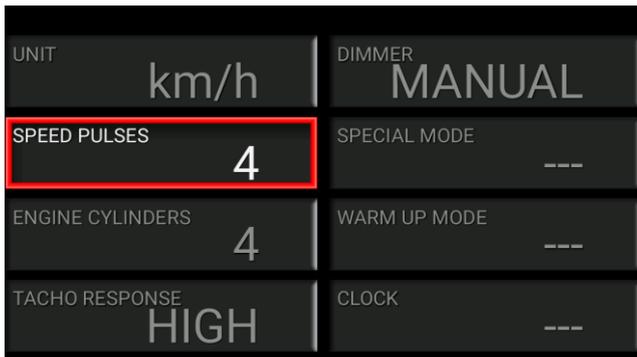


If the value of each gauge exceeds your warning value on the digital gauge category, the displayed number turns red. When Tachometer value exceeds your warning value, the back wall of REV Indicator turns red. Please refer to the ADVANCE Control Unit Operation Manual about the details. When the setting is complete, return the slide switch position to “REAL”.

【(ADVANCE Control Unit) System Settings】 Operation on ADVANCE Control Unit Switch

SLIDE SWITCH position: SET

WARN SET SWITCH: Long PRESS



Selecting an item by using “UP” or “DOWN” switch on the ADVANCE Control Unit Switch and pressing WARN SET, you can change setting items. When the setting is complete, return the slide switch position to “REAL”.

On the screen	Setting items	Default
UNIT	Units setting	※
SPEED PLUSES	Speed pulse setting	2,4,8,16, FREE
ENGINE CYLINDERS	Number of cylinders setting	1,2,3,4,5,6,8
TACHO RESPONSE	Tachometer response setting	HIGH, MID, LOW
DIMMER	Dimmer setting	※
SPECIAL MODE	Special display setting	※
WARM UP MODE	Warm-up setting	※
CLOCK	Clock setting	※

※These setting items can be changed only on the ADVANCE ZD.

- Set Up Speed Pulse

Depending on vehicle specifications, you need to set Speed pulse. 4 pulse setting is usual except Nissan vehicles. If you don't know your vehicle's pulse or want to revise it, select "FREE", and then press the "WARN SET" button on the Control Unit during driving, when your built-in speed meter indicates 60km/h. By doing so, a new value is set correctly

- Set Up Number of Cylinders

Select number of cylinders.

(When you set an ignition signal, it is better to select 1 cylinder or 2 cylinders. This will give more accurate readings.)

- Set Up Tachometer Response

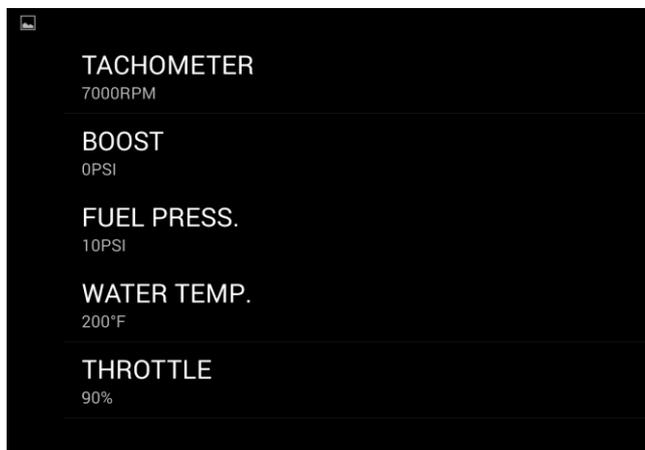
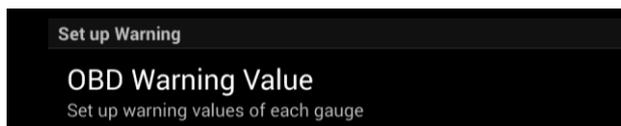
You can set the Tachometer response. When you select "HIGH", response speed is faster. When you select "LOW", response speed is slower.

Check the actual response, and then choose the preferable one.

**【Warning Buzzer Setting】** Touch the Menu Button on the screen→“Settings”→  
Ticking the checkbox, a buzzer sounds during warning.

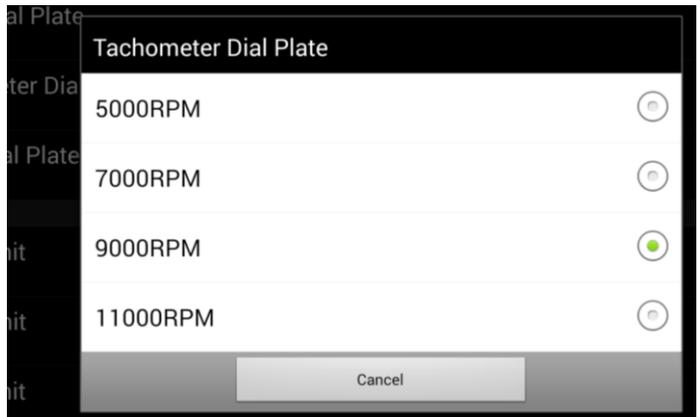
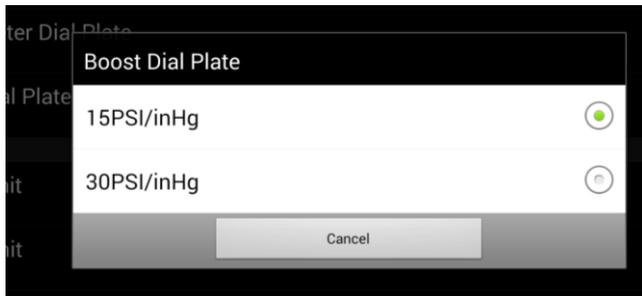
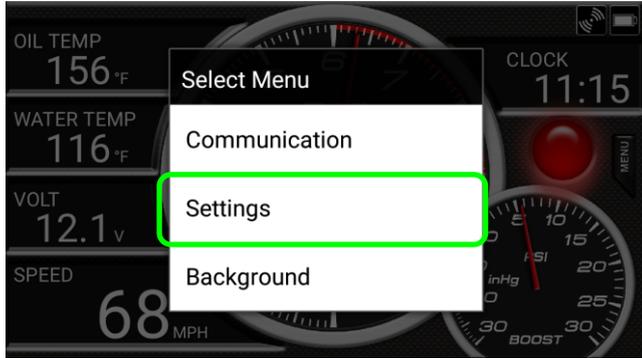
**【Set Up OBDII warning Value】** Touch the Menu Button on the screen→“Settings”→  
When connecting to the OBD II, “Set up OBD warning value” is available.

『TACHOMETER』	: Set up Warning Value of engine revolutions	0 ~ 11,000rpm
『TURBO/IN-MANI』	: Set up Warning Value of intake pressure	-100 ~ 200kPa (-14.5 ~ 29PSI)
『FUEL PRESS』	: Set up Warning Value of fuel pressure	0 ~ 600kPa (0 ~ 87PSI)
『WATER TEMP』	: Set up Warning Value of water temperature	0 ~ 150°C (32 ~ 302° F)
『THROTTLE』	: Set up Warning Value of throttle opening	0 ~ 100%



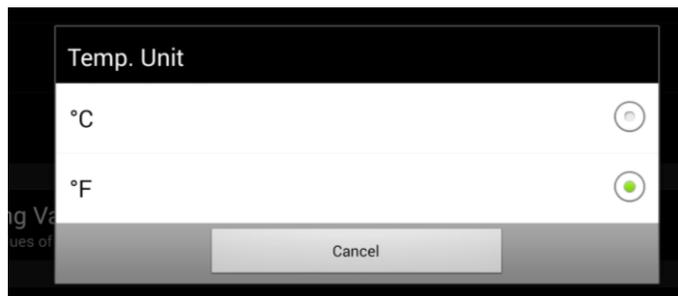
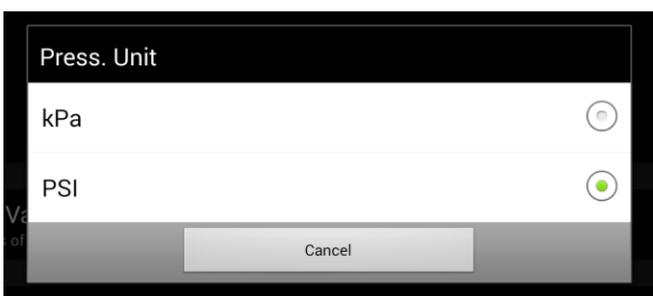
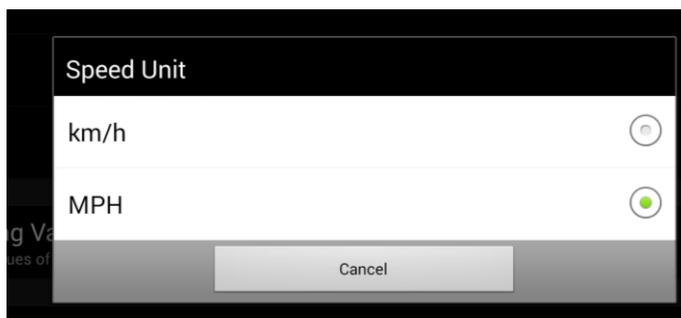
【Dial Scale Displays Settings】 Touch the Menu Button on the screen→“Settings”→

- 『Speed Dial Plate』 : Select full scale 180/240/ 300/ 400km/h (120MPH/160MPH/200MPH/250MPH)
- 『Turbo Dial Plate』 : Select full scale 200kPa 120kPa (15PSI/30PSI)
- 『Tachometer Dial Plate』 : Select full scale 5,000/7,000/9,000/11,000rpm



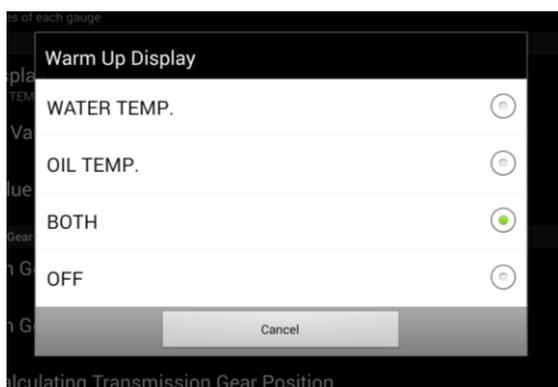
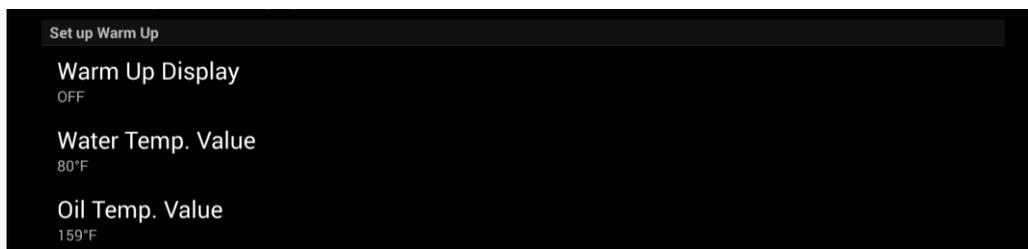
【Units Settings Speed/Pressure/Temperature】 Touch the Menu Button on the screen→“Settings”→

- 『speed Unit』 : Select between km/h and MPH
- 『Pressure Unit』 : Select between kPa and PSI
- 『Temperature Unit』 : Select between “ °C ” and “ ° F ”



【Warm Up Settings】 Touch the Menu Button on the screen→“Settings”→

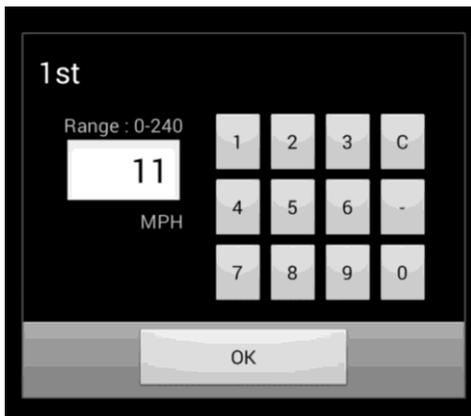
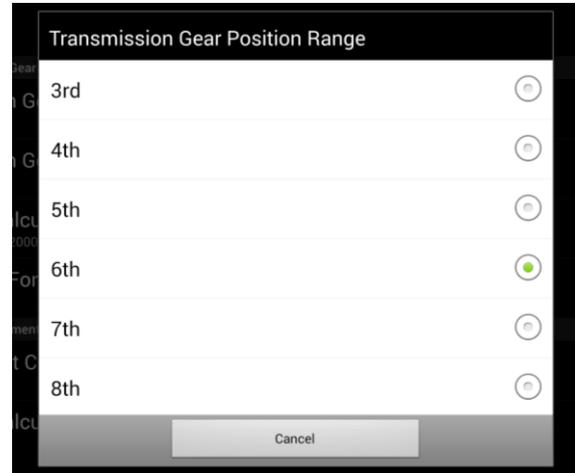
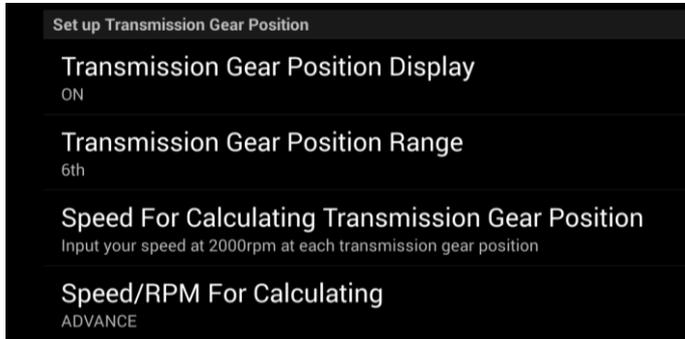
- 『Warm Up Mode Display』 : Select one from Water Temperature, Oil Temperature, Water&Oil Temperature, and Off.  
Dial plate's color on the selected gauges is blue during warming up. The gauge turns white when it reaches your set temperature.
- 『Water Temp. Value』 : Setup range 0~150°C (32 ~ 302° F)
- 『Oil Temp. Value』 : Setup range 0~150°C (32 ~ 302° F)



Warm-Up Display

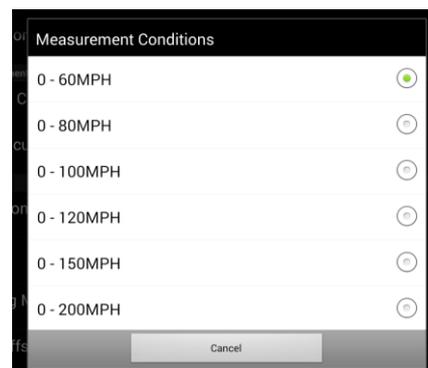
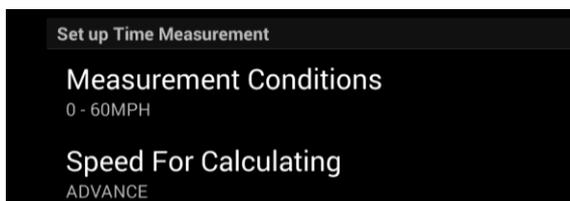
**【Transmission Gear Position Settings】** Touch the Menu Button on the screen→“Settings”→

- 『Transmission Gear Position Display』 : Ticking the checkbox, the current transmission gear position can be displayed on the REV Indicator
- 『Transmission Gear Position Range』 : Set up Maximum Transmission
- 『Speed Calculation Offset』 : Input your speed at 2000rpm at each transmission position.  
By doing so, the transmission position is displayed accurately.
- 『Speed Calculation/Revolutions』 : You can select data either from the ADVANCE Control Unit or OBD II in order to calculate Speed Offset.



**【Time Measurement Settings】** Touch the Menu Button on the screen→“Settings”→

- 『Measurement Conditions』: Select Time Measurement Mode as below  
0-60km/h, 0-80km/h, 0-100km/h, 0-120km/h, 0-160km/h  
0-200 km/h, 0-240 km/h, 0-300km/h  
(0-40MPH, 0-50MPH, 0-60MPH, 0-80MPH, 0-100MPH, 0-120MPH, 0-160MPH, 0-200MPH)
- 『Speed Calculation』 : You can select speed/rpm data either from the ADVANCE Control Unit or OBD II when you calculate your time.



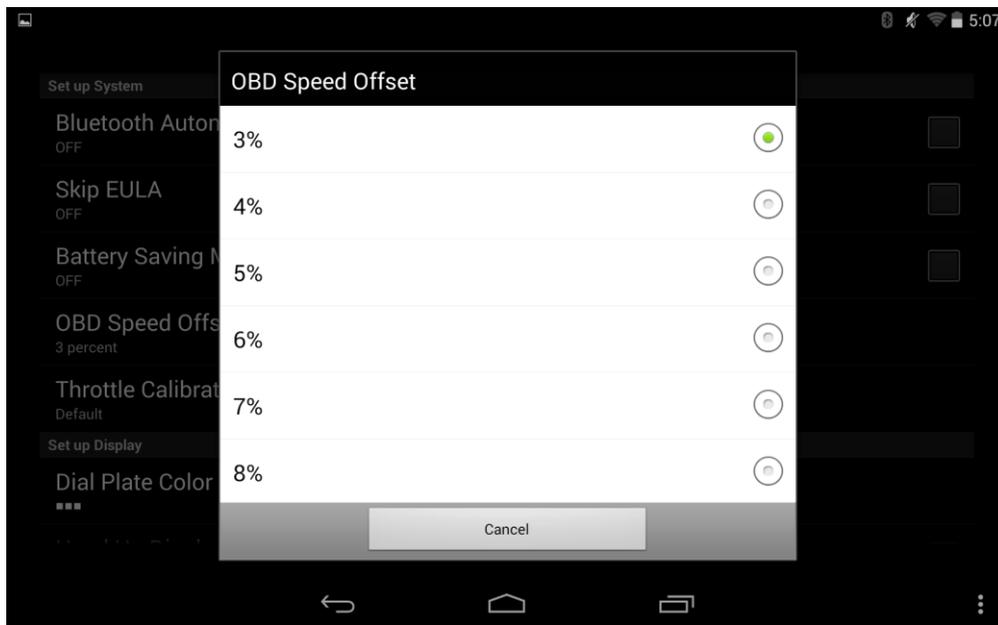
**【System Settings】** Touch the Menu Button on the screen→“Settings”→

『Automatic Connection to Bluetooth』 : Ticking the checkbox, in the case of breaking a connection between Bluetooth and the SMART ADAPTER W, its communication automatically reconnects .

『Skip EULA』 : Ticking the checkbox, “End User License Agreement” will be skipped every time you open the App.

『Battery Saving Mode』 : Ticking the checkbox, the backlight on your device becomes automatically dark in order to reduce energy consumption. It prevents your battery from using too much energy.  
(This function may not work correctly depending on your device models.)

『OBd speed offset』 : This function is available when connecting to OBd II  
You can adjust value of your speed from OBd II  
Range -10%~+10%  
Default 3%

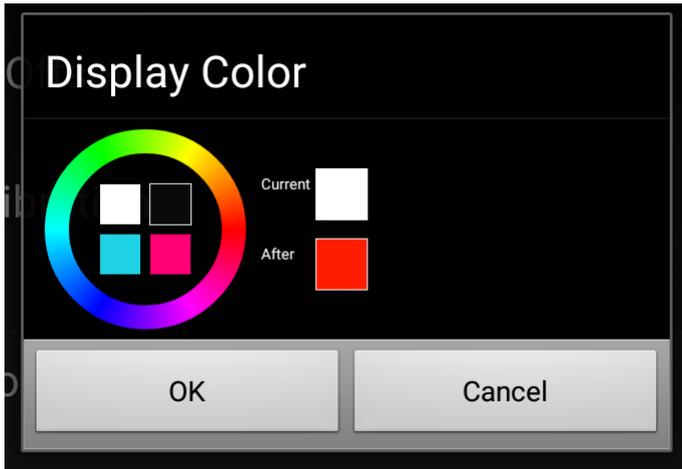
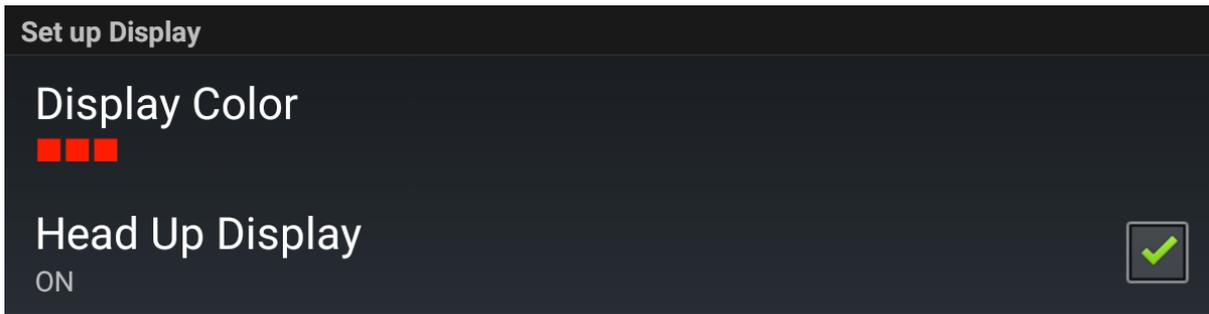


『Throttle Calibration』 : This function is available when connecting to OBd II  
Select full closed position: 0%  
Select full opened position: 100%  
Select default : original value from OBd is displayed without calibration



【Displays Settings】 Touch the Menu Button on the screen→“Settings”→

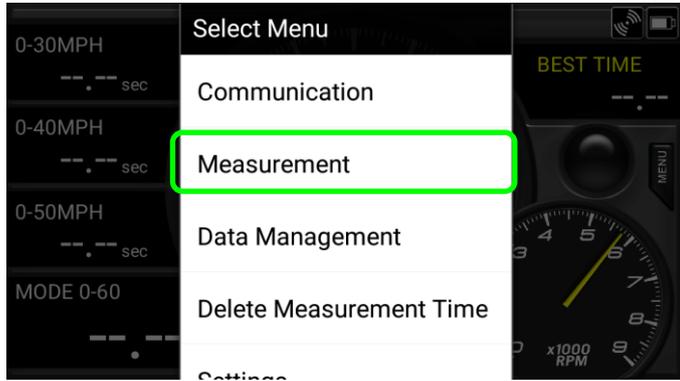
『Display Color』 : You have many color options. You can choose WHITE, PINK, AQUA, and BLACK by touching one of the four squares or by sliding your finger around the circle you can choose a variety of colors.



『HUD Display』 : Ticking the checkbox, gauge illustration on the screen will turn to the inverted mirror image for Head Up Display. During nights, you can reflect it on your windshield.



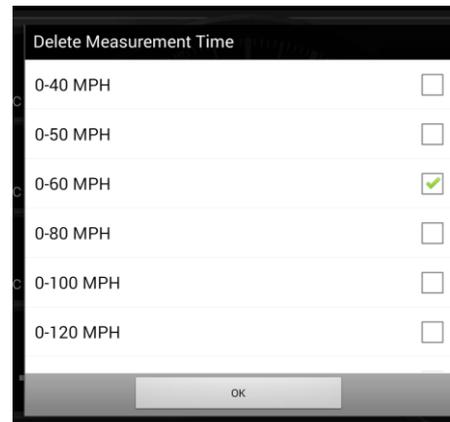
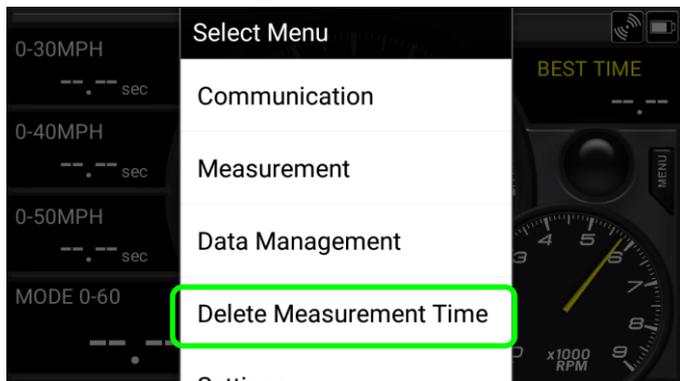
**【Time Measurement Settings】** Touch the Menu Button (Time Measurement Mode) on the screen→“Measurement”



After you stop your vehicle completely, please touch “Measurement”, and then “Ready” message will appear. The time measurement will start automatically when your vehicle is in motion. Once you reach your set speed, the measurement will be stopped automatically.

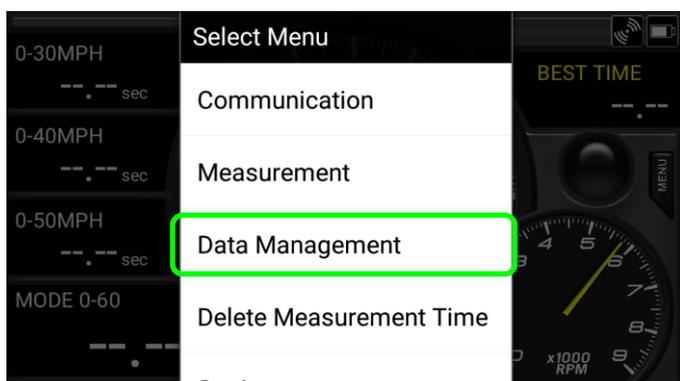
NOTE: If you touch “Measurement” during driving, “Ready” message does not appear. Once you stop your vehicle, it will appear.

**【Delete the Best Time】** Touch the Menu Button (Time Measurement Mode) on the screen→“Delete Best Time”



The best time is recorded on each measurement condition. Your previous best times are deleted by ticking the checkbox, and then touch “OK”.

**【Display of the stored data】** Touch the Menu Button (Time Measurement Mode) on the screen→“Data Management”

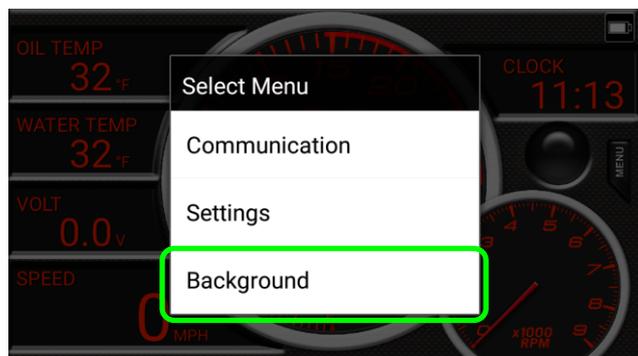


Date	Mode	Time
Sep 5, 2014 5:11:13 PM	0-60 MPH	09.22 sec
Sep 5, 2014 5:12:25 PM	0-60 MPH	06.42 sec



Touching “Data Management”, your previous data appears as a list form and you can load the data by touching. If you want to delete an item on the list, please touch the item for 1 or 2 seconds, and then the dialog box will open. Select “Yes” and your time data will be completely deleted.

【Change background image】 Touch the Menu Button on the screen→“Background”



Touching “select” to change the screen background.  
To return to the original Defi background, touch “Defi”.