



INSTALLATION AND OPERATING INSTRUCTIONS

FUNCTION MENU:

- POWER DIGITAL DISPLAY
- SPEED DIGITAL DISPLAY
- POWER/SPEED DIGITAL DISPLAY
- GRAPHICAL POWER DISPLAY
- GRAPHICAL SPEED DISPLAY
- CHASSIS DYNAMO
- DASH MODE
- LAST RECORD
- WARNING

INSTALLATION INSTRUCTIONS:

Connect the RED wire to an ignition 12v supply and find a suitable ground for the BLACK wire. The ORANGE wire needs to be connected to the ECU speed output. To locate the correct ECU pin, refer to ECU booklet. Using your vehicles chassis and engine code to locate the correct ECU map, attach the orange wire using the provided wire tap to the ECU speed output wire.

IMPORTANT - When installing, ensure that the orange wire is connected to the ECU speed output before the speed de-limiter or speed converter (if fitted). If it is connected after this, it may cause incorrect operation of the unit.

CALIBRATION:

* When the Power Meter is turn on for the first time, you will be in the WEIGHT. PW LOSS mode. This mode calibrates the Power Meter. NOTE: Weight of the vehicle will be in kg, to set weight in lbs, press MENU button and scroll down to SPD UNIT, press ENTER and scroll up to MPH and press ENTER to set. Next go back to MENU and scroll down to POW UNIT and set power in HP, PS, and kW.

SET UP AND CALIBRATION - After the speed and power unit has been set, scroll back to WEIGHT. PW LOSS & press ENTER. Once in this mode you can set the weight of the vehicle, if it is 2WD/4WD, and set the power loss. To set, press ENTER button and use the up/down button to set weight, 2WD/4WD, and power loss. Weight of the vehicle can be found in the vehicle owner manual, make sure you take into consideration your own weight, any passengers you may have and fuel in the tank. NOTE: weight effects the accuracy of Power Meter. Set if car is 2WD/4WD and also set the **Power Loss**, see back of manual to see Power Loss of each type of vehicle.

SPEED CALIBRATION - Scroll to SPEED CALIB and press ENTER. To calibrate the Power Meter, you will need to drive with the Power Meter in calibration mode at a steady 25mph and press ENTER.

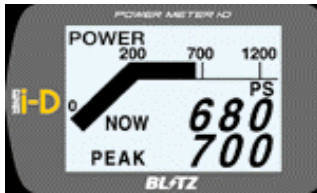
OPERATION INSTRUCTIONS:

BASIC OPERATIONS:

- * All functions can be accessed from the main menu. Use the up/down buttons to select the function you require, then press ENTER button to access that display.
- * All functions can also be accessed by scrolling up/down while in the function already.
- * To reset PEAK HOLD of speed and power, press the up/down button together while in CHASSIS Dynamo mode.
- * To set Power and Speed scale, go the menu and scroll down to GRAPH SCALE and press ENTER. Set a suitable scale of the vehicle's power and speed.

FUNCTIONS:

POWER DIGITAL DISPLAY

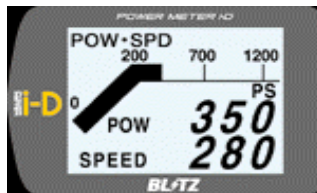


Shows the amount of power the engine is producing in HP, PS, or kW. Features a digital and numerical display of power with peak record. To change the power scale, press ENTER once and the power unit symbol on the right hand side of the screen will become highlighted. Use the up/down keys to adjust the scale to suite and press ENTER once to confirm. Or refer to basic operations to set appropriate power graph.

SPEED DIGITAL DISPLAY

Screen appears as above with the same features but will show the vehicles speed in mph or km/h instead. To change the speed scale, press ENTER once and the speed unit symbol on the right hand side of the screen will become highlighted. Use the up/down keys to adjust the scale to suite and press ENTER once to confirm. Or refer to basic operations to set appropriate speed graph.

POWER/SPEED DIGITAL DISPLAY



Shows the speed and power of the vehicle in numerical form and allows you to select between a digital display of power or speed. To select between the two digital displays available, press ENTER once, then use the up/down keys to select which quantity and scale you wish to use. When selected, press ENTER to confirm. Or refer basic operations to set appropriate speed and power graph.

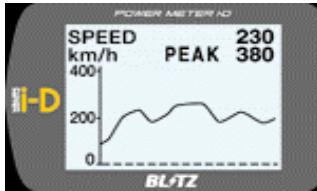
NOTE: SPEED is only available in km/h in this function.

GRAPHICAL POWER DISPLAY

Shows a graphical representation (real time) of power produced with a numerical peak record at the top of the screen. Can show power in HP, PS, kW. To change the graph scale press ENTER once and the power unit at the top left of the screen will appear highlighted. Use the up/down keys to select a suitable scale and press ENTER once to confirm. Or refer to basic operations to set appropriate power graph.

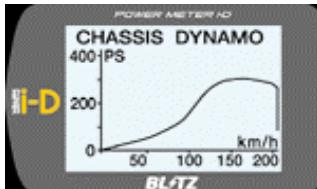
REFER to picture below for screen appearance.

GRAPHICAL SPEED DISPLAY



Shows a graphical representation (real time) of vehicle speed in either mph or km/h. It also has a numerical peak record at the top right of the screen. To change the graph scale press ENTER once and the speed unit at the top left of the screen will appear highlighted. Use the up/down keys to select a suitable scale and press ENTER to confirm. Or refer to basic operations to set appropriate speed graph.

CHASSIS DYNAMO



Plots power against speed (real time) in graphical display. This enable you to see where your vehicle's power to speed ratio. The Power Meter shows you an accurate representation of the vehicles power curve. To adjust the graph scale, press ENTER once and the power unit on the top left corner will be highlighted, then press up/down button to adjust scale suitable to your vehicle. To adjust speed graph, press ENTER again, and the speed unit on the bottom right will become highlighted, then press up/down button to adjust speed graph suitable to your vehicle. (Or refer to basic operations to set speed and power graph). To see max NET power, press ENTER one more time and NET power will be display in the middle of screen.

*Power test will be best done in third gear, starting from low RPM until you reach red line. This test can also be done during accelerating through the gears. It is more accurate to test the car in one gear.

***Power read out will not be accurate if the weight and calibrations are not set correctly. If vehicle has larger/smaller diameter wheels, this will also cause the power/speed read out to be incorrect.**

DASH MODE



Measures:

1. 0-1/8mile, 0-1/4mile, 0-5/8mile
2. 0-200m, 0-400m, 0-1000m
3. 0-50mph, 0-100mph, 0-200mph
4. 0-100km/h, 0-200km/h, 0-300km/p

In this mode you can select whether you wish to time yourself over divisions of a kilometer or a mile, and time the vehicles acceleration in km/h or mph. To do this you need to select SPD UNIT from main menu and set the speed unit.

To use the DASH mode, with the vehicle being stationery press ENTER to highlight the distance/speed display in the top right hand corner of the screen. Use the up/down button to select which distance or speed you wish to use. Press ENTER once to select your chosen dash and READY will appear on the screen. Once the car moves, the Power Meter will automatically start counting until the goal is reached. Press ENTER to reset.

LAST RECORD



This mode will automatically record your last six times using the dash function and store it in memory.

WARNING

The Power Meter allows the operator to set warnings for both speed and power. Scroll down to WARNING in main menu and press ENTER. Use the up/down button to set power and speed warnings.

POWER LOSS CHART

Vehicle Type		Settings	
Passenger vehicles		2WD	4WD
under 1000cc		1	1
1000cc - 1600cc Naturally Aspirated		-2	-2
1601cc and up Naturally Aspirated		0	0
All Turbo/Supercharged		0	0
Sedans		2	2
Stationwagon		2	2
Minivans		3	3
SUV		5	5
RV		8	8
Other	*JZA80 Supra TT 93~	-5	-5

IMPORTANT - Blitz does not promote the use of this product on public highways. Please obey all local speed laws. Blitz is not responsible for any accidents or tickets while using this products. Blitz products are listed for sale and use for offroad vehicles only. Installation of Blitz products may void factory warranty.