



INSTRUCTIONS FOR OPERATING QUANTUM PRO SCALES

1. Place a scale pad next to each wheel of your vehicle with the cable attachment facing towards the center of the vehicle. (This will help eliminate the possibility of kicking or stepping on the cable attachment.)
2. Attach cables to corresponding pads.
3. The "OFF/ON" switch is located on the front of the control panel. The rechargeable battery receptacle is on the front of the control panel.
4. Before placing the vehicle on the scale pads you will need to zero the system. Turn the system "ON" and wait until the track mode is displayed and the weight/percentage screen comes on then press the "ZERO" button. If you wish to read in Kilograms press the "LB/KG" button now.
5. Place the vehicle on the scale pads centering them as close possible and settle each corner
6. The weight/per cent screen (large upper screen) will automatically display
 - LEFT (both left wheels), WT/%
 - REAR (both rear wheels), WT/%
 - RF-LR (cross-right front & left rear), WT/%
 - RIGHT (both right wheels), WT/%

In addition the small displays will read display the actual weight of each wheel and the total (center small display) weight.

STORE TRACK MEMORY

1. Press the "STORE SET-UP" button, follow the directions on the screen. Enter track number 1 to 200 then press the "ENTER" button. If you make a mistake entering the numbers, press the "CLEAR" button and you will be able to enter the correct numbers.

Information has now been stored in memory. New track information will automatically overwrite previous track information for that track number.

RECALL SET-UP

1. Press the "RECALL SET-UP" button.
2. Follow the directions on the screen and enter the track number 1 to 200 you wish to recall. Press "ENTER".

Car does not have to be on the scales to use "RECALL".

TO SET UP CAR TO DESIRED WEIGHTS

1. Press the "TARGET" button.
2. Follow the directions on the screen and enter the total weight. Press the "ENTER" button.
3. Enter Left %, Press "ENTER" button.
Enter Rear %, Press "ENTER" button.
Enter Cross %, Press "ENTER" button.

The large screen will show calculated weights and percent of total weight for each wheel, while the small displays will display the actual weights. This allows you to adjust wheel weight to meet your targeted set-up weights.



CENTER OF GRAVITY

1. Press the "CG" button.
2. Follow the directions on the screen.
3. Enter the tread width (distance between the wheels - side to side), then press the "ENTER" button.
4. Enter the wheelbase (center of front wheel to center of rear wheel), then press the "ENTER" button.
The large screen will display right to left location of center of gravity and front to rear location of center of gravity.
5. To continue Press the "ENTER" button.
6. Enter the height you raised the rear of the car (spindle center line of the rear spindle), then press the "ENTER" button.
The screen will display
Rear to Left location of Center of Gravity,
Front to Rear location of Center of Gravity,
Center of Gravity above spindle center line.
7. Press any key to exit.

MODES OF OPERATION

The scale can be operated in four different modes.
You can change modes by pressing the "WT/%" button.

1. CIRCLE TRACK MODE REAR WEIGHT displays
Left weight and percentage of total
Rear weight and percentage of total.
Right Front/Left Rear cross weight and percentage of total
Right weight and percentage of total
2. ROAD RACE MODE REAR WEIGHT displays
Left weight and percentage of total
Rear weight and percentage of total.
Right Front/Left Rear cross weight and percentage of total
Right weight and percentage of total
3. CIRCLE TRACK MODE FRONT WEIGHT displays
Left weight and percentage of total
Rear weight and percentage of total.
Right Front/Left Rear cross weight and percentage of total
Right weight and percentage of total
4. ROAD RACE MODE FRONT WEIGHT displays
Left weight and percentage of total
Rear weight and percentage of total.
Right Front/Left Rear cross weight and percentage of total
Right weight and percentage of total

When the scales are turned on they will be in the same mode as when they were last used.

IMPORTANT NOTES

1. Do not press the zero button while the vehicle is on scale pads. This will required you to raise the vehicle and re-zero the system.
2. If you make a mistake entering any numbers, press the "CLEAR" button and you will be able to start over and enter the correct numbers.
3. To charge the batteries, plug in the 110 AC adapter.
4. The batteries will also recharge while you are using the system with the 110 AC adapter.
5. Use caution while placing the vehicle onto the scale pads. A heavy vehicle dropped hard onto the pads may damage the load cells.
6. If you are using your scale in cold weather, allow a few minutes for the system to warm up.

