



Far Beyond Technology Corp.
851 Kipling Drive
Yorktown Heights, NY 10598
914-245-9050
1-877-328-7010
www.fbtcorp.net

Truck Weight System ev. 02 – Junio/08

ON - BOARD TRUCK WEIGHT SYSTEM

User's Manual



Far Beyond Technology Corp.
851 Kipling Drive
Yorktown Heights, NY 10598
914-245-9050
1-877-328-7010
www.fbtcorp.net

Truck Weight System ev. 02 – Junio/08

1. Introduction.

Far Beyond Technology, FBT, is an American company that has developed and sold with great success its **On-Board Truck Weight System** weighing system.

The weighing system **On-Board** is the most accurate, convenient and reliable way to maximize loads per axle.

Weighing is performed by means of sensors attached to the suspension system of the vehicle.

Those sensors send the information of the weight on each axle of the vehicle to a central computer and it is represented on a screen on the dash of the cabin.

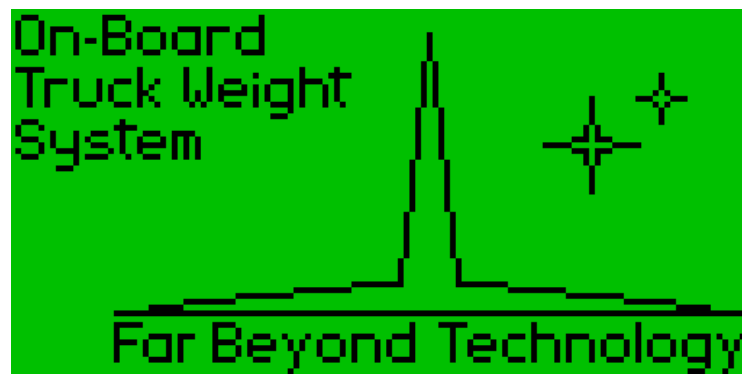
Resides, the vehicle is set for a maximum load and in case that value is exceeded a sound alarm is activated and the screen will turn red as a warning of the situation.

The weight data is stored in the system's memory.

2. System Start up

The system is **On** when the vehicle is started up. This way the system is energized and it will be shown on the screen.

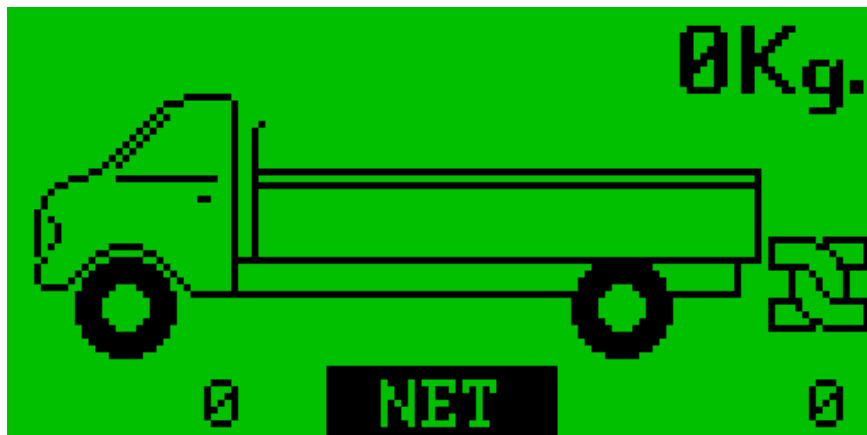
3. Main screen



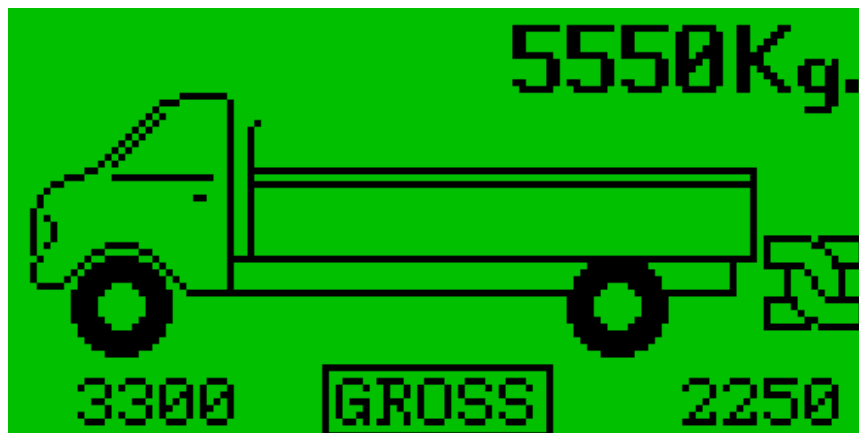
It's a **touch screen** and desired information can be obtained by touching it.

4. Visualisation of truck and trailer

Touch the Main Screen once and the representation of the vehicle, will appear on the screen:



- Touch on the “NET” button to select “NET” weight or total “GROSS” weights.
- Total weight of the vehicle in Kg / Lb (see physical config). appears in upper right corner of the screen.
- Touch the front wheel and the total weight on the front axle of the truck will appear on the lower left corner of the screen.
- Touch the rear wheel and the total weight on the rear axle of the truck will appear on the lower right corner of the screen.
- Touch on the coupling piece and the trailer will appear on the screen



5. Menu

To access the “Menu” screen press the Menu key on the keyboard below the screen.

By touching “F5” on the screen or the key



the menu folds down:

```

4. Individual weight
11. Tare
14. FRONT AXES
15. REAR AXES
16. Configuration
21. Night light

ESC NXT UP DWN ENT
  
```

Each one of these items can be accessed by touching the screen or with the Up and Down keys on the keyboard and then the key



5.1. Individual weight

When “Individual Weight” is touched on the “Menu” screen, all the individual weights per node will appear.

```

N 1>      0  N 6>      0
N 2>      0  N 7>      0
N 3>      0  N 8>      0
N 4>      0  N 9>      0
N 5>      0  N10>     0
  
```


The weight of each node represented on the screen will be “Gross” or “Net” of tractor or trailer, depending on what has been selected on the screen.

5.2. TARE

By entering the screen “TARE”, the vehicle can be tarred every time it’s needed



This process should be done as follow:

- 1- Vehicle must be empty on a plane level surface
- 2- While on this menu press TARE
- 3- Confirm whith F2 or print key
- 4- Press F5 or  key

To go back to the “Menu” screen press the “Esc” key.

Important: TARE should by done when the NET of the vehicle is greater than cero on empty.

5.3. Front Axes

When “Front Axes” is touched on the “Menu” screen, all the individual weights per axle will appear.





Far Beyond Technology Corp.
851 Kipling Drive
Yorktown Heights, NY 10598
914-245-9050
1-877-328-7010
www.fbtcorp.net

5.4. Rear Axes

When “Rear Axes” is touched on the “Menu” screen, all the individual weights per axle will appear.

REAR AXES	0
	0
	0
	0
	0

5.5. Configuration (password required)

See configuration procedures on installation manual

5.6. Night Light

This feature is used to reduce backlight on display when driven at night
To go back to main screen touch display.

