QUICK SETUP GUIDE: PM1100D V 3.0

The PM1100D On Board Weight Indicator is ideal for tipper vehicles. It is designed to be simple to operate, giving the driver extremely accurate payload weight information when he needs it, where he needs it. If you need any help using your indicator, call our help desk on 01274 822999, our Service Team will be happy to assist.
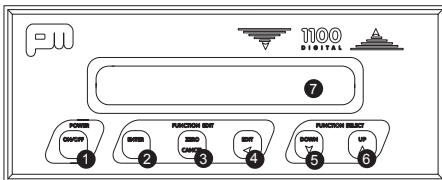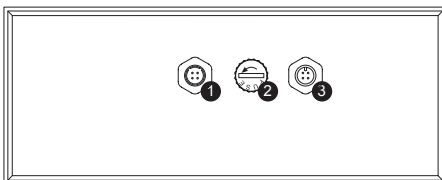
THE INDICATOR

Front Panel Identification

1. **POWER ON/OFF**
   Turn unit on or off by pressing POWER ON/OFF button.

2. **ENTER KEY**
   the enter key is used to complete an operation.

3. **ZERO/CANCEL KEY**
   A dual purpose key used to zero the currently displayed weight. To avoid accidental zeroing of the display, hold the zero key until a beep is heard.

4. **EDIT KEY**
   To change a selection option.

5. **DOWN KEY**
   To scroll down menu options.

6. **UP KEY**
   To scroll up menu options

7. **LCD WEIGHT DISPLAY**
   Shows weights in Kgs, backlit for night operations.

Rear Panel Identification

1. **POWER CONNECTOR/ALARM OUTPUT**
   Power input:- use 12 - 28 Vdc @ 2A. Do not connect any other power source as damage to the unit may result. Alarm Output:- nom 12 - 24v (approx supply voltage) available to operate an external alarm sounder.

2. **FUSE**
   The unit is protected by a slow-blow 2 Amp fuse.

3. **SIGNAL CONNECTOR**
   The unit is designed to accept the PM 'Interlink" Indicator connector.

BRIEF OPERATING INSTRUCTIONS

When the display is showing net, use the up and down keys to scroll through the functions.

MENU NET MODE

NET   2500Kg
This shows the weight of the load the vehicle is carrying.

ALARM   5000Kg
This shows the weight setting for the alarm. The alarm will sound when the weight is reached i.e. when the **NET** weight matches the alarm setting. Press the **ENTER** key to activate / deactivate, the alarm setting.

BRILL - - - ◢ - - -
This allows the brilliance (brightness) to be altered for better visibility. Press the **EDIT** key, the cursor will start to flash. Use the **UP** and **DOWN** arrows to alter the brilliance. Press **ENTER** when the required setting is reached.

CONTR - - - ◢ - - -
This allows the contrast to be altered for better visibility. Press the **EDIT** key, the cursor will start to flash. Use the **UP** and **DOWN** arrows to alter the contrast. Press **ENTER** when the required setting is reached.
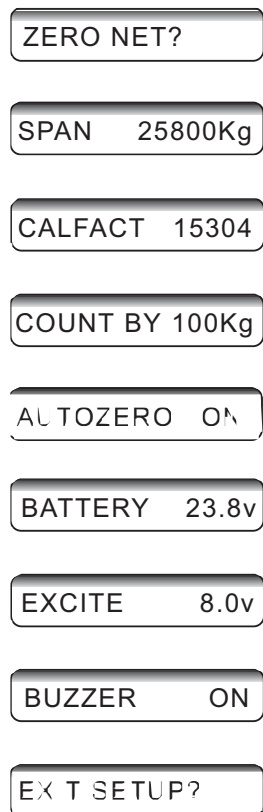
TO SET ALARM

1 Press the **UP** Key until display shows '**ALARM**'
2 Press **EDIT** Key to start cursor flashing.
3 Press the **UP** Key to move figures up (1-2-3) or Press **DOWN** Key to move figures down (3-2-1).
4 Press **EDIT** Key to move cursor to the next figure.
5 Once you have the weight you want the alarm to go off at, Press the **ENTER** key which will stop the cursor flashing.
6 Press the **UP** Key until the screen shows '**NET**'
7 Press the **ENTER** Key and wait until you hear a bleep from the display to arm or disarm the alarm. If an '**(((**' is next to '**NET**' on the display, then the alarm is Armed, if not then the alarm is Disarmed.

TO ZERO

1 Press the **UP** Key until the display shows **NET** on the left hand side of the screen.
2 Press & hold down the **ZERO** Key until you hear a bleep from the display then the display will zero, if the weight is less than 1000Kg. If the weight on the display is more than 1000Kg then the display will show '**NOT EMPTY**' and therefore will not zero.
3 If '**NOT EMPTY**' displays on screen then the system may need recalibrating or check that the vehicle is properly empty.

WORLD CLASS VEHICLE WEIGHING SYSTEMS

MENU
SETUP MODE

- ZERO NET?
- SPAN   25800Kg
- CALFACT   15304
- COUNT BY 100Kg
- AUTOZERO   ON
- BATTERY   23.8v
- EXCITE   8.0v
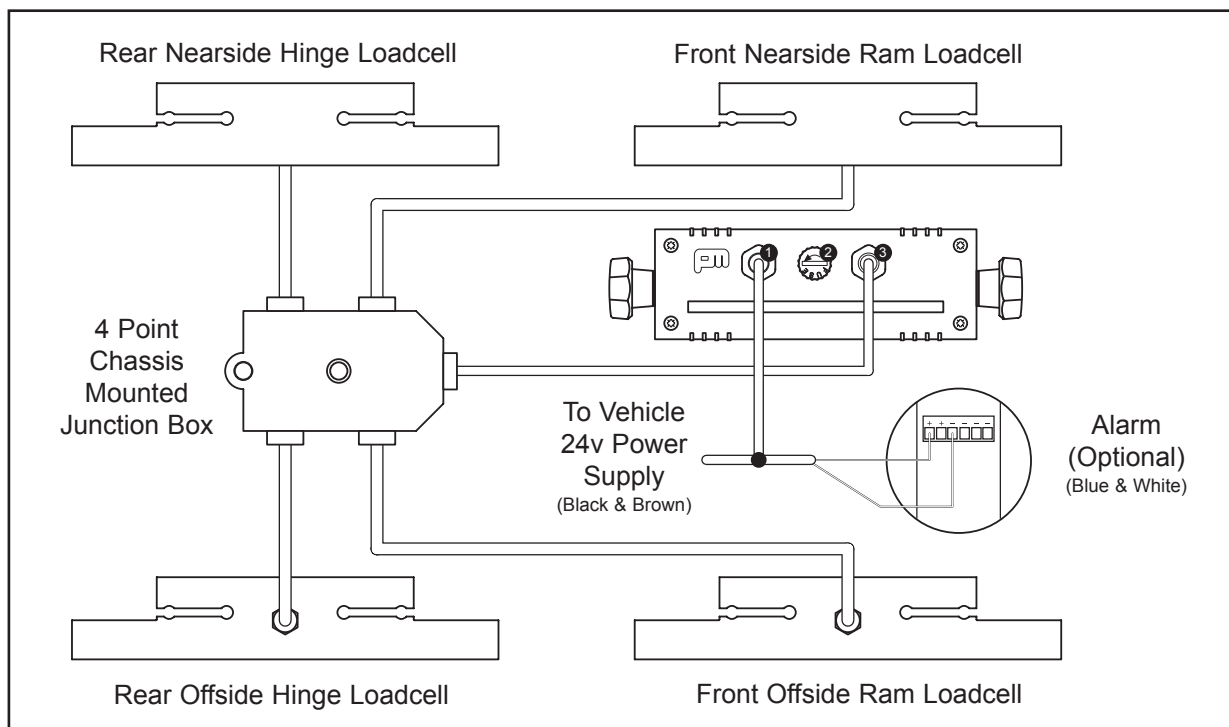- BUZZER   ON
- EXIT SETUP?

TO SET ZERO (EMPTY BODY)

1. Press the **POWER** Key & wait for the screen to show '**NET**'.
2. Lift the Empty body approximately 8 inches off the chassis.
3. Press and hold down the **POWER** Key until screen shows '**SET-UP**', then take your finger off the **POWER** Key.
4. Display shows '**SET ZERO**' -if not, press the **UP** Key until screen shows '**SET ZERO**'.
5. Press the **ENTER** Key to zero the display, if ok to zero press **ENTER** Key again to confirm.
6. Press the **UP** Key until the screen shows '**EXIT SET-UP**' then press the **ENTER** key to exit.

TO CALIBRATE SPAN (FULLY LOADED BODY)

1. Press the **POWER** Key & wait for screen to show '**NET**'.
2. Lift the Loaded body approximately 8 inches off the chassis.
3. Press and hold down the **POWER** Key until screen shows '**Enter SET-UP**', then take your finger off the **POWER** Key.
4. Press the **UP** Key until the screen shows '**SPAN**'.
5. Press **EDIT** Key to start cursor flashing.
6. Pressing the **EDIT** Key moves the cursor to the next figure, The **UP** or **DOWN** Key will change the figure that the cursor is flashing on.
7. Once you have the NET or PAYLOAD weight you have in your vehicle on the screen, press the **ENTER** Key to stop the cursor flashing, then press **ENTER** again to confirm calibration.
8. Press the **UP** key until the screen shows '**EXIT SET-UP**' then press the **ENTER** key to go back to net mode.

TYPICAL WIRING DIAGRAM FOR TIPPER INSTALLATION

Rear Nearside Hinge Loadcell

Front Nearside Ram Loadcell

4 Point Chassis Mounted Junction Box

To Vehicle 24v Power Supply (Black & Brown)

Alarm (Optional) (Blue & White)

Rear Offside Hinge Loadcell

Front Offside Ram Loadcell