QUICK SETUP GUIDE: PM1200D

TO SET NET ALARM

1 press the **MODE** button until display shows **NET**
2 press the **CHANNEL** button until display shows **Net ALM**.
3 Press the **PRINT** button to start the cursor flashing.
4 Press the **MODE** button to move the figures up (1-2-3). Or press the **CHANNEL** button to move the figures down (3-2-1).
5 Press the **PRINT** button to move the cursor to the next figure.
6 Once you have the weight you want the alarm to go off at, Press the **ENTER** button which will stop the cursor flashing.
7 Press the **ENTER** button & wait until you hear a BLEEP from the display, to Arm or Disarm the alarm. If an '**X**' is next to **Net ALM** on the display, then the alarm is Disarmed, If not then the alarm is Armed.
8 Press the **CHANNEL** button to go back to Net Operation.

TO SET LOAD ALARM

1 Select LOAD mode by pressing **MODE** button until display shows **Load**.
2 Press the **CHANNEL** button until display shows **Load ALM**.
3 Follow steps (3-6) from **TO SET NET ALARM** above.
4 Press the **ENTER** button & wait until you hear a BLEEP from the display, to Arm or Disarm the alarm. If an '**X**' is next to **Load ALM** on the display, then the alarm is Disarmed, If not then the alarm is Armed.
5 Press the **CHANNEL** button to go back to Load Operation.

TO ZERO NET

1 Press the **MODE** button until display shows **NET** on left hand side of the display.
2 Press the **ZERO/CANCEL** button & wait until you hear a BLEEP from the display, then the display will zero, if the weight is less than 500Kg
3 If **NOT EMPTY** appears on the screen then the system may need recalibrating or check that the vehicle is properly empty.

TO ZERO LOAD

1 Press the **MODE** button until display shows **LOAD** on left hand side of the display.
2 Press the **ZERO/CANCEL** button & wait until you hear a BLEEP from the display, then the display will zero, This can be used to weigh each bin, This is done by zeroing the display before weighing each bin.

TO PRINT NET

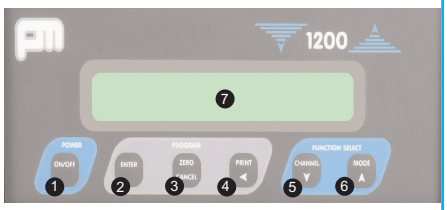
Press the **PRINT BUTTON** when in net mode.

TO PRINT LOAD

Press the **PRINT** Button to print a load ticket, this can be used to print a ticket for each bin, this is done by printing after each bin.

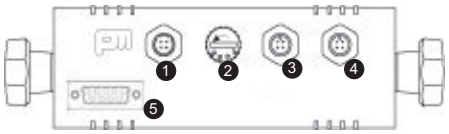
THE INDICATOR

Front Panel Identification



1. **POWER ON/OFF**
   Turn unit on or off by pressing POWER ON/OFF button.
2. **ENTER button**
   the enter button is used to complete an operation.
3. **ZERO/CANCEL button**
   A dual purpose button used to zero the currently displayed weight. To avoid accidental zeroing of the display, hold the zero button until a beep is heard.
4. **PRINT button**
   This button is multipurpose, it can be used to Print the currently displayed weight, used to commence an editing operation and steps the cursor along the line during editing.
5. **CHANNEL button**
   To scroll down menu options.
6. **MODE button**
   To scroll up menu options
7. **LCD WEIGHT DISPLAY**
   Shows weights in Kgs, backlit for night operations.

Rear Panel Identification



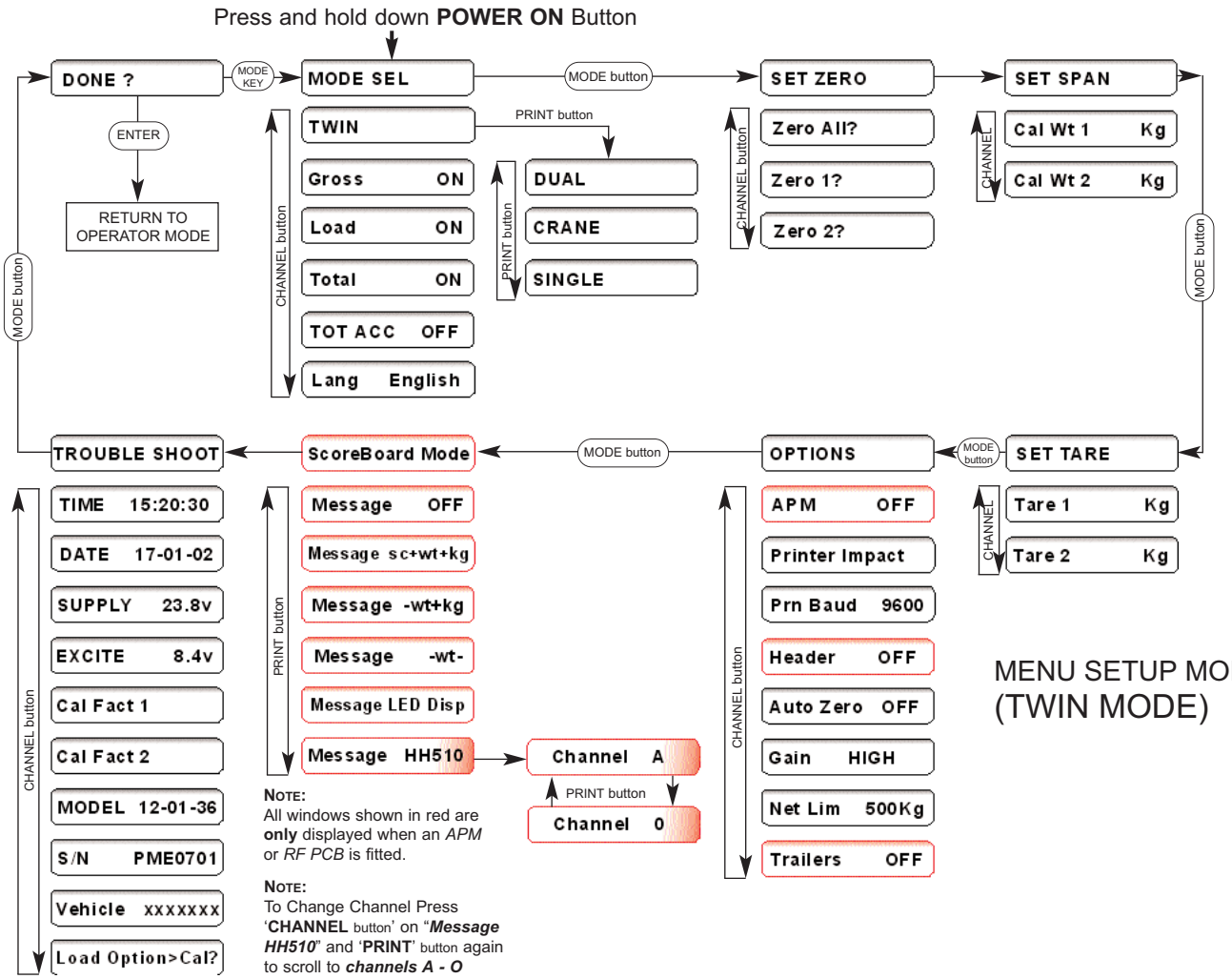
1. **POWER CONNECTOR / ALARM OUTPUT**
   Power input:- use 12 - 28 Vdc @ 2A. Do not connect any other power source as damage to the unit may result.
   Alarm Output:- nom 12 - 24v (approx supply voltage) available to operate an external alarm sounder.
2. **FUSE**
   The unit is protected by a slow-blow 2 Amp fuse.
3. **CHANNEL 1**
   Input from loadcell channel 1.
4. **CHANNEL 2**
   Input from loadcell channel 2.
5. **PRINTER PORT**
   RS232 Communications port.

MODE Button (toggles through menu weighing mode to the right)

CHANNEL Button (toggles down menu)

NET 25000Kg	GROSS 35000Kg	LOAD 5000Kg	TOTAL 1000Kg	Time 15 : 23 : 51	DISPLAY
Net ch1 25470Kg	Gr ch1 30470Kg	Ld ch1 331Kg	Tot ch1 0Kg	Date 04-01-01	Brill 6
Net ch2 25470Kg	Gr ch2 25320Kg	Ld ch2 479Kg	Tot ch2 0Kg		Contr 7
Net ALMx 90000Kg	Gr ALMx 99000Kg	Ld ALMx 99000Kg	Tot ALMx 99000Kg		Count by 10
					Filter 8

MENU WEIGHING MODE
(TWIN MODE)



MENU SETUP MODE
(TWIN MODE)

NOTE:
All windows shown in red are **only** displayed when an *APM* or *RF PCB* is fitted.

NOTE:
To Change Channel Press '**CHANNEL** button' on "***Message HH510***" and '**PRINT**' button again to scroll to ***channels A - O***

PM1200 CALIBRATION (TWIN)

For articulated vehicles using fiftrh wheel cells, plus an air sensor on trailer. Usually non-tipping.

TO SET TWIN

1 Ensure trailer is unloaded.
2 Turn display on with **ON / OFF** button
3 Wait for display to go through start up procedure and settle on **NET/GROSS/LOAD** etc.
4 Press & hold ON/OFF button & hold until **MODE SELECT** is displayed then release button.
5 Press **CHANNEL** button repeatedly until **TWIN** is shown.
6 Press **ENTER** button once save the selection.
7. Split-weight the vehicle on a flat, non ramped weighbridge. To do this put tractor only (with trailer connected) on weighbridge and record weight. Pull forward until whole vehicle on weighbridge and record weight. Take the tractor weight from the whole vehicle weight, this will give you the weight of the trailer. These two weights will be used for tare weights, (tare weight 1 - tractor, tare weight 2 - trailer).
8. Press **MODE** button repeatedly until **SET ZERO** is displayed.
9. Press **CHANNEL** button repeatedly until **ZERO ALL** is displayed.
10. Press **ENTER** button once until to confirm zero.
11. Press **MODE** button repeatedly until **SET TARE** is displayed.
12. Press **CHANNEL** button to select **TARE 1**, now press **PRINT** button to start cursor flashing. To edit this figure to match the reading just taken for **TARE 1** use the **PRINT** button to move the cursor along, and the **MODE** and **CHANNEL** buttons to change the number. Once the figure is obtained press the **ENTER** button to stop the cursor and save the reading.
13. Press the **CHANNEL** button again to select **TARE 2** and repeat the previous process to enter the figure for **TARE 2**.
14. Load the vehicle to full capacity and split weigh the vehicle again as before. Note the weights.
15. Take the **TARE1** weight from the tractor weight when fully loaded to give you the **NET WEIGHT** for channel 1, (Cal weight 1).
16. Take the **TARE2** weight from the tractor weight when fully loaded to give you the **NET WEIGHT** for channel 2, (Cal weight 2).
17. With the weights calculated, press the **MODE** button while in Setup, to scroll to **SET SPAN**.
18. Use the CHANNEL button to scroll to **CAL WT 1** and enter the **NET** weight for **CAL WT 1**. When done press the **ENTER** button twice to save.
19. Use the **CHANNEL** button to scroll to **CAL WT 2** and follow the previous procedure to enter the **CAL WT 2** figure.
20. Press the **MODE** button to scroll to **DONE?**, and press the **ENTER** button to exit Setup.

PM1200 CALIBRATION (SINGLE)

TO SET ZERO

1 Lift the body of the trailer so that it is about 8" off the chassis.
2 Switch on the display & wait for the screen to show **NET**
3 Press and hold down **POWER** button until display shows **SETUP**
4 When display shows **MODE SEL** press the **MODE** button once until display shows **SET ZERO**
5 Press the **CHANNEL** button until display shows **ZERO 1** then press the **ENTER** button to start the zero.
6 The display will show **WAIT** then show **ZERO OK**
7 Press the **MODE** button until display shows **DONE** then press the **ENTER** button to exit.

TO SET SPAN (NET)

1 Load the vehicle with a full known load as close as to the vehicles MAX payload weight as is possible.
2 Lift the body of the trailer so that it is about 8" off the chassis (*Tipper Vehicles Only*).
3 Switch the display on & wait until the display shows **NET**
4 Press & HOLD DOWN the **POWER** button until the display shows **SETUP**
5 When the display shows **MODE SEL** press the **MODE** button until the display shows **SET SPAN**
6 Press the **CHANNEL** button once to select **CAL WEIGHT 1** & then press the **PRINT** button to start the cursor flashing.
7 To change figures:
MODE button - changes figures (1-2-3)
CHANNEL button - changes figures (3-2-1)
PRINT button - Moves cursor to next figure

8 Once you have the **NET** weight on the display Press **ENTER**.
9 The cursor will stop flashing, then press the **ENTER** button to confirm the calibration, then the display will show **WAIT** then **CAL O.K.**
10 Press the **MODE** button until display shows **DONE** then press the **ENTER** button to exit set-up.

NOTE: For **TWIN,** press **CHANNEL** button to display **CAL Wt 2**' and repeat steps 6-8

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