



Valuweigh
7XXSoftware

Operation Manual and User Guide

MEAT LABELING SYSTEM

Cardinal 788 Indicator

REVISION A7

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1. Introduction

This application is for the Cardinal 788 programmable indicator and allows to program bands details, make batches according to the preprogrammed bands details, and print labels and store totals in the indicator memory as well as to print it.

2. Main Screen

On power up the 788 indicator will display the MAIN SCREEN

2.1. Explanation of features on the main screen

Centre of Zero – Notifies the user when the scale is completely empty.

Gross weight – Displays the gross weight of materials on the scale.

Tare – Allows the user to tare a weight on the scale e.g. the weight of a container.

Zero – Allows the user to manually zero the scale.

Menu – Supervisor area of the program where various settings can be changed.

See section 2.

About – Displays the details of the software.

Time – Allows the user to change the time and date.

ID – Begins the weighing process of entering the PLU details. **See section 3.**



The “BANDS NOT SET!” prompt mean that it is necessary to set BANDS details in setup. In case if BANDS details complete and weight on a scales not in BANDS range the screen will show prompt “WEIGHT NOT IN SET RANGES”



2.2. 788 alphanumeric keypad



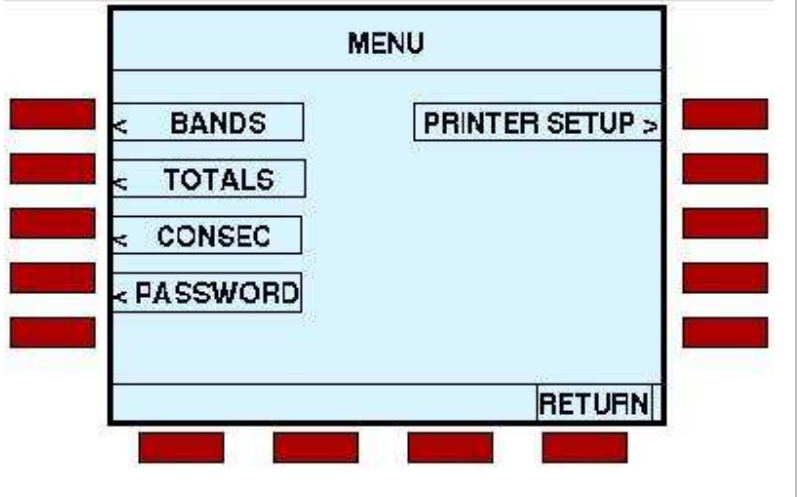
777 keypad has 44 buttons which may be used to input alphanumeric information. Other than the alphanumeric keys there are other buttons such as: **ENTER**, **SPACE**, **SHIFT** and **BACKSPACE** (←).

- ENTER** - used to confirm end of data input.
- SPACE** - used to put spaces between characters.
- SHIFT** - used to change character's case.
- BACKSPACE** - used to delete previously entered character.

Before you start feeding process it is necessary to input process details.

3. Menu

After the MENU button on the main screen is pressed the user is prompted to enter a password. This is defaulted as **2909** but can be changed within the supervisor menu. After the password has been entered the screen will show MENU screen:

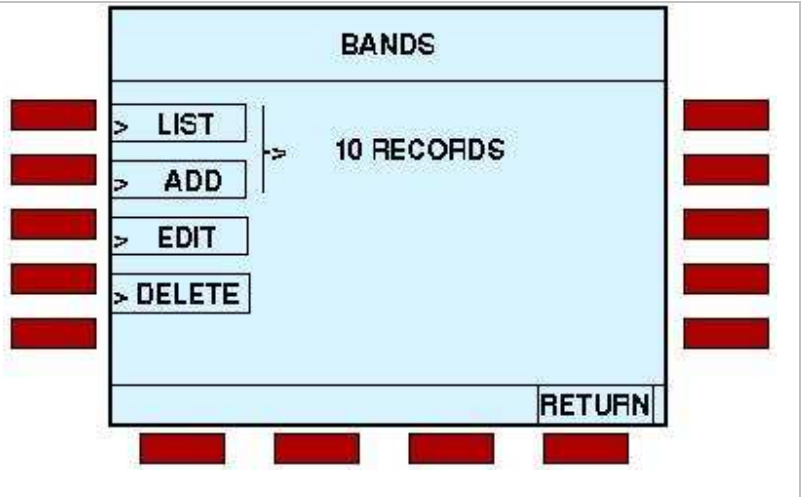


3.1. Explanation of features in the menu

3.1.1. BANDS

After pressing the BANDS key following screen will be shown:

N.B. Pressing the **RETURN** key at any time will return the program to the previous screen.



Pressing **LIST** will display a list of the currently entered BANDS. Here the currently saved BANDS can be viewed.

BANDS/(10REC)	
A 5.00 - 6.99 kg WH: 5.60 £ BR: 7.80 £	F 30.01 - 34.49 kg WH: 2.45 £ BR: 2.61 £
B 9.00 - 13.49 kg WH: 4.50 £ BR: 5.70 £	G 34.50 - 40.99 kg WH: 2.45 £ BR: 2.67 £
C 13.50 - 17.99 kg WH: 3.55 £ BR: 3.60 £	H 41.00 - 45.00 kg WH: 2.45 £ BR: 2.69 £
D 18.00 - 24.00 kg WH: 3.00 £ BR: 4.00 £	I 45.01 - 47.99 kg WH: 2.45 £ BR: 2.33 £
E 24.01 - 30.00 kg WH: 2.45 £ BR: 2.60 £	J 48.00 - 50.49 kg WH: 2.45 £ BR: 2.33 £
EXIT	

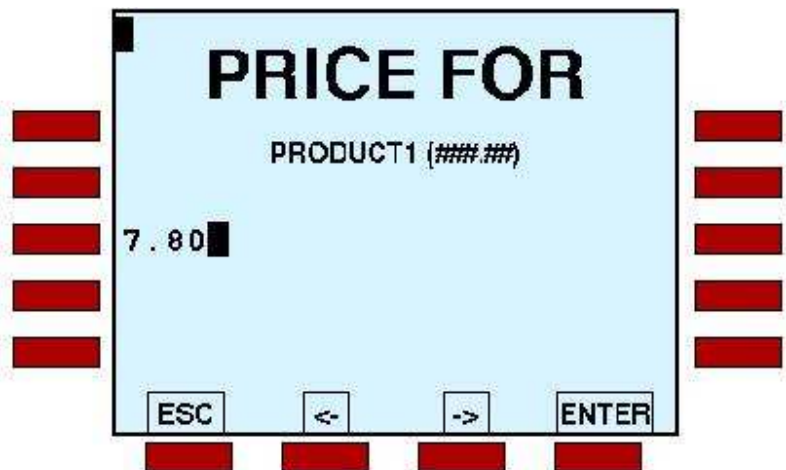
Pressing **ADD** will allow up to 10 BANDS to be entered. The name of the BANDS program ordered automatically. Band's ranges (MAX & MIN) can be entered via the qwerty keyboard on the 788 indicator.

BAND J MIN	
RECOMMEND 48.00 kg	
48.0	
ESC <- -> ENTER	

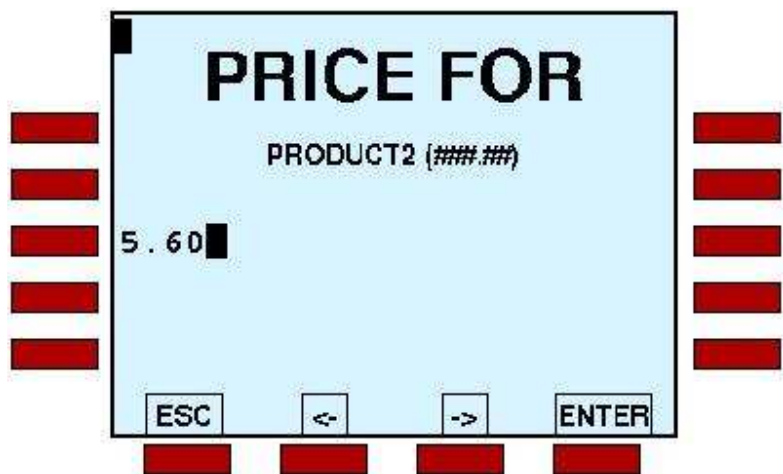
After the min. band range has been entered press **ENTER**. The screen will show max. band range input box.

BAND J MAX	
<input type="text"/>	
ESC <- -> ENTER	

After the band ranges entering process has been completed and the **ENTER** button pressed the screen will show price input box for first product type,



And then price input box for second product type. Here the product price per kilo can be entered or edited via the 788 keyboard.



3.1.2. TOTALS

After pressing the red quick key beside **TOTALS** the indicator will send totals data to printer to print totals for weight and quantity of products of two types for every band.

3.1.3. CONSEC

The red key beside **CONSEC** allow user to change consecutive number of transaction.

3.1.4. PASSWORD

After pressing the red quick key beside **PASSWORD**, the current password can be seen and a new password entered via the 788 keyboard.

3.1.5. PRINTER SETUP

In this section the printer and PC link settings can be altered. Please consult the system supplier.

Possible serial settings for COM port

Possible values for selection are as follows:

Port - 1, 2 (1 port are available only in NON TRADE mode)

Baud rate - 2400, 4800, 9600, 19200, 38400;

Parity - N=none, E=even, O=odd, M=mark;

Data bits - 7 or 8;

Stop bits - 1 or 2;

4. General Operating Procedure

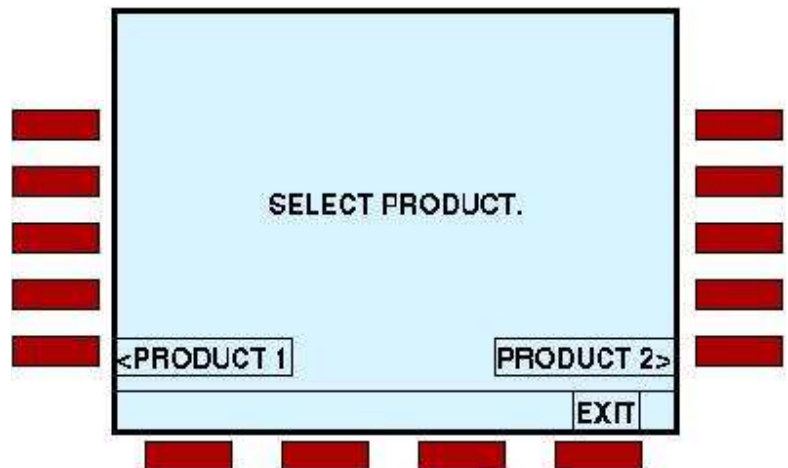
Place the product on the scale.

If product weight coincides to specified range the following screen will be show.

In another case the prompt “WEIGHT NOT IN SET RANGES” will be shown.



Press the red quick key beside the BATCH button and select the type of product in the next screen.



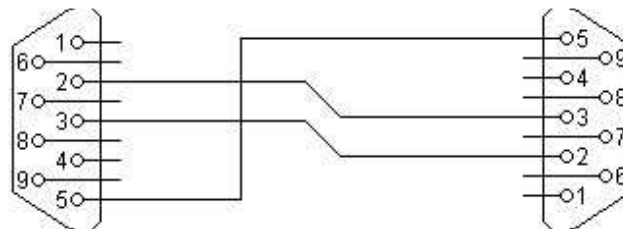
6. Troubleshooting

This section covers any problems that may arise when using the system.

- The indicator needs to see zero weight to register a change of weighing object
- The weight is more than zero and less than 20 intervals of the calibration of the 788 indicator. The weight may be too small for the system to register it as a valid weight to be printed
- Platform was unstable and in motion when the button was pressed
- The weight was not in the normal operation range, i.e. it was below zero or the platform was over capacity
- COM port settings of the printer on the 788 are different from the actual printer connection.

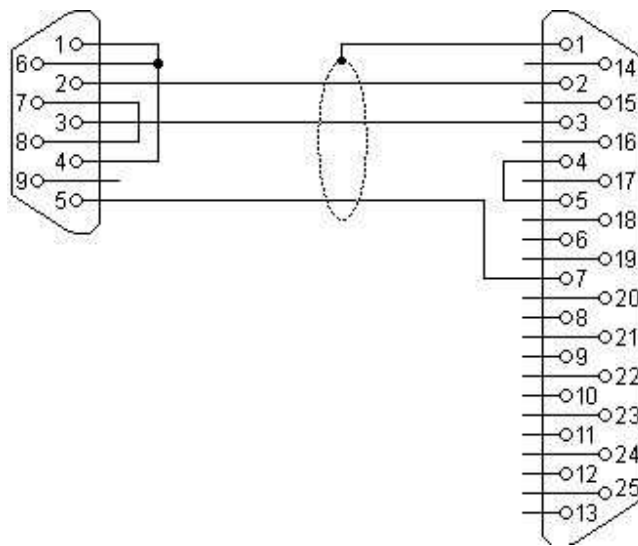
7. Connections and cables

The cable that should be used to connect the external device to the 788 indicator has a 9 pin female connector on both sides.



Download cable 9 pin female 788 to 9 pin female PC

However, some PC models use a COM port which may have 25 pin connector.



Download cable 9 pin female 777 to 25 pin female PC

In some cases there is a chance that the hardware port from the PC or the 788 is damaged or has internal problems. Please be sure that the port is physically working before requesting any software changes.

The easiest way to check both ports is to load the software into the 788 indicator from the PC via a download cable. If the download is successful then there is a bi-directional connection between the PC and the 788 indicator and all communications should work as expected.



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