



Valueweigh
7XXSoftware

Operation Manual and User Guide

ID Master

Cardinal 777 Indicator

REVISION A1

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1. Introduction

This application is for the Cardinal 777 programmable indicator and allows line feeds setting and print ticket on a ASII printer with DATE TIME, CONSEC NO., ID ENTRY, (not stored just printed once but kept on the screen till its changed) GROSS, TARE AND NETT.

1.1 777 Alphanumeric keypad



The 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.

2. Main Screen

On power up the indicator will display the **MAIN SCREEN**. The screen will show,



- The **GROSS** weight is displayed on the top line of the screen. Tare weight “**T**” and nett weight “**N**” is displayed on the second line of the screen. To enter a tare press the TARE button on a left side of indicator screen.

- **CZ** indicates that the weighing platform is at the centre of zero. **BZ** may also be displayed, which indicates the platform is below zero. In this case, or if the display shows a weight when there is no weight on the platform, press the **ZERO** key on the left hand side of the indicator screen. If there is motion on the platform the screen will display **MO**.

3. General Operating Procedure

This section provides a step-by-step guide to completing a weighing process using this 777-software application.

3.1 Empty platform

Ensure that printer are connected and configured properly before starting general operations.

If the platform is empty but the display is not at the centre of zero you need to zero the platform.

Press the **ZERO** button to zero the scale. The Platform must be stable and without any motion (**MO**).

Place a weight on the platform.

Wait until the indication of the motion signal disappears (**MO**).

3.2 Entering a tare weight

To enter a tare weight, press the TARE button. The screen will show,



To accept the CURRENT tare press ENTER or enter a new tare weight via the keypad.

3.2 Enter information

Use the 777 alphanumeric keypad to enter the required ID.



Press the **ID** button to clear the ID or press **BACKSPACE** (←) to delete a number at a time.

4. Output Information

The ID entered, along with the gross, tare, and nett weight, consecutive number, date and time will be printed.

4.1 Sending data to a printer

To Print press the **PRINT** button on a right side of indicator screen. The print out will show,

```
20-09-2004
19:03

ID:007

CONSEC. NO: 4

G: 50040 KG
T: 14000 KG
N: 36040 KG
```

In the example above the data is printed on an ASCII printer.

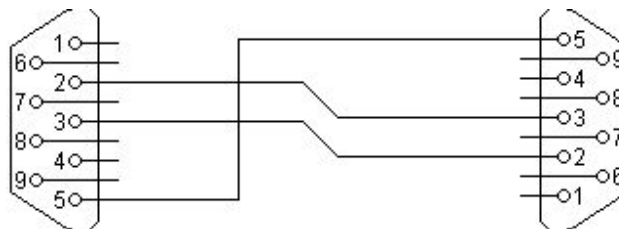
5. Troubleshooting

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

- 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 777 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 777 are different from the actual printer connection.

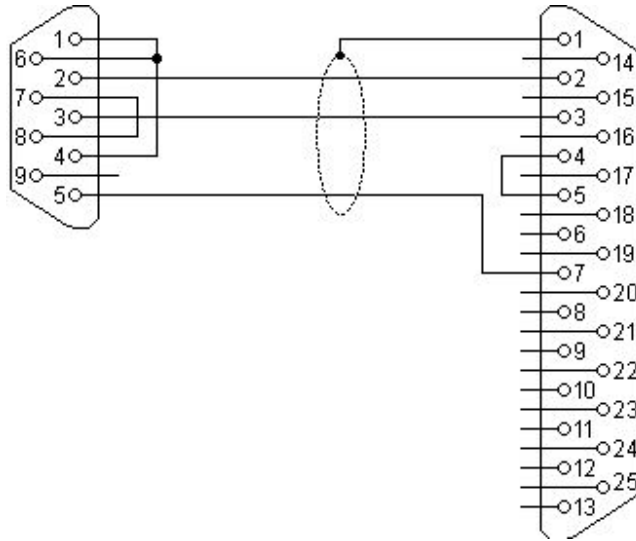
6. Connections and cables

The cable that should be used to connect the external device to the 777 indicator has a 9 pin female connector on both sides.



[Download cable 9 pin female 777 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

Technical information for scale engineers

In some cases there is a chance that the hardware port from the PC or the 777 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 777 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 777 indicator and all communications should work as expected.



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