

Direct RS232 Scale Setup

Supported Touch Versions:

The direct RS232 scale connection was added to Touch v10.0.042 which is the minimum version that supports the connection.

Licence:

Touch needs to be licenced with the scale module.

Touch.ini Settings:

To connect a scale using a direct RS232 connection add the following lines to the touch.ini file.

SCALESERIALINTERFACE=YES

SCALEPORT=COM3

SCALEBAUDRATE=9600

The example above shows the scale port set to COM3 and baud rate at 9600, these need to be set accordingly.

Scale.ini:

Add a file names scale.ini to the Touch folder. The scale.ini file does not require any settings inside but the file needs to be present in the Touch folder.

Back Office Settings:

Touch needs to be set to 3 decimal places for stock quantity and to use stock decimal places in sales mode to be compliant for scale items. The two settings shown below must be set to 3 and YES respectively.

The screenshot shows the 'Settings' application window. On the left is a sidebar with buttons for 'All', 'System', 'Sales Viewer', 'Sales', 'Receipt Printer', 'Remote Printer', 'Accounts', and navigation arrows. Below these is a 'Locate...' section with a text input containing 'DECIMAL' and a 'Search' button. The main area is titled 'Settings' and shows 'Local (modified settings shown in blue)'. It contains a table with two sections: 'System Settings' and 'Sales Settings'. The 'System Settings' section has one row: 'Decimal Places for Stock Quantity' with a value of '3'. The 'Sales Settings' section has one row: 'Use Stock Decimal Places in Sales Mode?' with a value of 'YES'. At the bottom right are 'Save' and 'Exit' buttons.

Option	Setting
Section : System Settings	
Decimal Places for Stock Quantity	3
Section : Sales Settings	
Use Stock Decimal Places in Sales Mode?	YES

Product Scale Settings:

A Unit of sale for **KG** will be required for scale items.

The screenshot shows the 'Product Items' screen with a modal dialog box titled 'Units of Sale' open. The dialog box contains the following fields:

- Unit Of Sale: **KG** (dropdown menu)
- Description Prefix: **KG** (text input)
- Quantity Link: **1.0000** (text input)
- Day rate quantity: ☐ (checkbox)
- Default Selling Unit: ☐ (checkbox)

At the bottom of the dialog box are three buttons: **Delete** (red), **Save** (green), and **Abort** (red). The background screen shows various tabs like Pricing, Stock, Profile, etc., and a table for Sales Price Levels.

There are 3 places in the product maintenance screen where settings for scales are configured.

Tab 1: Pricing

Set the Unit of Sales on the product to KG and set the Volume as shown below.

The screenshot shows the 'Product Items' screen with the 'Pricing' tab selected. The product name is **ROYAL GALA**. The 'Units of Sale' dialog box is not open, but the 'Unit of Sale' is set to **KG** in the 'Sales Price Levels' table. The 'Volume' field is also set to **KG** with a quantity of **1.0000** and a rate of **1.89**.

Price Level	Unit of Sale	Quantity	Price Ex.	Price Inc.	Margin %	Markup %	Profit
1	KG	1.000	£1.89	£1.89	38.27%	62.00%	£0.72

At the bottom of the screen, there are buttons for **First**, **Previous**, **Next**, **Last**, **Show Last**, **Save** (green), and **Cancel** (red).

Tab 2: Profile/Options

The weighable Item tick box below needs to be ticked.

Product Items

PLU **ROYAL GALA**

Pricing **Stock** **Profile** **Comments** **Suppliers** **Recipe** **Alt. PLU's** **Account Recurring Orders**

Settings **Options** **Menus/Condiments** **Remotes/Labels/Ghost Items** **Picture** **Dept. Details**

Stop ☐ Discontinued ☐

PLU is a Ghost Item ☐ Sell as a Condiment ☐ Expiry Dates ☐

Non Stock Product ☐ Delivery Charge PLU ☐ Zero Priced Item ☐

Weighable Item ☒ Voucher Product ☐

PLU is a Recipe ☐ Voucher linked to Account ☐ Produce Voucher Ticket ☐ Request Voucher Serial No. ☐

Exclude from loyalty sale total ☐ Compulsory Stock Required ☐ Post sale comment required ☐ Pre-select for vat change ☐ Compulsory receipt issue ☐ Serial number tracking ☐ NO Return to Stock on Refund ☐ Print on EOD Report ☐ Weight Embedded Barcode ☐

Tab 3: Profile/Settings

The Unit Weight needs to be set to 1.000.

Product Items

PLU **ROYAL GALA**

Pricing **Stock** **Profile** **Comments** **Suppliers** **Recipe** **Alt. PLU's** **Account Recurring Orders**

Settings **Options** **Menus/Condiments** **Remotes/Labels/Ghost Items** **Picture** **Dept. Details**

Department

Preferred Supplier

Supp Code

Unit Weight

Loyalty points per stock unit Customer Allowance points Bonus

Follow-On Key

Price Shifts

Questions

Max Discount % Serial Tracking Min. Characters Max. Characters

Selling Scale Items:

Typically scale items are set up with individual product buttons on the sales screen or can be selected from a department screen. When a scale item is selected the following screens will show.

1. Place an item on the scale

Place Item on the Scale

Weighing:

Weight

0.000 kg

Max Weight: ?

Price

£ 0.00

Accept

Cancel

2. Please Wait – Weighing item

Please Wait - Weighing Item

Weighing:

Weight

0.150 kg

Max Weight: 15 kg

Price

£ 0.19

Accept

Cancel

3. Weighing Complete

Weighing Complete

Weighing:

Weight

0.150 kg

Max Weight: 15 kg

Price

£ 0.19

Accept

Cancel