



Configuration Instructions: Single Cable RS232 Diva~scale using NCR Protocol

Filename: MS2320_K141_NCR_Instructions.doc

Unit
Type: MS2320 StratosH™ Series Date: 04/12/2007

Order the appropriate hardware for this configuration. Model number and cables are listed here:

MK2320-40KD RS232

These cables are included with the kits:

(2) 57-57000A-N-3 – RS232 Cable with Female DB-9 connector

Scanner & Scale Configuration

Scan the following bar codes, one at a time, using the vertical window of the scanner. Wait for the confirmation beep tones after each bar code scan.

Choose either Single line pole display or No pole display

snl In display



scale no display



Scan Single Cable Interface

snl cable



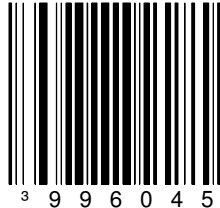
Scanner/Scale Single Cable RS232 Retail/NCR Communication, English

NCR English



Save the Data

Save Data



The scanner is now configured for Single Cable Serial Data.



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Testing

Open MetroSet

Metroset 2 can be downloaded at Metrologic Instruments web site:

<http://www.metrologic.com/northamerica/softwareguides.htm>

Select MetroSet2 configuration & Utility Software from the drop down menu.

After installation has been completed

- Open Metroset 2 and choose Stratos 20xx/21xx/23xx from the list and click on the "Configure Stratos 20xx/21xx/23xx" button to proceed to the configuration screen.
- Open the terminal window.

Single cable communication

1. Configure the scanner/scale for RS232 single cable NCR English (or Metric)
2. Test the scanner

Open MetroSet Terminal Window, scan a bar code, and see that the data appears in the Terminal Window. The data should appear in the following format:

[STX]08<code ID><bar code data>[ETX]<BCC>

<code ID> is the code identifier. Example: "A" indicates UPC-A

<bar code data> is the information in the bar code

<BCC> is for error checking. It can be any ASCII character.

3. Test the scale

Open MetroSet Terminal Window; send the following command string to request the weight:

[STX]11[ETX][ETX]

(In order to get [STX], hold the Alt key while typing 02 on the numeric keypad.)

(In order to get [ETX], hold the Alt key while typing 03 on the numeric keypad.)

The scale should respond in the following format:

[STX]11<weight>[ETX]<BCC>

<weight> is the weight in hundredths of a pound (or grams if metric)

<BCC> is for error checking. It can be any ASCII character.

Document Revision Table:

Revision Level	Date	Revised By	Changes Made
1.0	04/12/2007	J. Willis	Initial Document