

# ROYAL<sup>®</sup>

# 110dx

Electronic Cash Register

***Instruction Manual***

8 Departments

99 PLU's (Price Look-Ups)

4 Clerks

Automatic Tax Computation – with 4 Tax Tables  
(Including Add-on (USA), Canadian and VAT)

**Programmable Electronic Cash Register**

Easy Set-Up Instructions  
**QUICK START GUIDE**  
on Page 12

# TABLE OF CONTENTS

---

<b>INTRODUCING ...YOUR CASH REGISTER</b> .....	1
STANDARD ACCESSORIES .....	1
USING THIS MANUAL.....	1
<b>SPECIFICATIONS, SAFETY AND FCC</b> .....	2
<b>BATTERY SAFETY AND MAINTAINING THE CASH REGISTER</b> .....	3
<b>KEYPAD FUNCTIONS</b> .....	4-5
<b>SET-UP</b> .....	5
<b>THE CONTROL SWITCH</b> .....	6
<b>CASH DRAWER</b> .....	6
<b>THE DISPLAY</b> .....	7
READING THE DISPLAY .....	7
Special Symbol Indicators .....	7
DISPLAYING THE TIME.....	7
<b>ERROR CONDITIONS</b> .....	8
THE ERROR ALARM SYSTEM .....	8
Clearing An Error .....	8
VOIDING ERRORS.....	8
Voiding the Entry Just Completed .....	8
Voiding An Earlier Entry.....	8
<b>THE BATTERY BACK-UP SYSTEM</b> .....	9
<b>LOADING PAPER</b> .....	10
<b>INSTALLING THE INK ROLL</b> .....	11
<b>QUICK START</b> .....	12-13
SETTING PROGRAMS.....	14
Entering the Program Mode .....	14
Exiting the Program Mode .....	14
Clearing Errors.....	14
DATE AND TIME.....	15
Setting the Date and Time .....	15
SETTING THE CLERK SYSTEM .....	16
PERCENT DISCOUNT (-%) .....	17
Setting a Percent Discount (-%) Rate .....	17
DEPARTMENT PROGRAMMING.....	18
Assigning a Department Tax Status & Multiple Item Sale .....	18
Programming Departments as Taxable and Non-Taxable.....	18
ZERO PRICE ENTRY SETTING .....	19
TAX RATE .....	20
Programming the Tax Rate .....	21
Single Fixed Percentage Tax Rate.....	21
PRICE LOOK UPS .....	23
Creating Price Look-Ups (PLU's) .....	23
PLU Confirmation Report.....	24
SECURITY CODE AND DECIMAL POINT .....	25
As signing a Security Code .....	25
Setting the Decimal Point .....	25
SUMMARY OF PROGRAMS .....	27

# TABLE OF CONTENTS

---

<b>TRANSACTION EXAMPLES FOR OPERATING THE CASH REGISTER</b> .....	<b>28</b>
SAMPLE RECEIPT .....	28
TRANSACTION SYMBOLS.....	28
STANDARD TRANSACTIONS.....	29
Registering a Single Item Sale and Tendering Change .....	29
Registering a Sale with Multiple Items .....	29
Registering a Charge Transaction.....	29
Using Split Tendering.....	30
MINUS (-) KEY TRANSACTIONS .....	30
Registering a (-) Reduction (Coupon).....	30
PERCENT DISCOUNT (-%) TRANSACTIONS .....	31
Discounting (-%) Individual Items.....	31
Overriding the Preset Discount (-%).....	31
Using a Preset Discount (-%) on the Total Sale .....	31
Using a Preset Discount (-%) on Individual Items .....	31
PLU CODES .....	32
Using Fixed PLU Price.....	32
Using Open PLU Price.....	32
VOIDS .....	33
Voiding the Previous Entry in the Middle of a Sale .....	33
Voiding a Single Item .....	33
Voiding Multiple Items.....	33
REFUNDS .....	34
Refunding a Single Item .....	34
Refunding Multiple Items .....	34
TAX OVERRIDE TRANSACTIONS.....	35
Exempting Tax on an Item.....	35
Exempting Tax on an Entire Sale.....	35
Adding Tax to a Non-Taxed Department .....	35
OTHER TRANSACTIONS .....	36
Registering Money Received on Account.....	36
Paying Money Out .....	36
Registering an Identification Number .....	36
Registering a No Sale.....	36
<b>MANAGEMENT REPORTS</b> .....	<b>37</b>
"X" POSITION REPORT .....	37
"Z" POSITION REPORT AND RESET .....	37
PRINTING THE SALES REPORT.....	37
CLEARING THE GRAND TOTAL .....	37
SAMPLE MANAGEMENT REPORT .....	38
BALANCING FORMULAS .....	39
PLU AND CLERK REPORTS.....	40
<b>TROUBLESHOOTING (FULL SYSTEM CLEAR PROCEDURE)</b> .....	<b>41</b>
<b>TAX SYSTEM PRESET</b> .....	<b>42</b>
<b>VAT TAX SYSTEM</b> .....	<b>43</b>
<b>CANADIAN TAX SYSTEM</b> .....	<b>44-45</b>
<b>ACCESSORIES</b> .....	<b>46</b>
<b>LIMITED WARRANTY</b> .....	<b>47</b>

This is a “Table of Contents preview” for quality assurance

The full manual can be found at <http://the-checkout-tech.com/estore/catalog/>

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<http://the-checkout-tech.com> : *the biggest supplier of cash register and scale manuals on the net*