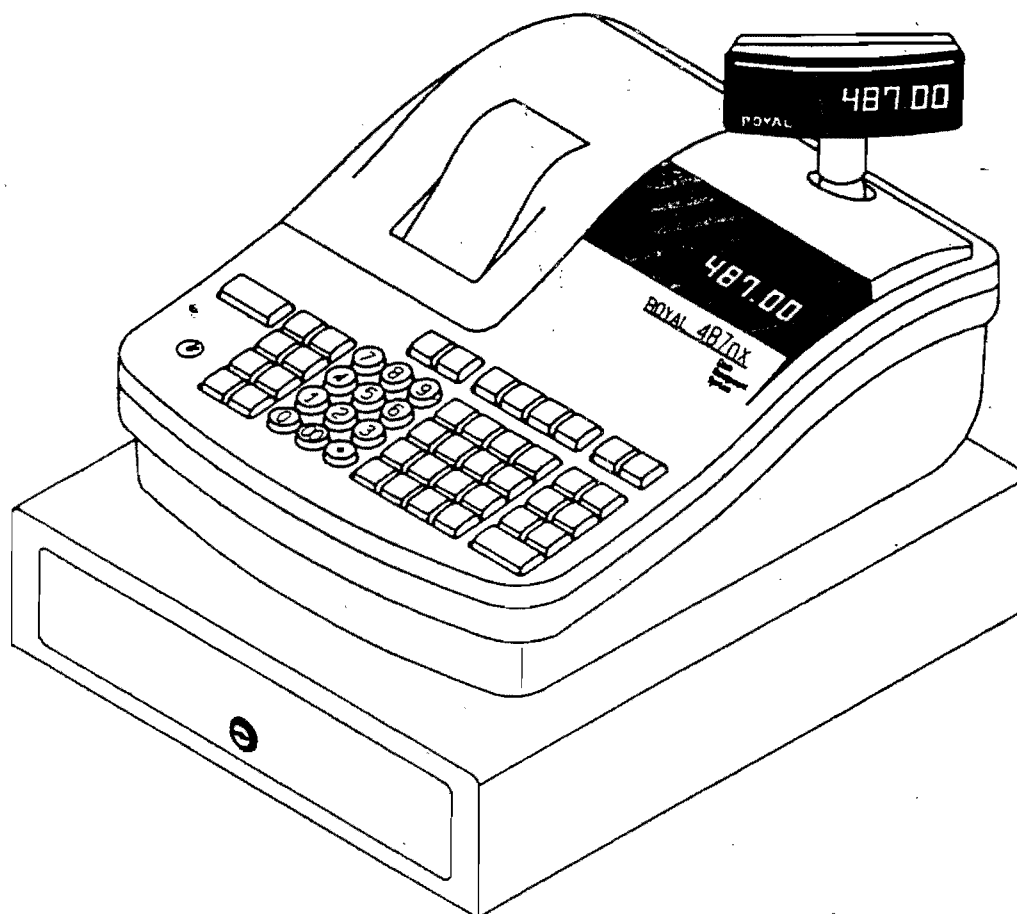


ROYAL®

487nx

CASH MANAGEMENT SYSTEM



**Programmable
Electronic Cash Register**

OPERATING MANUAL

***EASY
"Quick Start"
See Page 13***

**40 Departments / 450 PLUs
Six-Way Security System
Automatic Tax Computation**

TABLE OF CONTENTS

UNPACKING YOUR CASH REGISTER and SET UP	1
Preparation	1
Standard Accessories	1
Initial Set Up	1
Maintenance of your Register	1
GETTING TO KNOW YOUR CASH REGISTER	2
Using the Manual	2
How to Get Started	2
SECURITY SYSTEM and ERROR CONDITIONS	3
7-way Security System	3
Error Condition Explanation	3
Register Tone	3
Entry Error Alarm	3
Maximum Entry Lock-Out	3
Clear Key	3
Error	3
System Clear Information	3
CONTROL LOCK SYSTEM	4
Control Keys	4
Removable Cash Drawer	4
KEYBOARD FUNCTIONS	5-7
DISPLAY WINDOWS	8
Operator Display	8
Customer Display	8
PRINTER	8a
BATTERY SYSTEM	9
Installing or Replacing the Back-Up Batteries	9
Extending Usage of the Back-Up Batteries	9
INSTALLING THE PAPER ROLL	10
RE-INKING THE THANK YOU STAMP	11
INSTALLING THE RIBBON	12
QUICK START	13-14
AFTER QUICK START	15
Quick Start Program Confirmation Report	15
BEFORE GOING TO REGISTER MODE	16
ADVANCED PROGRAMMING	17
CLERK NUMBERS	18
To Program Clerk Numbers	18
To Use Clerk Numbers	18
PASSWORDS	19
X and PRG/Z Manager Passwords	19
To Program Manager Passwords	19
To Use Manager Passwords	19
DATE	20
TIME CLOCK	20
MACHINE NUMBER	20
TAX RATES	21-23
To Set Type of Tax Being Used	21
Fixed Tax Rate	21
Tax Table Rate	22
DEPARTMENT STATUS	24-26
COUPON DISCOUNT	27-28
MINUS PERCENTAGE DISCOUNT (-%)	29-30
PLUS PERCENTAGE (+%)	31-32
PRICE LOOK-UP (PLU)	33
TRAINING MODE	34
GRAND TOTAL PRESET	35
TRANSACTION NUMBER PRESET	36
X1 and X2 COUNTER PRESET	37
Z1 and Z2 COUNTER PRESET	38
VOID and RETURN FUNCTIONS	39
FLAG OPTIONS	40-57
ROUNDING	58
PROGRAM CONFIRMATION REPORTS	59
Program Confirmation Report - Main Printout	59
Program Confirmation Report of Clerk ID Numbers, Manager Passwords, X and Z Counter Numbers, and Grand Total	60
Confirmation Report of Tax Table Codes	61
PLU Confirmation Report	62

(Continued) TABLE OF CONTENTS

TRANSACTION EXAMPLES FOR OPERATING THE CASH REGISTER	63-78
Sample Receipt	63
Transaction Symbols	63
Example 1: Cash Sale Without Tendering Change	64
Example 2: Cash Sale With Tendering Change	64
Example 3: Using the Dept Shift Key	64
Example 4: Charge Sale	65
Example 5: Check Sale	65
Example 6: Split Tendering Sale	65
Example 7: No-Sale Function	66
Example 8: Registering a Reference Number	66
Example 9: Multiplying by a Fraction	66
Example 10: Multiplication Sale	67
Example 11: Registering a Department Unit Price	67
Example 12: Multiplication of a Department Unit Price	67
Example 13: Exempting Tax on an Item	68
Example 14: Adding Tax to a Non-Taxable Department	68
Example 15: Received-On-Account Sale	69
Example 16: Paid-Out Sale	69
Example 17: Return Sale	69
Example 18: Coupon Discount Sale	70
Example 19: Minus Percentage Discount Sale	71
Example 20: Plus Percentage Sale	72
Example 21: Use of Error-Correct (VOID) Key	73
Example 22: Voiding a Sale	73
Example 23: Voiding a Multiplication Sale	73
Example 24: Voiding a Coupon Sale	74
Example 25: Voiding a Minus Percentage Discount Sale	74
Example 26: Voiding a Plus Percentage Sale	74
Example 27: Voiding a Department Preset Price	75
Example 28: Voiding a Multiplication of a Department Preset Price	75
Example 29: Voiding a Department Preset with a Minus Percentage Discount	76
Example 30: Voiding a Department Preset with a Coupon Discount	76
Example 31: PLU Sale	77
Example 32: Voiding a PLU Sale	77
Example 33: Voiding a PLU Multiplication Sale	77
Example 34: Voiding a PLU Sale with a Coupon Discount	78
Example 35: Voiding a PLU Sale with a Minus Percentage Discount	78
Example 36: Voiding a PLU Sale with a Plus Percentage Rate	78
X/Z MANAGEMENT REPORTS	79
Summary of Management Reports	80
Cash-In-Drawer Report	81
Hourly Report	81
Clerk Report	82
PLU Report	83
Cash Declaration Report	84
Group Report	85
Full Report	86
Full Report Illustration	87
Balancing X/Z Reports	88
TROUBLESHOOTING	89
In Case of an Error Tone or if "E" Displays	89
If Printing Problems Occur	89
If Cash Register is Malfunctioning	89
Opening the Cash Drawer in an Emergency	89
Half System Clear	89
Full System Clear	89
SPECIFICATIONS and SAFETY	90
LIMITED WARRANTY	91
OPTIONAL EXTENDED WARRANTY	92
APPENDIX 1 - STATE TAX TABLE CODES	A1-6
APPENDIX 2 - CALCULATING STATE TAX TABLE CODES	A7-11
APPENDIX 3 - GST/PST TAX SYSTEM FOR CANADA	A12-13

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

The full manual can be purchased from our store:

<https://the-checkout-tech.com/manuals/Royal/487nx> operating and programming manual

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)