

# **Electronic Cash Register**

**Model CR 500/502/505/510/515**



**Operating and Programming Manual**

Contents	Page No.
<b>1. Before starting Operations.....</b>	<b>4</b>
1.1 External View of CR 500 .....	4
1.2 Displays .....	5
1.3 General Precautions .....	6
1.4 Precautions on the Printer .....	6
1.5 Precautions on Functions and Operation .....	7
1.6 Setting up of the Cash Register .....	7
<b>2. Installing the Cash Register .....</b>	<b>8</b>
2.1 Installing of Paper Rolls .....	8
2.2 Installing and Replacing of Ribbon Cassette .....	9
2.3 Keyboard Layout and Functions .....	9
2.4 Control Lock and Control Lock Keys.....	11
2.5 Names of Keys and their Function.....	12
3.1 Reset / System Clear .....	13
3.2 Clearing of Memories .....	13
3.3 Basic Program - System Programming.....	14
3.3.1 Explanation of Programming of System Function Flags.....	14
3.3.2 Basic Program - Programming Steps .....	18
3.3.2.1 Programming of System Function Flags .....	18
3.3.2.2 Printout of Basic Program.....	18
3.4 Character Code Chart .....	18
3.5 Department Programming.....	19
3.5.1 Printout of Department Program .....	20
3.5.2 Programming of Coupon-/( - ) Key .....	20
3.6 PLU Programming .....	21
3.6.1 Change of and Addition to PLU Number.....	22
3.6.2 Printout of PLU's .....	22
3.7 Tax Programming .....	22
3.8 Programming of Cashier Names and Credit Card Names .....	22
3.8.1 Change or Addition to Cashier Names.....	23
3.9 Programming of Foreign Currency Exchange .....	23
3.10 Programming of Store Logo / Commercial Message .....	23
<b>4. Cash Register Operation .....</b>	<b>24</b>
4.1 Training (T-Mode).....	24
4.2 Registration (R-Mode).....	24
4.2.1 Department Entries without Preset Prices (Registration of Variable Amounts) .....	24
4.2.2 Overriding Preset Department Prices .....	25
4.2.3 Registration PLUs .....	25
4.2.4 Repeat Registrations.....	25
4.2.5 Registration by Multiplication.....	26
4.2.6 Registration by Division.....	27
4.2.7 Amount Tendered / Change Calculation .....	29
4.2.8 Split Tendering Registration (CASH, CHECK, CHARGE, CARD) .....	29
4.2.9 PLU Registration with Manual Price Entry.....	30
4.2.10 Add-On and Discounts .....	30
4.2.10.1 % + Add-On / Surcharge (Service Charge).....	30
4.2.10.2 % - Discount (Discount by Percentage) .....	31
4.2.10.3 Deduction of fixed Amount (Discount by Amount) .....	31
4.2.11 Received-On-Account and Paid Out Functions .....	32

4.2.11.1 Payment Received in Cash.....	32
4.2.11.2 Payment made in Cash .....	32
4.2.12 Correction of Entries .....	33
4.2.12.1 Correction of incorrect Numbers .....	33
4.2.12.2 Voiding the last Entry (EC Error Correction) .....	33
4.2.12.3 Voiding earlier Entries .....	33
4.2.13 Refund Function .....	33
<b>5. Additional Functions .....</b>	<b>34</b>
5.1 Clerk Sign-ON / OFF (Clerk ID) .....	34
5.2 Receipt On / Off Function .....	35
5.3 No Sale Function .....	35
5.4 Single Item Sale .....	35
5.5 Cash / Check Declaration .....	35
5.6 Programmable Functions .....	36
5.6.1 Hold-Function .....	36
5.6.2 Fixed Cash Amounts .....	36
5.6.3 Release-Function .....	36
5.6.4 Charge-Function .....	36
5.6.5 FCE (Foreign Currency Exchange) .....	36
5.7 Printing a Name before Registration .....	37
5.8 Scanning of PLU Codes and Bar Codes .....	37
<b>6. Periodic Management Reports.....</b>	<b>38</b>
6.1 Reports without Reset.....	38
6.1.1 "X-full" Report.....	38
6.1.2 Daily Reports.....	40
6.2 Reports with Reset.....	41
6.2.1 "Z-full" Report press "CASH" key .....	41
6.2.2 Further Reports.....	41
6.3 Flash Reports .....	43
<b>7. Accessories and Options .....</b>	<b>43</b>
7.1 Ribbon Cassettes.....	43
7.2 Option PC Interface .....	43
<b>8. Maintenance .....</b>	<b>43</b>
8.1 Emergency Drawer Opening.....	43
<b>9. Information on the Electromagnetic Compatibility and Safety of your Cash Register .....</b>	<b>43</b>
<b>10 Error Messages.....</b>	<b>44</b>
<b>11. General Specifications of the CR 500-Series .....</b>	<b>44</b>
<b>12. Character Code Charts .....</b>	<b>45</b>
<b>13. Peripheral Devices.....</b>	<b>47</b>
13.1 Activation of a Serial Interface RS 232 .....	47
13.2 Using a Scale .....	48
<b>14. Keyboard programming and test routines .....</b>	<b>49</b>
14.1 Program Selection.....	50
14.1.1 Keys Programming.....	51
14.1.2 Demo programs .....	51

## 1. Before starting Operations

### 1.1 External View of CR 500

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/quorion/CR-500 CR-502 CR-505 CR-510 CR-515>

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)