

RESTAURANT SYSTEM TERMINAL

**RS-25-40/41 Series**  
PROGRAMMING MANUAL

# Table of Contents

1.	INTRODUCTION .....	1-1
1.1	MANUAL OVERVIEW .....	1-1
1.2	KEYBOARD LAYOUT .....	1-2
1.2.1	Programmable Key Location Codes .....	1-2
1.2.2	Fixed Key Positions .....	1-2
1.2.3	Alpha Key Layout .....	1-3
1.2.4	Alpha-Numeric Conversion Table .....	1-4
2.	PREPARATION .....	2-1
2.1	INSTALLATION OF ADDITIONAL MEMORY CHIPS .....	2-1
2.1.1	Memory Chip Configuration on Main and Option Boards .....	2-1
2.1.2	Additional ROM .....	2-2
2.1.3	Additional RAM .....	2-2
2.1.4	Option Memory Summary .....	2-2
2.2	OPTION MEMORY SIZE CALCULATION .....	2-3
2.3	DIP SWITCH SETUP .....	2-5
2.4	RECEIPT SLIDE SWITCH .....	2-5
2.5	PREPARATORY KEY SEQUENCES IN S-MODE .....	2-6
2.5.1	Self Diagnosis .....	2-6
2.5.2	Initial Clear .....	2-9
2.5.3	RAM Clear .....	2-9
2.5.4	Grand Totals Reset .....	2-9
2.5.5	Z Counter Reset .....	2-9
2.5.6	Transaction Number Reset .....	2-10
2.5.7	PLU File Clear .....	2-10
3.	S-MODE PROGRAMMING .....	3-1
3.1	BIT SELECTION PARAMETERS .....	3-1
3.2	TDL TERMINAL NUMBER (S#3) .....	3-3
3.3	TDL TERMINAL CONNECTION TABLE (S#4-S#6) .....	3-3
3.4	KITCHEN PRINTER CONNECTION TABLE (S#7) .....	3-3
3.5	MEMORY FILE ALLOCATION (S#3497) .....	3-4
3.6	TO CHANGE NUMBER OF GUEST CHECKS .....	3-5
3.7	KEY FUNCTION MAP PROGRAMMING .....	3-5
4.	P2-MODE PROGRAMMING .....	4-1
4.1	ENTERING P2-MODE .....	4-1
4.2	EXITING P2-MODE .....	4-1
4.3	BIT SELECTION PARAMETER PROGRAMMING (P2#1-P2#37) .....	4-2
4.4	NUMERIC PARAMETERS .....	4-9
4.5	STANDARD DESCRIPTOR PROGRAMMING (P2#101-P2#287) .....	4-11
4.6	PROGRAMMABLE MESSAGES (P#288-P#542) .....	4-17
4.6.1	Logo Message (P2#288-335) .....	4-17
4.6.2	Advertising Message (P2#336-351) .....	4-17
4.7	FUNCTION KEY PROGRAMMING .....	4-20
4.7.1	Basic Key Sequences .....	4-20
4.7.2	Void Key .....	4-21
4.7.3	Error Correct Key .....	4-22
4.7.4	Refund/Adjustment Key .....	4-23
4.7.5	General Refund Key .....	4-24
4.7.6	Paid Out key (Cashier only) .....	4-25
4.7.7	Pick Up Key .....	4-26
4.7.8	Subtotal Discount Key .....	4-27
4.7.9	Subtotal %+ Key .....	4-28
4.7.10	Service Key .....	4-29
4.7.11	Tax Exempt Key .....	4-30
4.7.12	Manual Tax Key .....	4-31
4.7.13	Received-on-Account Key .....	4-31

4.7.14	Cash Key .....	4-32
4.7.15	Misc. Keys) .....	4-33
4.7.16	Customer#/Table# key .....	4-35
4.7.17	Guest Check# Key .....	4-36
4.7.18	Tip Key .....	4-37
4.7.19	Pre-commit Key .....	4-38
4.8	TAX TABLE PROGRAMMING .....	4-39
5.	P1-MODE .....	5-1
5.1	DEPARTMENT PROGRAMMING .....	5-1
5.2	PLU PROGRAMMING .....	5-3
5.2.1	Status Descriptor and Unit Price Programming .....	5-3
5.2.2	One-Shot PLU Code Assignment .....	5-5
5.2.3	PLU Activation and De-activation .....	5-5
5.2.4	PLU Deletion .....	5-5
5.3	PLU PRICE CHANGE .....	5-6
5.4	DEPARTMENT/PLU TRACKING (waiter only) .....	5-6
5.5	HOURLY REPORT TIME FRAME PROGRAMMING .....	5-7
5.6	ON-LINE PROGRAMMABILITY .....	5-7
5.7	KITCHEN PRINTER INITIALIZATION .....	5-7
6.	X-MODE PROGRAMMING .....	6-1
6.1	DATE SETTING .....	6-1
6.2	TIME SETTING .....	6-1
6.3	AUTOMATIC LEVEL PRESET .....	6-1
6.4	CASHIER CODES .....	6-1
6.5	WAITER PROGRAMMING .....	6-2
6.6	CASHIER/WAITER READ .....	6-3
7.	PROGRAM DUPLICATION .....	7-1
7.1	AUDIO CASSETTE RECORDER .....	7-1
7.1.1	Program Dump .....	7-1
7.1.2	Program Load .....	7-1
7.2	CMT/FDK (P2-MODE) .....	7-2
7.2.1	Program Dump .....	7-2
7.2.2	Program Load .....	7-2
7.2.3	Print Our Data on CMT/FDK .....	7-2
8.	MASTER-SATELLITE OPERATIONS .....	8-1
8.1	ENTERING CONSOLIDATION MODE .....	8-1
8.2	EXITING CONSOLIDATION MODE .....	8-1
8.3	SATELLITE DESIGNATION .....	8-1
8.4	PROGRAM DUPLICATION .....	8-2
8.4.1	Complete Files .....	8-2
8.4.2	Individual PLUs .....	8-2
8.4.3	Individual Departments .....	8-3
9.	LIST OF PROGRAMMABILITIES .....	9-1
10.	ABBREVIATED KEY SEQUENCES .....	10-1
10.1	S-MODE .....	10-1
10.2	P2-MODE .....	10-2
10.3	P1-MODE .....	10-3
10.4	X-MODE .....	10-6
10.5	PROGRAM DUPLICATION (P2-MODE) .....	10-7

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/omron/RS-25-40> and [RS-25-41](https://the-checkout-tech.com/manuals/omron/RS-25-41) programming ma

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)