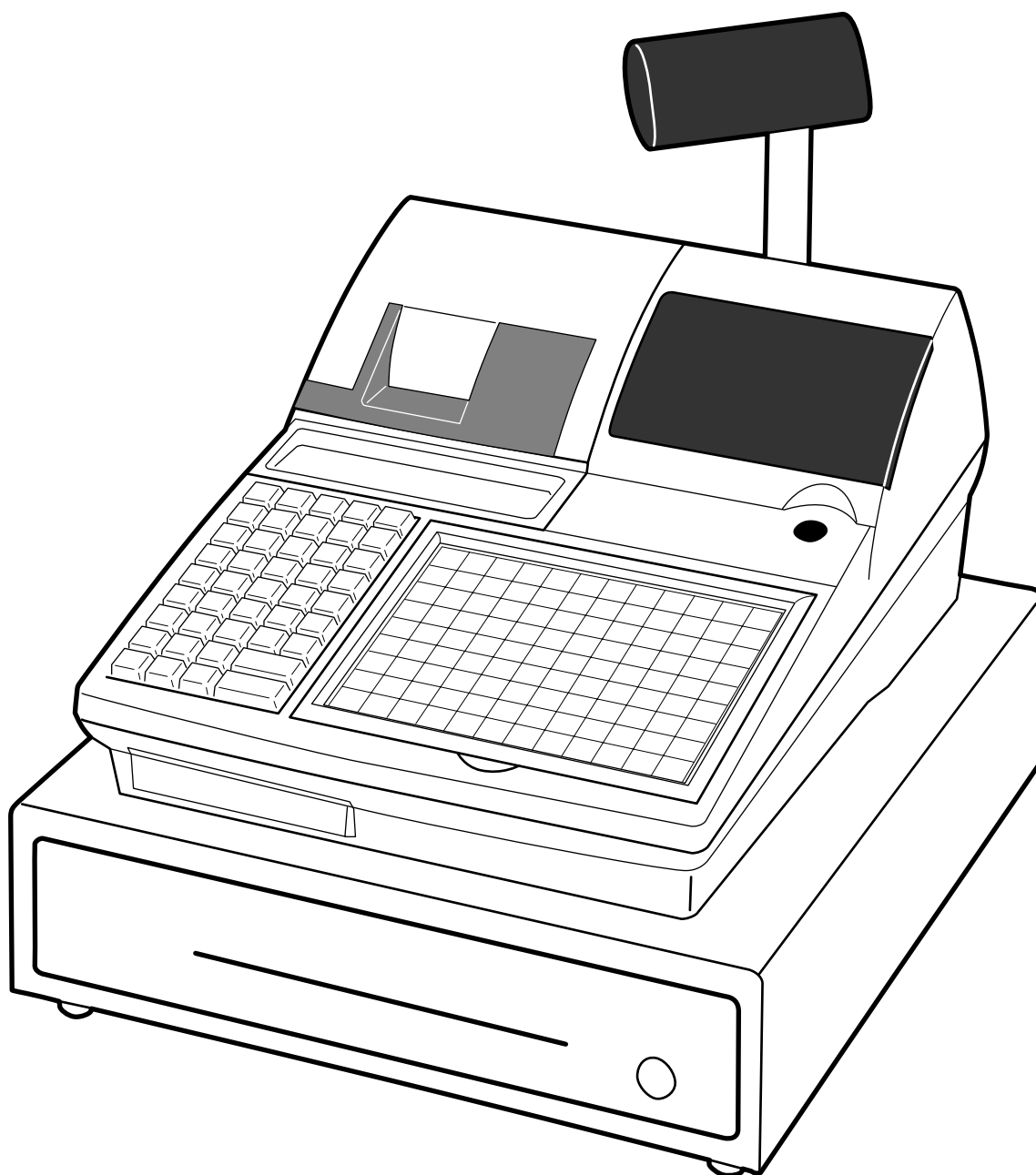


ELECTRONIC CASH REGISTER

TK-3200

DEALER'S MANUAL

Version 1.0 October 2005



Eu

Di

U.K.

System configuration	11
Hardware configuration	11
General configuration	11
Hardware diagram	12
Input/output connectors	13
In/online configuration	14
Peripheral ports and their connectable devices	14
Inline system	15
IPL (Initial program loading).....	17
Memory map of the terminal.....	17
System configuration and procedure	17
Via COM1 port (to receive IPL data from PC).....	17
Via COM1 port (to send IPL data from register)	18
Via inline	18
Via CF card (to send the IPL data to CF card).....	19
Via CF card (to send the IPL data to register)	19
Initialization	21
Machine initialization procedure	21
Flag clear operation.....	23
Init 2 operation	23
Entering diag mode	24
Password	24
Programming (General explanation)	25
Program sub mode (P1 thru P7 mode)	25
Entering the program sub mode	25
File allocation (Program 5)	27
File allocation program	27
Programming procedure	27
Issuing program reading report of program 5 mode.....	31
Issuing procedure	31
Report sample	31
Key allocation (Program 4)	33
Key allocation program	33
Programming procedure	33
Configuration of the physical key layout.....	34
Issuing program reading report of program 4 mode.....	36
Issuing procedure	36
Report sample	36
Key function/machine feature (Program 3)	37
General control program.....	37
Programming procedure	37
Program data (by address code)	37
Address code 01 (date order/password)	37
Address code 02 (password)	37
Address code 03 (consecutive number)	37
Address code 04 (tax system, rounding, etc.)	38
Address code 05 (print control for receipt)	39
Address code 06 (calculation & operation control).....	40
Address code 07 (menu & price shift)	41
Address code 08 (print control for fixed total report)	42
Address code 09 (print control for fixed total report)	43
Address code 10 (print control for taxable amount, till timer)	44
Address code 13 (online control)	45

Introduction & Contents

Address code 14 (currency exchange control)	45
Address code 15 (print control for reports)	46
Address code 16 (print control for grand total)	47
Address code 17 (print control)	48
Address code 18 (print control for guest receipt and slip)	49
Address code 19 (order control)	49
Address code 21 (message control)	50
Address code 25 (condiment etc.)	51
Address code 26 (check tracking)	51
Address code 27 (clerk control)	51
Address code 28 (Euro)	52
Address code 29 (Euro)	52
Address code 32 (direct maintenance PLU)	53
Address code 31 (scanning)	53
Address code 33 (batch PLU maintenance)	54
Address code 36 (store/recall/auto new check number)	55
Address code 37 (check number)	55
Department key/flat-PLU key/PLU program (Batch feature programming)	56
Programming procedure	56
Program data	56
Department key/flat-PLU key/PLU program (Individual feature programming)	58
Programming procedure	58
Program data (by address code)	58
Transaction key program	61
Programming procedure	61
Program data	61
Clerk program	84
Secret number, drawer, check number programming	84
Clerk detail link programming	84
Clerk other programming	85
Other programs	87
Time range programming	87
Table range programming	87
Tax table programming	88
Set menu programming	91
Batch X/Z report programming	91
Arrangement programming	92
Check print control programming	92
Mix & match programming	93
Employee number programming	94
Scheduler programming	95
Bottle link table programming	97
Terminal connection table programming	97
I/O parameter table programming	98
Printer connection table programming	99
Non PLU table programming	100
Scanning PLU maintenance programming	101
Batch maintenance PLU programming	101
Activation of batch maintenance PLU	101
Scanning PLU direct maintenance programming	102
Scanning PLU individual programming	103
One touch NLU programming	105
Issuing program reading report of program 3 mode	106
Issuing procedure	106
Report sample	106

Character (Program 2)	107
Programming descriptors	107
Programming procedure	107
Programming data	107
Programming item/key descriptors	116
Programming procedure	116
Programming data	116
Programming item/clerk descriptors by range	118
Programming procedure	118
Program data	118
Entering characters	119
By character keyboard	119
Character code list	120
By character code	120
Editing characters	121
Correcting a character just entered	121
Correcting and adding a PLU descriptor already set	121
Correcting a key descriptor already set	121
Correcting a message descriptor already set	121
Issuing program reading report of program 2 mode	122
Issuing procedure	122
Report sample	122
Unit price/rate (Program 1)	123
Date/time setting	123
Date setting	123
Time setting	123
Unit price program	123
Programming procedure	123
Rate program	125
<Currency exchange>	125
<Check>, <New balance>, <Premium (%+)>, <Discount (%-)>, <Rate tax>	125
Amount program	125
<Cash>, <Check>, <New balance>, <Plus (+)>, <Minus (-)>, <Coupon>	125
Scanning PLU direct maintenance programming	125
Issuing program reading report of program 1 mode	126
Issuing procedure	126
Report sample	126
Program reading (Program 6)	127
Issuing program reading report	127
Issuing procedure	127
Report code	127
Report sample	128
Fixed totalizer	128
Transaction key	128
PLU	129
Department	130
Group	130
Clerk	131
Hourly sales	131
Scanning PLU	131
Table analysis	132
Grand total	132
General control	132
Special character	132

Introduction & Contents

Report header	133
Tax table	133
Set menu table	133
Batch X/Z	133
Clerk detail link	134
Receipt message	134
Check endorsement	134
Slip/external printer message	135
Arrangement table	135
Character recall	135
Non-PLU table	135
Check print control	135
Mix & match	136
Employee	136
Scheduler	136
Bottle link table	136
One touch NLU	137
Help message	137
Terminal connection table	137
Printer connection table	137
AT command	138
Online password	138
I/O parameter table	138
Miscellaneous message	138
Printing guidance message	138
Error message	139
Registration guidance message	139
X/Z guidance message	139
Program guidance message	139
Auto-program & system utilities (Program 7)	141
Auto-programming	141
Auto-programming functions	141
Auto-programming operation	145
Other utilities	146
Manager operation	149
Manager control mode (X1 mode)	149
Entering the manager control mode	149
Assign drawers for each clerk	149
Stock quantity maintenance (PLU/flat PLU/scanning PLU)	150
To add to the actual stock quantity of a PLU/flat PLU/scanning PLU	150
To subtract from the actual stock quantity of a PLU/flat PLU/scanning PLU	150
To input the new stock quantity of a PLU/flat PLU	151
Clerk assignment	151
To link clerk button/key to interrupt buffers	151
To link clerk secret numbers to interrupt buffers	151
To link clerk numbers to clerk number keys	151
Programming for the Euro	152
Programming for the Australian GST	154
Programming of items in the program 1 mode	154
To enter the program 1 mode	154
To exit the program 1 mode	154
Read/reset report issuance	155
Preparation for issuing report	155
Money declaration	155
Password (X2/Z2 mode)	155

Issuing read/reset report	155
Programmability	156
Issuing procedure	156
Report sample	160
Financial report	160
Individual item/key report	160
Fixed total report	161
Transaction key report	162
PLU report	163
PLU stock report	164
Department report	165
Group report	166
Clerk report	167
Hourly sales report	168
Monthly report	168
Table analysis report	169
Open check report	169
Scanning PLU report	170
Scanning PLU stock report	172
Mix & match report	172
Time & attendance report	173
File reset	173
Consolidation	175
X/Z consolidation	175
X consolidation processing	175
Z consolidation processing	175
Standalone Z consolidation processing	176
X/Z consolidation execution	176
Consolidate terminal by terminal	176
Consolidate by group No./all terminal	177
Execute file reset command to all terminal	177
X/Z consolidation report sample	178
Z consolidation	178
X consolidation	178
Application systems	179
Scanning PLU	179
System configuration of the scanning PLU system	179
Barcode system	179
PLU maintenance	180
Scanning PLU registration	181
Mix & match discount	183
Check tracking system	185
Shared check tracking system	185
Data processing	185
When the master goes down	185
Recovery processing	185
Printing on the external (local/remote) printers	186
System configuration of the external printer system	186
Backup system	187
Printing control options for order	187
Time and attendance	188
Tips	189
Future order	189
Usage	189
Preparation	189

Eat-in/takeout	189
Automatic execution of Euro switchover by arrangement and scheduler	190
Appendix: Calculation method	191
Fixed total file	191
Appendix: Font code tables	193
Standard font set (default)	193
Multilingual + Euro (Windows code page 858)	193
Special font set	194
Slavic (Windows code page 852)	194
Greek	194
Cyrillic (Windows code page 866)	195
Baltic	195
Arabic	196
Appendix: Peripheral device configuration	197
UP-360	197
SP-1300	197
Quick scan 6000	198
Appendix: File record format	199
Fixed totalizer file	199
Fixed totalizer (daily)	199
Fixed totalizer (periodic/consolidation)	199
Transaction key file	200
Transaction key (daily)	200
Transaction key (periodic/consolidation)	200
PLU file	200
PLU (daily)	200
PLU (periodic/consolidation)	200
Department file	201
Department (daily)	201
Department (periodic/consolidation)	201
Group file	201
Group (daily)	201
Group (periodic/consolidation)	201
Clerk file	202
Clerk (programming)	202
Clerk detail (daily, periodic/consolidation)	202
Clerk detail link (program)	202
Hourly sales file	203
Hourly sales (daily)	203
Hourly sales (periodic/consolidation)	203
Monthly sales file	203
Monthly sales (daily, periodic/consolidation)	203
Scanning PLU files	204
Scanning PLU file (daily)	204
Non PLU table file (program)	204
Batch maintenance PLU file (program)	204
Direct maintenance PLU file (program)	204
One touch NLU table file	205
Mix & match table file	205
Mix & match table file (daily)	205
Mix & match table file (periodic/consolidation)	205

Bottle link table file	205
Bottle link table file (program)	205
Table analysis file	206
Table analysis (daily)	206
Table analysis (periodic/consolidation)	206
Time and attendance file	206
Time and attendance (daily)	206
Employee file	206
Grand total file	207
Grand total (daily)	207
Grand total (consolidation)	207
General control file	207
General control	207
Special character file	208
Special character	208
Report header file	208
Report header	208
Tax table file	208
Tax table	208
Set menu table file	208
Set menu table	208
Batch X/Z file	209
Batch X/Z	209
Receipt message file	209
Receipt message	209
Check endorsement message file	209
Check endorsement message	209
Slip/local/remote printer message file	209
Slip/local/remote printer message	209
Arrangement file	210
Arrangement file	210
Character recall file	210
Character recall	210
Check print file	210
Check print	210
Scheduler file	210
Scheduler	210
System files	211
Character key table file	211
Key table file	211
Terminal connection table file	212
Printer connection table	212
Operation start date file	212
Initialize code file	212
AT command file	213
Online password file	213
I/O parameter table file	213
System error log file	213
Graphic image files	213
Graphic logo file (for external printer)	213
Guidance message files	214
Error message file	214
Miscellaneous message file	218

Introduction & Contents

Printing guidance message file	219
X/Z guidance message file	221
Program guidance message file	223
Registration guidance message file	226
Help message file	227
Appendix: Compulsory	231
Appendix: Error code	233
Index	237

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*