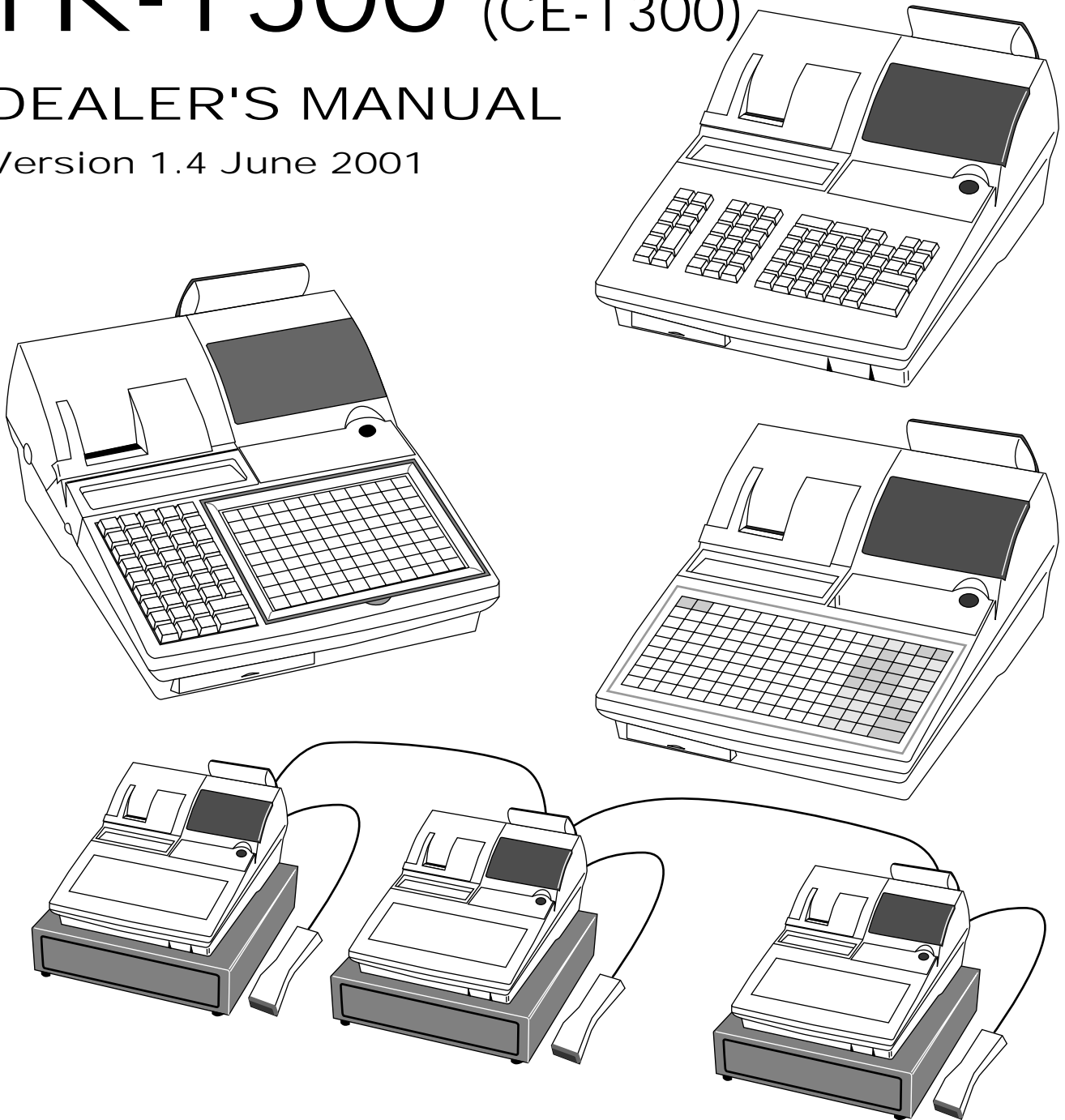


## ELECTRONIC CASH REGISTER

# CE-7000, TK-7000/7500 TK-6000/6500 (CE-6000/6100) TK-T500 (CE-T300)

## DEALER'S MANUAL

Version 1.4 June 2001



Eu Di U.K.  
Cl Canada

**CASIO®**

<b>System configuration</b> .....	<b>11</b>
<b>Hardware configuration</b> .....	<b>11</b>
General configuration .....	11
Hardware diagram .....	12
Input/output connectors .....	13
<b>In/online configuration</b> .....	<b>14</b>
Peripheral ports and their connectable devices .....	14
Inline system .....	16
<b>IPL (Initial program loading)</b> .....	<b>19</b>
<b>Memory map of the terminal</b> .....	<b>19</b>
<b>System configuration and procedure</b> .....	<b>19</b>
Via COM port .....	19
Via inline .....	20
Via memory cassette (to send the IPL data to memory cassette) .....	20
Via memory cassette (to send the IPL data to register) .....	21
To send IPL data to ECR via COM1 port .....	21
<b>Initialization</b> .....	<b>23</b>
<b>Machine initialization procedure</b> .....	<b>23</b>
<b>Flag clear operation</b> .....	<b>25</b>
<b>Init 2 operation</b> .....	<b>26</b>
<b>Entering diag mode</b> .....	<b>26</b>
<b>Password</b> .....	<b>26</b>
<b>Programming (General explanation)</b> .....	<b>27</b>
<b>Program sub mode (P1 thru P7 mode)</b> .....	<b>27</b>
Entering the program sub mode .....	27
<b>File allocation (Program 5)</b> .....	<b>29</b>
<b>File allocation program</b> .....	<b>29</b>
Programming procedure .....	29
<b>Issuing program reading report of program 5 mode</b> .....	<b>33</b>
Issuing procedure .....	33
Report sample .....	33
<b>Key allocation (Program 4)</b> .....	<b>35</b>
<b>Key allocation program</b> .....	<b>35</b>
Programming procedure .....	35
<b>Configuration of the physical key layout</b> .....	<b>36</b>
<b>Issuing program reading report of program 4 mode</b> .....	<b>38</b>
Issing procedure .....	38
Report sample .....	38
<b>Key function/machine feature (Program 3)</b> .....	<b>39</b>
<b>General function program</b> .....	<b>39</b>
Programming procedure .....	39
Program data (by address code) .....	39
<b>Department key/flat-PLU key/PLU program (Batch feature programming)</b> .....	<b>57</b>
Programming procedure .....	57
Program data .....	57
<b>Department key/flat-PLU key/PLU/subdepartment program</b> <b>(Individual feature programming)</b> .....	<b>59</b>
Programming procedure .....	59
Program data (by address code) .....	59

<b>Transaction key program .....</b>	<b>62</b>
Programming procedure .....	62
Program data .....	62
<b>Clerk program .....</b>	<b>86</b>
Secret number, drawer, check number programming .....	86
Clerk detail link programming .....	86
Clerk other programmings .....	87
<b>Other programs .....</b>	<b>89</b>
Time range programming .....	89
Table range programming .....	89
Tax table programming .....	90
Set menu programming .....	95
Batch X/Z report programming .....	95
Hourly item (time range) programming .....	96
Hourly item (link item) programming .....	96
Arrangement programming .....	97
Check print control programming .....	97
Mix & match programming .....	98
Scheduler programming .....	99
Bottle link table programming .....	101
Terminal connection table programming .....	101
I/O parameter programming .....	102
Printer connection table programming .....	103
Non PLU table programming .....	104
<b>Scanning PLU maintenance programming .....</b>	<b>105</b>
Batch maintenance PLU programming .....	105
Activation of batch maintenance PLU .....	105
Not found PLU maintenance programming .....	106
Activation of Not found PLU maintenance .....	106
Scanning PLU direct maintenance programming .....	107
One touch NLU programming .....	109
<b>Issuing program reading report of program 3 mode .....</b>	<b>110</b>
Issuing procedure .....	110
Report sample .....	110
<b>Character (Program 2) .....</b>	<b>111</b>
<b>Programming descriptors .....</b>	<b>111</b>
Programming procedure .....	111
Data .....	111
<b>Programming item/key descriptors .....</b>	<b>117</b>
Programming procedure .....	117
Data .....	117
<b>Programming item/clerk descriptors by range .....</b>	<b>119</b>
Programming procedure .....	119
Program data .....	119
By character keyboard .....	120
<b>Entering characters .....</b>	<b>122</b>
By character code .....	122
<b>Editing characters .....</b>	<b>123</b>
Correcting a character just entered .....	123
Correcting a PLU descriptor already set .....	123
Correcting a key descriptor already set .....	123
Correcting a message descriptor already set .....	123
<b>Issuing program reading report of program 2 mode .....</b>	<b>124</b>
Issuing procedure .....	124
Report sample .....	124

<b>Unit price/rate (Program 1)</b> .....	<b>125</b>
<b>Date/time setting</b> .....	<b>125</b>
Date setting .....	125
Time setting .....	125
<b>Unit price program</b> .....	<b>125</b>
Programming procedure .....	125
<b>Rate program</b> .....	<b>127</b>
<CURRENCY EXCHANGE> .....	127
<CHECK>, <NEW BALANCE>, <PREMIUM (%+)>, <DISCOUNT (%-)>, <RATE TAX> .....	127
<b>Amount program</b> .....	<b>127</b>
<CASH>, <CHECK>, <NEW BALANCE>, <PLUS (+)>, <MINUS (-)>, <COUPON> .....	127
Scanning PLU direct maintenance programming .....	127
<b>Issuing program reading report of program 1 mode</b> .....	<b>128</b>
Issuing procedure .....	128
Report sample .....	128
<b>Program reading (Program 6)</b> .....	<b>129</b>
<b>Issuing program reading report</b> .....	<b>129</b>
Issuing procedure .....	129
Report code .....	129
<b>Report sample</b> .....	<b>130</b>
Fixed total .....	130
Transaction key .....	130
Subdepartment .....	130
PLU .....	131
Department .....	132
Group .....	132
Cashier/clerk .....	133
Hourly sales .....	133
Scanning PLU .....	133
Table analysis .....	134
Grand total .....	134
General function .....	134
Special character .....	134
Report header .....	135
Tax table .....	135
Set menu table .....	135
Batch X/Z .....	135
Cashier detail link .....	136
Hourly item (Item) .....	136
Receipt message .....	136
Check endorsement .....	136
Slip/external printer message .....	136
Arrangement table .....	137
Character recall .....	137
Non-PLU table .....	137
Check print control .....	137
Mix & match .....	137
PLU 2nd @ .....	138
Scheduler .....	138
Order character .....	139
Bottle link table .....	139
One touch NLU .....	139
Hourly item (Time zone) .....	139
Terminal connection table .....	139
Printer connection table .....	140

AT command .....	140
Online password .....	140
I/O parameter .....	140
Miscellaneous message .....	140-1
Printing guidance message .....	140-1
Error message .....	140-1
Registration guidance message .....	140-2
X/Z guidance message .....	140-2
Program guidance message .....	140-2
<b>Auto-program &amp; system utilities (Program 7) .....</b>	<b>141</b>
<b>Auto-programming .....</b>	<b>141</b>
Auto-programming functions .....	141
Auto-programming operation .....	145
Other utilities .....	146
<b>Manager operation .....</b>	<b>149</b>
<b>Manager control mode (X1 mode) .....</b>	<b>149</b>
Entering the manager control mode .....	149
Assign drawers for each clerk .....	149
<b>Stock quantity maintenance (PLU/flat PLU only) .....</b>	<b>150</b>
To add to the actual stock quantity of a PLU/flat PLU .....	150
To subtract from the actual stock quantity of a PLU/flat PLU .....	150
To input the new stock quantity of a PLU/flat PLU .....	151
<b>Clerk assignment .....</b>	<b>151</b>
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
<b>Programming for the Euro .....</b>	<b>152</b>
<b>Programming for the Australian GST .....</b>	<b>154</b>
<b>Programming of items in the program 1 mode .....</b>	<b>154</b>
To enter the program 1 mode .....	154
To exit the program 1 mode .....	154
<b>Read/reset report issuance .....</b>	<b>155</b>
<b>Preparation for issuing report .....</b>	<b>155</b>
Money declaration .....	155
Password (X2/Z2 mode) .....	155
<b>Issuing read/reset report .....</b>	<b>155</b>
Programmability .....	156
Issuing procedure .....	156
Report sample .....	160
Financial report .....	160
Individual item/key report .....	160
Fixed total report .....	161
Transaction key report .....	162
Subdepartment 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
Hourly item report .....	169
Open check report .....	170
Scanning PLU report .....	170

Not found PLU report .....	172
Mix & match report .....	172
File reset .....	173
<b>Consolidation .....</b>	<b>175</b>
<b>X/Z consolidation .....</b>	<b>175</b>
X consolidation processing .....	175
Z consolidation processing (except for scanning PLU) .....	176
Z consolidation processing (for scanning PLU) .....	176
Scanning PLU maintenance by consolidating the not found PLU file .....	177
Standalone Z consolidation processing (except for scanning PLU) .....	177
<b>X/Z consolidation execution .....</b>	<b>178</b>
Consolidate terminal by terminal .....	178
Consolidate by group No./all terminal .....	178
Consolidate individual clerk report by group No./all terminal .....	179
Execute file reset command to all terminal .....	179
<b>X/Z consolidation report sample .....</b>	<b>180</b>
Z consolidation .....	180
X consolidation .....	180
<b>Application systems .....</b>	<b>181</b>
<b>Scanning PLU .....</b>	<b>181</b>
System configuration of the scanning PLU system .....	181
Barcode system .....	181
PLU maintenance .....	182
Scanning PLU registration .....	183
Mix & match discount .....	185
<b>Printing on the external printers .....</b>	<b>187</b>
System configuration of the external printer system .....	187
Backup system .....	187
Printing control options for order .....	188
<b>Tips .....</b>	<b>189</b>
<b>Future order .....</b>	<b>189</b>
Usage .....	189
Preparation .....	189
<b>Eat-in/takeout .....</b>	<b>189</b>
<b>Automatic execution of Euro switchover by arrangement and scheduler .....</b>	<b>190</b>
<b>Appendix: Calculation method .....</b>	<b>191</b>
<b>Fixed total file .....</b>	<b>191</b>
<b>Appendix: Font code tables .....</b>	<b>193</b>
<b>Standard font set (default) .....</b>	<b>193</b>
Multilingual + Euro (Windows code page 858) .....	193
<b>Special font set .....</b>	<b>194</b>
Slavic (Windows code page 852) .....	194
Greek .....	194
Cyrillic (Windows code page 866) .....	195
Baltic .....	195
Arabic .....	196
<b>Appendix: Peripheral device configuration .....</b>	<b>197</b>
<b>UP-350 .....</b>	<b>197</b>
<b>UP-250 .....</b>	<b>197</b>
<b>SP-1300 .....</b>	<b>198</b>
<b>Quick scan 6000 .....</b>	<b>198</b>
<b>NCI 6710 .....</b>	<b>198</b>

<b>Appendix: File record format .....</b>	<b>199</b>
<b>Fixed total file .....</b>	<b>199</b>
Fixed total (daily) .....	199
Fixed total (periodic/consolidation) .....	199
<b>Transaction key file .....</b>	<b>200</b>
Transaction key (daily) .....	200
Transaction key (periodic/consolidation) .....	200
<b>Subdepartment file .....</b>	<b>200</b>
Subdepartment (daily) .....	200
Subdepartment (periodic/consolidation) .....	200
<b>PLU file .....</b>	<b>201</b>
PLU (daily) .....	201
PLU (periodic/consolidation) .....	201
PLU 2nd unit price (program) .....	201
<b>Department file .....</b>	<b>202</b>
Department (daily) .....	202
Department (periodic/consolidation) .....	202
<b>Group file .....</b>	<b>203</b>
Group (daily) .....	203
Group (periodic/consolidation) .....	203
<b>Clerk file .....</b>	<b>204</b>
Clerk (programming) .....	204
Clerk detail (daily, periodic/consolidation) .....	204
Clerk detail link (program) .....	204
<b>Hourly sales file .....</b>	<b>205</b>
Hourly sales (daily) .....	205
Hourly sales (periodic/consolidation) .....	205
<b>Monthly sales file .....</b>	<b>205</b>
Monthly sales (daily, periodic/consolidation) .....	205
<b>Scanning PLU files .....</b>	<b>206</b>
Scanning PLU file (daily) .....	206
Not found PLU file (daily) .....	206
Non PLU table file (program) .....	206
Batch maintenance PLU file (program) .....	206
Direct maintenance PLU file (program) .....	206
Not found PLU maintenance file (program) .....	206
One touch NLU table file .....	207
<b>Mix &amp; match file .....</b>	<b>207</b>
Mix & match file (daily) .....	207
Mix & match file (periodic/consolidation) .....	207
<b>Bottle link table file .....</b>	<b>207</b>
Bottle link table file (program) .....	207
<b>Table analysis file .....</b>	<b>208</b>
Table analysis (daily) .....	208
Table analysis (periodic/consolidation) .....	208
<b>Grand total file .....</b>	<b>208</b>
Grand total (daily) .....	208
Grand total (consolidation) .....	208
<b>Hourly item file .....</b>	<b>209</b>
Hourly item sales file .....	209
Hourly item link file .....	209
Hourly item time range file .....	209
<b>General control file .....</b>	<b>210</b>
General control .....	210

<b>Special character file</b> .....	<b>211</b>
Special character .....	211
<b>Report header file</b> .....	<b>212</b>
Report header .....	212
<b>Tax table file</b> .....	<b>212</b>
Tax table .....	212
<b>Set menu table file</b> .....	<b>212</b>
Set menu table .....	212
<b>Batch X/Z file</b> .....	<b>213</b>
Batch X/Z .....	213
<b>Receipt message file</b> .....	<b>213</b>
Receipt message .....	213
<b>Check endorsement message file</b> .....	<b>213</b>
Check endorsement message .....	213
<b>Slip/external printer message file</b> .....	<b>213</b>
Slip/external printer message .....	213
<b>Arrangement file</b> .....	<b>214</b>
Arrangement file .....	214
<b>Character recall file</b> .....	<b>214</b>
Character recall .....	214
<b>Check print file</b> .....	<b>214</b>
Check print .....	214
<b>Scheduler file</b> .....	<b>214</b>
Scheduler .....	214
<b>Order character file</b> .....	<b>214</b>
Order character .....	214
<b>System files</b> .....	<b>215</b>
Character key table file .....	215
Key table file .....	216
Terminal connection table file .....	217
Printer connection table .....	217
Operation start date file .....	217
Initialize code file .....	217
AT command file .....	217
Online password file .....	218
I/O parameter table file .....	218
System error log file .....	218
<b>Graphic image files</b> .....	<b>218</b>
Graphic logo file .....	218
Watermark print file .....	218
<b>Guidance message files</b> .....	<b>218-1</b>
Error message file .....	218-1
Guidance message file .....	218-5
<b>Appendix: Compulsory</b> .....	<b>219</b>
<b>Appendix: Error code</b> .....	<b>221</b>
<b>Index</b> .....	<b>225</b>



[Click here to download the full manual at THE-CHECKOUT-TECH.COM](http://THE-CHECKOUT-TECH.COM)