

# ScaleLink Pro

## USER GUIDE

**For Version 3.24  
January 2005**

---

**ISHIDA CO., LTD**

# Contents

---

1. Introduction .....	1
How to Use This Manual .....	1
2. Getting Started.....	2
Which Communications Link are You Using?.....	2
Starting ScaleLink Pro.....	4
Finding a PLU .....	5
If you know the PLU number .....	5
If you know some or all of the PLU name .....	5
If you do not know the PLU number or name .....	5
Adding a New PLU .....	5
Editing and Deleting PLUs.....	5
To edit the selected PLU.....	5
To delete the selected PLU .....	6
Changing PLU Prices .....	6
Using the Price Change Dialog .....	6
Markdown Price Changes .....	6
Nutrition .....	6
Using the PLU Edit Window.....	7
Entering the PLU description.....	8
Entering the PLU settings .....	8
Changing the PLU number .....	8
Saving your changes .....	9
Changing the displayed PLU .....	9
Adding a new PLU.....	9
Closing the PLU Edit window .....	9
Editing Other Scales Data.....	10
Editing a campaign.....	10
Editing advertising messages .....	11
Editing ingredient and other messages.....	11
Editing keyboard presets.....	12
Memo/SR-2000 presets (EMZ and SR-series scales only) and Index presets (EMZ-series scales only).....	14
Editing the store name and address .....	15
Editing store settings (EMZ-series scales only) .....	15
Editing tray settings (EMZ-series scales only) .....	16
Other Features .....	17
3. Communicating with the Scales .....	19
3.1 On-Line Communications.....	20
Establishing Communications with the Scales .....	20
Sending Data to the Scales .....	20
Sending a Range of Records to the Scales .....	20
Filtering Data Sent to the Scales.....	22
Disabling the Communication Link.....	22
Enabled vs. Connected .....	22
Off-Line Operation .....	23
3.2 Data Save Communications .....	24
Managing Data Save Files (AC-3000) .....	24
Managing Data Save Files (WM-3002).....	24
Operation (AC-3000) .....	25
Receiving a Data Save File from the Scales .....	25
Opening the Received File in ScaleLink Pro .....	25
Editing the Data Save File Data .....	26
Saving the Data Save File and Transmitting to the Scale .....	26
Operation (WM-3002).....	28
Receiving a Data Save File from the Scales .....	28
Opening and Editing the Received File in ScaleLink Pro.....	28

Transmitting to the Scale .....	29
3.3 Astra/AstraXT Serial Communications .....	30
Receiving Data from the Scale .....	30
Sending Data to the Scale.....	31
4. Using an IF21FD .....	33
Using an IF21FD to Receive Data from the Scales .....	33
Using an IF21FD to Transfer Data to the Scales.....	34
5. The PLU Database.....	35
Database Formats .....	35
Selecting the Database.....	35
Managing Databases.....	36
5.1 Microsoft Access Database Format .....	36
Features and Restrictions.....	36
5.2 Ishida PLU Database Format .....	37
Features and Restrictions.....	37
5.3 Multi-User Operation.....	37
6. Editing PLUs and Other Scales Data.....	38
6.1 Using the PLU Search Window .....	38
Finding a PLU .....	39
If you know the PLU number .....	39
If you know some or all of the PLU name .....	39
If you do not know the PLU number or name .....	39
Searching by POS code (bar code) .....	39
Searching by department and group code .....	39
Adding a New PLU .....	39
Editing or Deleting a PLU .....	40
Deleting a Range of PLUs .....	40
Cutting and Pasting PLUs .....	40
Quick Price Changes .....	41
Nutrition .....	42
Ingredients .....	43
6.2 Using the PLU Edit Window .....	44
6.3 Editing Price Master Records (IP-EMZ only) .....	47
Creating and Editing Price Master Records.....	47
6.4 Advertising Messages .....	49
Creating and Editing Advertising Messages.....	49
Deleting an Advertising Message.....	49
6.5. Messages .....	50
Creating and Editing Messages .....	50
Deleting a Message.....	52
6.6 Campaigns.....	53
Creating and Editing Campaigns .....	53
Deleting a Campaign .....	54
6.7 Keyboard Presets .....	55
Managing Keyboard Data.....	55
Creating and Editing Keyboard Presets.....	55
6.8 Operators.....	58
6.9 Store Name and Address (AC-3000, AstraXT, AC-4000, and SR-2000) .....	59
6.10 Store Settings (EMZ series only) .....	60
Creating and Editing Store Settings.....	60
Deleting Store Settings .....	60
6.11 Tray Settings (EMZ series only) .....	61
Creating and Editing Tray Settings .....	61
Deleting Tray Settings .....	61
6.12 Department and Group (AC-4000, SR-2000, and EMZ series only).....	62
Creating and Editing EMZ Department and Group Names.....	62
Deleting EMZ Department and Group Names .....	62
6.13 Memo and Index Presets (EMZ and SR series only) .....	63
SR Presets Overview .....	63

Creating and Editing SR Presets.....	63
Creating and Editing Memo Presets .....	66
Creating and Editing Index Presets .....	67
6.14 SR-2000 alpha Images (SR series only) .....	69
Creating and Editing SR Images .....	69
7. Reports .....	71
7.1 The PLU and Message Reports.....	71
7.2 Production Reports .....	73
Accumulating Production Data Totals.....	73
Production Data Files .....	73
Adjusting Production Data Totals .....	74
PLU Production Report .....	75
Department and Group Production Report.....	77
Daily and Weekly Totals Reports.....	79
Operator Totals and Operator Override Totals Reports .....	80
Hourly Totals Report.....	81
7.3 SR-2000 alpha Image List Report.....	82
8. Importing and Exporting Data.....	83
8.1 Text File Import .....	83
Using Pre-Defined Text File Import Operations .....	83
Specifying a Text File Import Operation Directly.....	84
Text File Import Operation.....	85
8.2 Text File Export .....	86
Text File Format .....	86
Using Pre-Defined Text File Export Operations .....	86
Specifying a Text File Export Operation Directly.....	87
8.3 Database Import .....	88
Using Pre-Defined Database Import Operations .....	88
Specifying a Database Import Operation Directly.....	88
Import Operation and Price Zones.....	89
8.4 Loading PLUs and Other Data from the Scales .....	90
Procedure for Loading Data from the Scales (ID-ENQ) .....	90
9. Advanced Features and Utilities.....	91
9.1 Event Logging.....	91
9.1.1 Event Log .....	91
Viewing the Log .....	91
9.1.2 PLU Update and Exception Log.....	92
9.1.3 Scale Status Log .....	92
9.1.4 Text File Import Logs.....	92
9.1.5 Communication Log .....	92
9.2 Departments .....	93
9.3 PLU Range Profile .....	94
9.4 PLU Active/Inactive .....	95
9.5 Batch Mode .....	96
Using Batch Mode.....	96
Batch Mode and Departments .....	96
Loading a Batch File .....	97
9.6 Price Zones .....	98
9.7 User Access Control .....	99
9.8 Scheduler .....	100
Starting the Scheduler Program.....	100
Running the Scheduler .....	101
Error Handling.....	101
Off-Line Operation.....	101
Setting up Scheduler Operations .....	102
9.9 Sale Wizard .....	104
What the Sale Wizard Does.....	104
Using the Sale Wizard .....	104
9.10 Automation .....	109

Supported Features .....	109
Setup File.....	109
Handling of Unsent Data .....	109
Program Structure 1 - Executing Scheduler Operations.....	110
Program Structure 2 - Executing Operations Directly.....	111
Appendix A Installing ScaleLink Pro at a New Store.....	112
A.1 Installing the Software .....	112
System Requirements .....	112
Installing ScaleLink Pro .....	112
Uninstalling ScaleLink Pro.....	112
Multi-User Installation .....	113
A.2 Setting Up ScaleLink Pro.....	114
Which Communications Link?.....	114
Networks Containing More Than One Type of Scale .....	115
Setting Up the ScaleLink Pro Software.....	115
Outputting a Listing of all ScaleLink Pro Settings.....	115
Report Settings .....	121
Log Settings.....	122
Custom Log Settings .....	123
Multi-Store Settings.....	125
Data Save Settings.....	126
Label Sizes.....	127
EMZ Settings.....	129
Setting Up ID-ENQ Communications .....	131
Setting Up Data Save Communications .....	135
Setting Up Department and Group Codes .....	136
Setting Up Departments.....	138
Setting Up the PLU Range Profile .....	140
Setting Up ScaleLink Pro Users .....	141
Disabling User Access Control.....	143
Using the User Access Control Feature to Customize ScaleLink Pro .....	143
Setting Up User Profiles .....	144
Setting Up Price Zones .....	144
Setting Up Text File Import and Export .....	146
Setting Up Database Import .....	148
Setting Up Default Line Fonts .....	149
e-Mail Settings.....	150
A.3 PLU Field Setup.....	151
Selecting Fields for the PLU Edit Window and PLU Report.....	151
Customizing a PLU Field (Advanced Settings).....	152
Appendix B Text File Formats and Operations.....	154
B.1 Operations .....	154
Operation Commands .....	154
Operations .....	154
B.2 Text File Formats .....	155
Text File Export Format .....	155
Text File Import Format (Additions and Updates) .....	155
Text File Import Format (Deletions) .....	156
Operation Command.....	156
Price Zone.....	156
Description Text Formats .....	156
Keyboard Presets Import File Format.....	157
SaleWizard Import File Format .....	160
Appendix C ScaleLink Pro Automation Reference.....	162
C.1 ScaleLink Pro Object .....	162
C.2 ScaleLink Pro Properties .....	162
C.3 ScaleLink Pro Methods .....	162
C.4 Parameter Codes.....	163
C.5 Method Details .....	165

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/TEC/Scale Link Pro software owners manual.htm>

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)