



**Model GSP30B**



Model #: \_\_\_\_\_

Serial #: \_\_\_\_\_

## **SLP-V Lite Software User Guide for Globe Label Printing Scale Model GSP30B**

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# ScaleLink Pro 5 Lite

ScaleLink Pro 5 Lite is a software utility used to set up and maintain the data on the GSP30B scale.

ScaleLink Pro 5 Lite includes the following features.

- Visual interface for creating and editing the scale’s data.
- Store name and address
- PLUs
- Search function for quickly locating the desired PLU
- Keyboard presets
- Print scale keyboard templates
- Scale data can be sent to and read from the scale via the Ethernet PC connection or a USB device.

The ScaleLink Pro 5 Lite Software User Guide explains how to use the software with the GSP30B scale. The ScaleLink Pro 5 Lite Software User Guide includes the same features that were setup manually with the GSP30B Owner’s Manual. For additional features not covered in this ScaleLink Pro 5 Lite Software User Guide, refer to the “Help” section within the ScaleLink Pro 5 Lite or ScaleLink Pro 5 Lite Maintenance Utility Software. \*

When you modify scale data in ScaleLink Pro 5 Lite (such as changing the price for a PLU), the data is passed to the ScaleLink Pro 5 Lite server where it is updated in the database and added to the queue for sending to each scale. If a scale is currently connected and turned on, the data will be sent immediately. If a scale is not currently connected to the network (typically because the power is turned off), the data remains in the scale’s send queue until the scale comes back on-line, at which time all the queued data is sent. If the server is running continuously, this ensures that all scales have the most up to date data at all times and changes are not missed because a scale was turned off at the time.

The initial start up display will open when the ScaleLink Pro 5 Lite software is selected. See Figure 5-1.

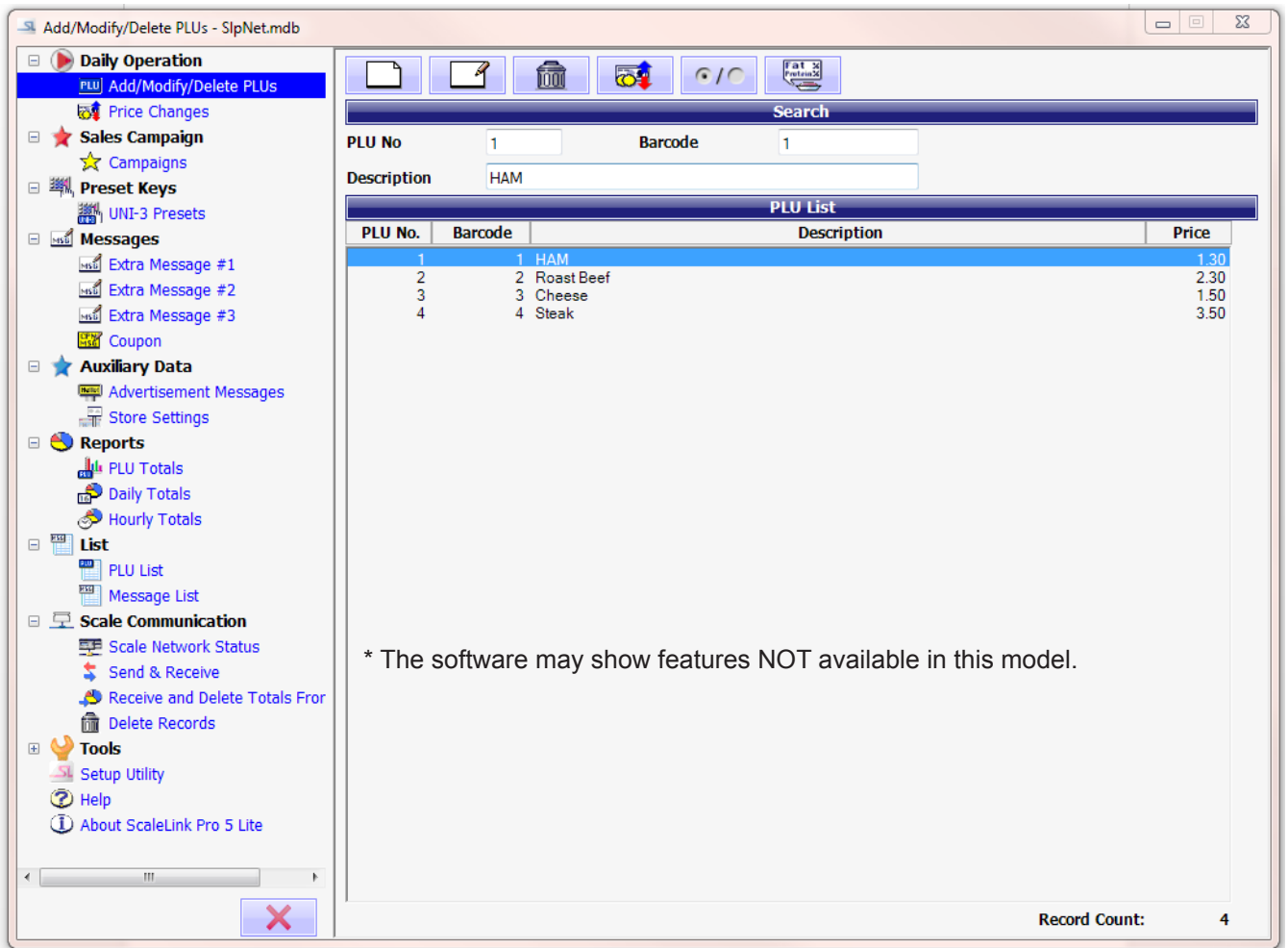


Figure 5-1

# 1. Update Date and Time on Scale

Update Date and Time on Scales updates the date and time on all currently on-line scales.

1. Select Update Date and Time on Scale from the Tools drop down menu.
2. A Command Status progress dialog box opens to show whether or not the send operation was successful. See Figure 6-1

**Note:** The date and time sent to the scales is the current date and time on the server PC.

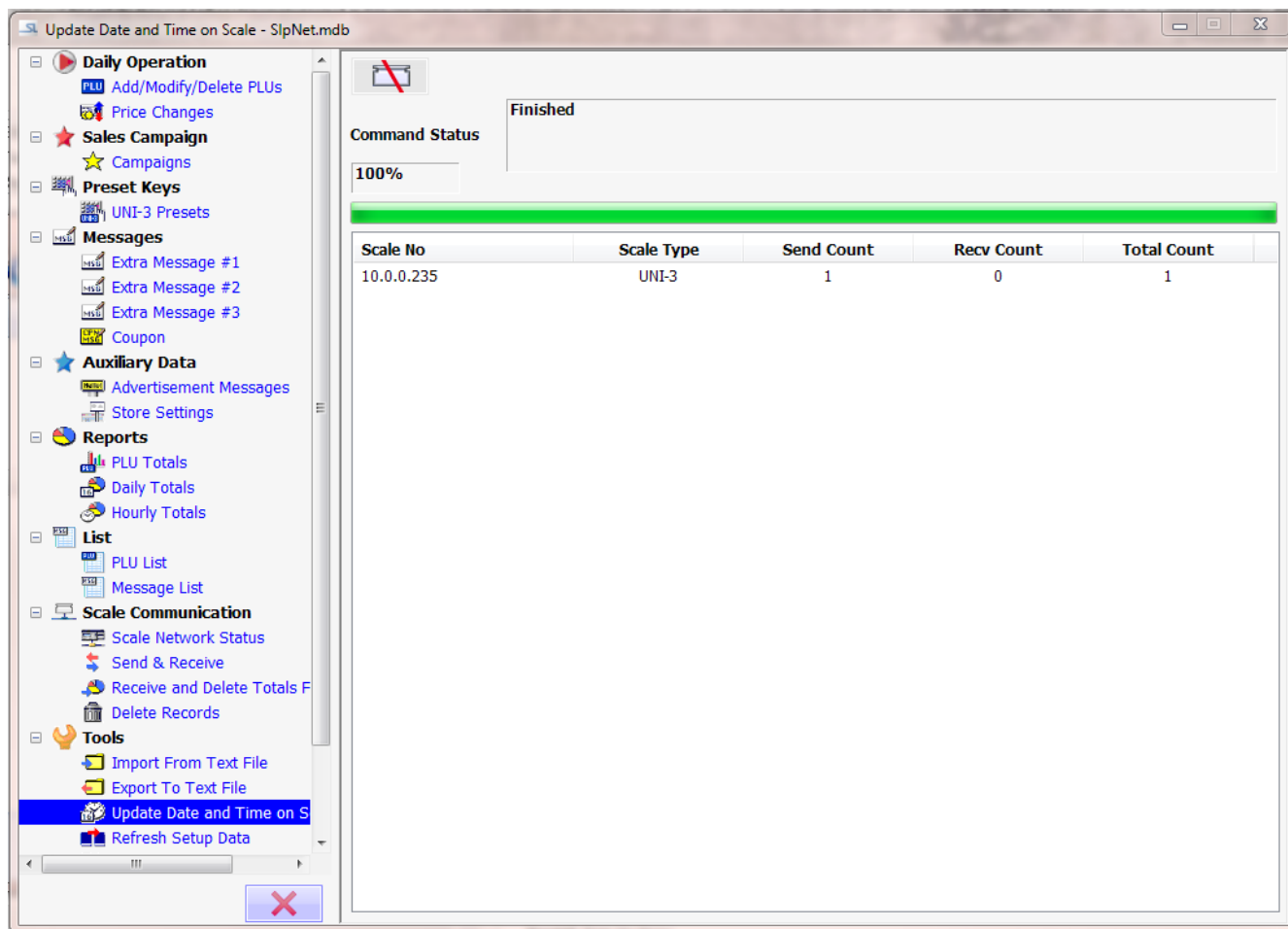


Figure 6-1

## 2. Store Settings

Store Settings are used to add, edit and delete store name and address records. In most cases only a single store name and address is used. Multiple store name and address records are used when packing for more than one store.

1. Select Store Settings from the Auxiliary Data drop down menu. See Figure 7-1.
2. Select New from the Store Settings tool bar.

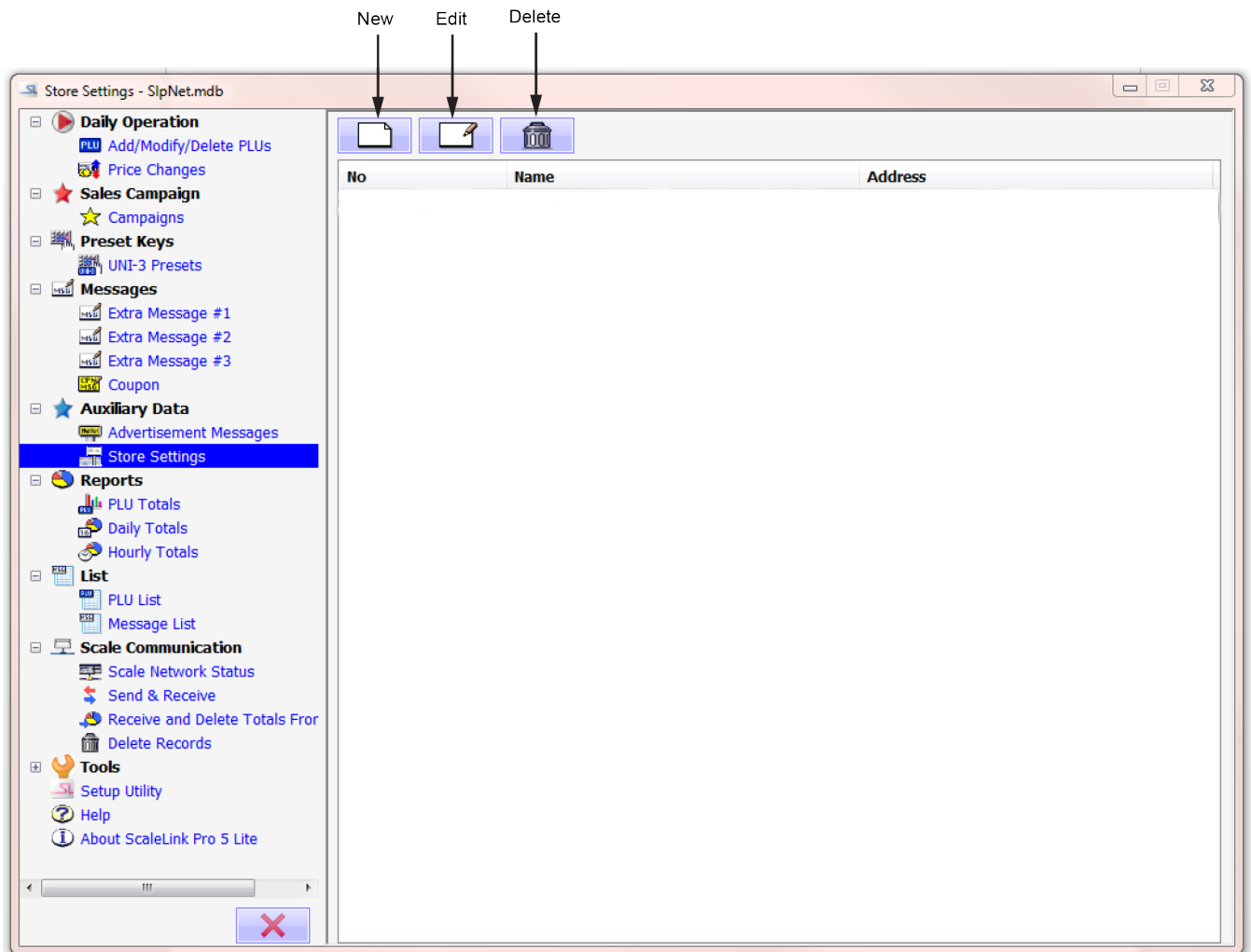


Figure 7-1

3. Key in the store name and address in the Name and Address fields. See Figure 8-1.

**Note:** When entering store name and address, only one line of text is permitted for each field.

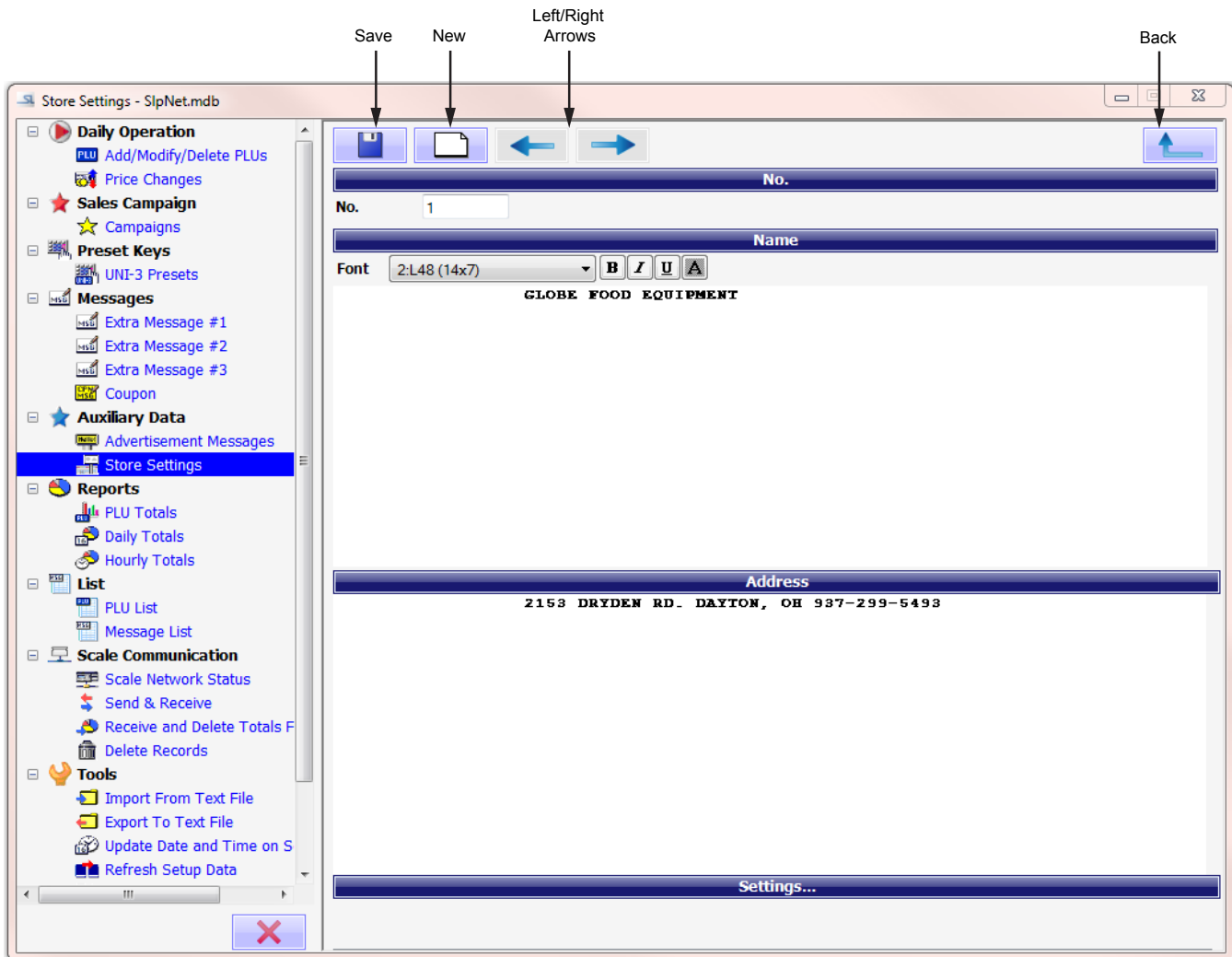


Figure 8-1

The operation and explanation of each Store Settings dialog button and field is described below:

Operation	Explanation
Store No.	Specifies the store number. If you change the Store No field, the data will be saved as a new store. Any existing store with the same number is overwritten.
Store Name, Store Address	Enter the store name and address in these areas. Use the Font combo box and format buttons (bold, italic, etc.) to format the text.



### 3. Label Properties

The Label Properties dialog box edits the name, size and background image settings for a label.

1. Select Setup Utility from the menu. See Figure 9-1.

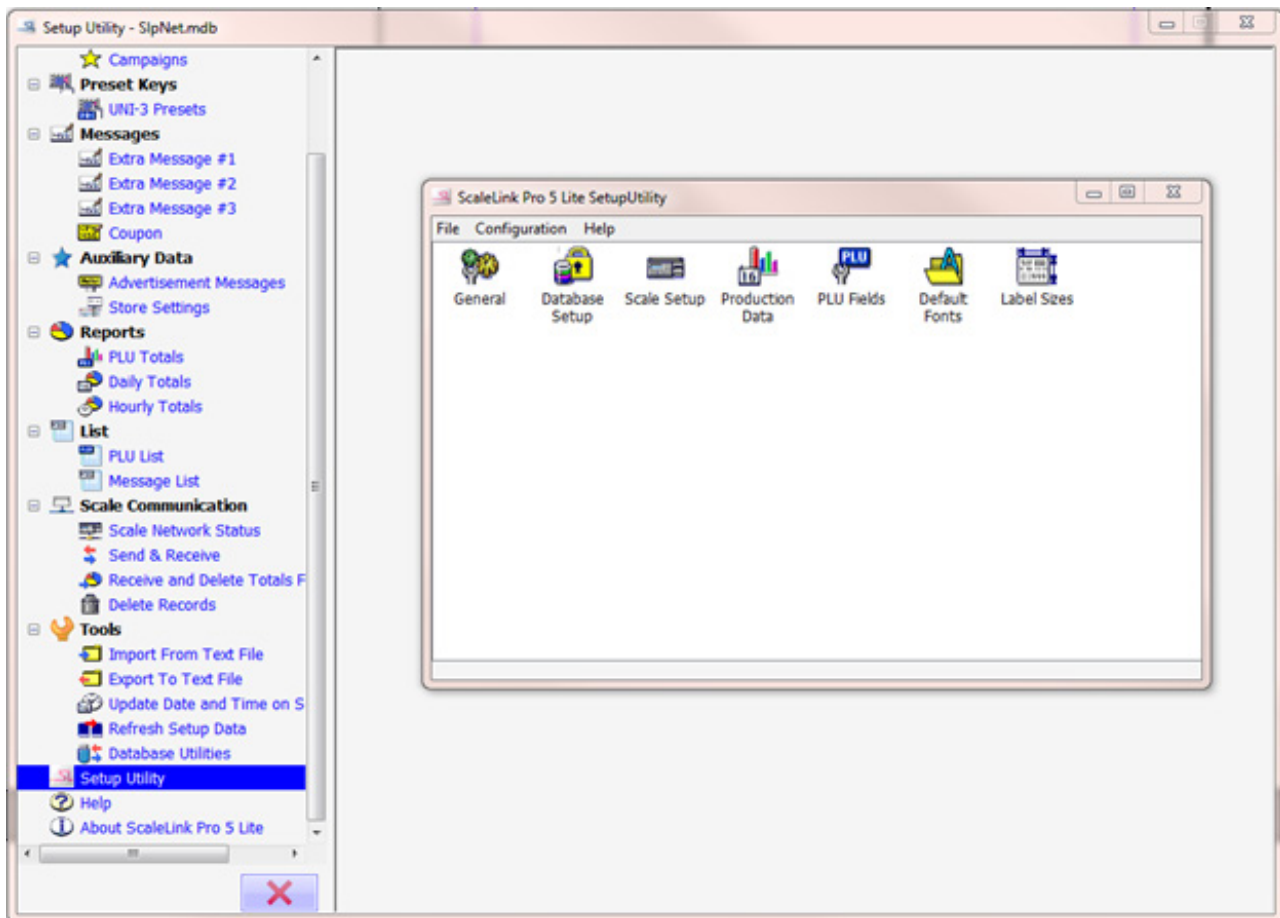


Figure 9-1

2. Select Label Sizes from the ScaleLink Pro 5 Lite Setup Utility window. See Figure 9-2.

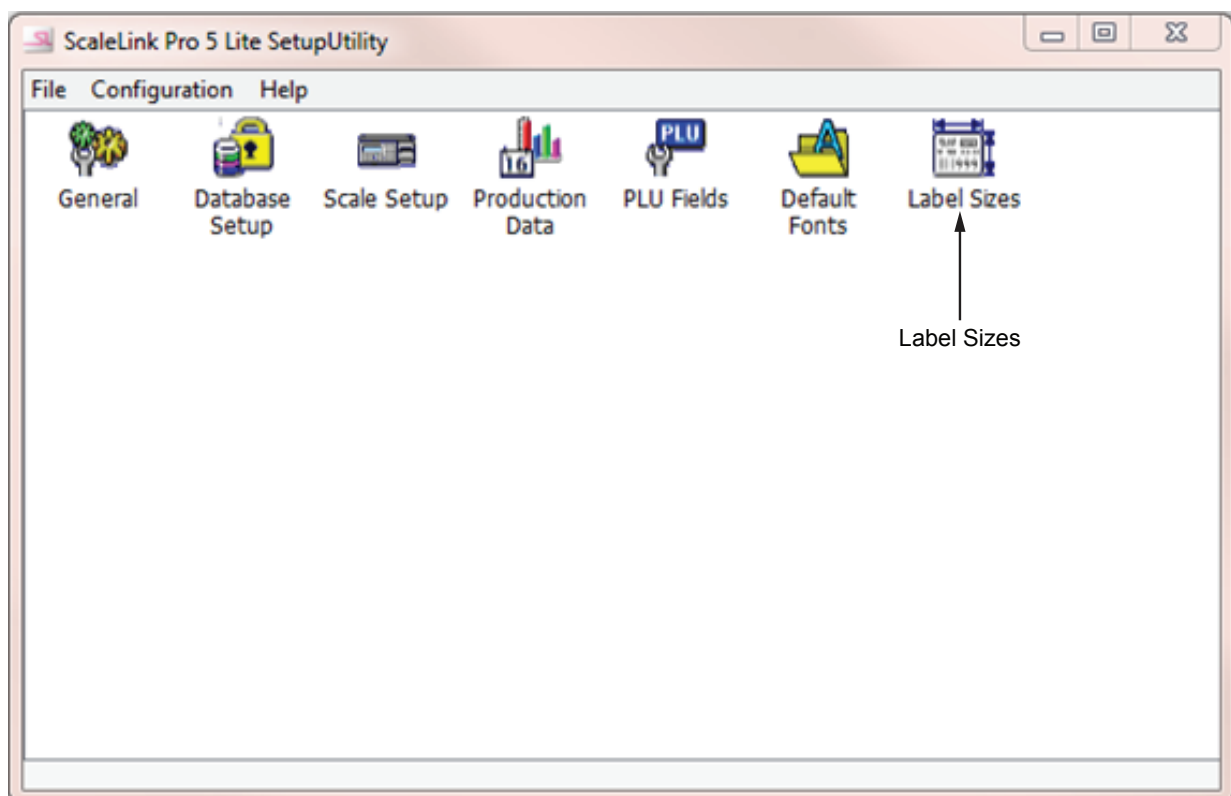


Figure 9-2

3. The Label Sizes Settings Dialog box will open. Update Default description text area width 55.0 to 52.0 mm. See Figure 10-1.

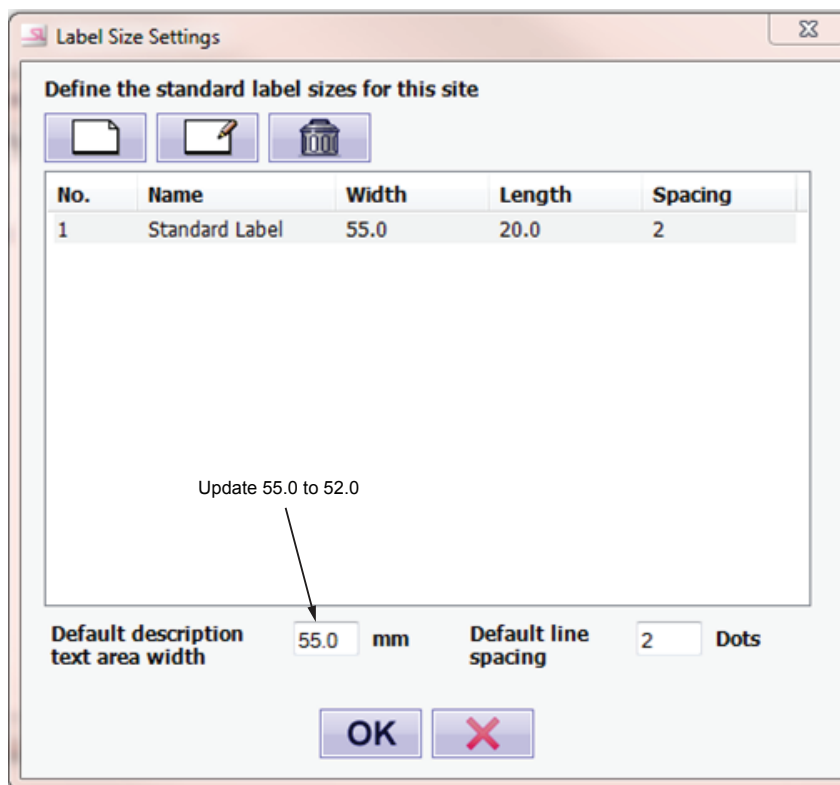


Figure 10-1

4. Select Standard Label.
5. Select Edit. See Figure 10-2.

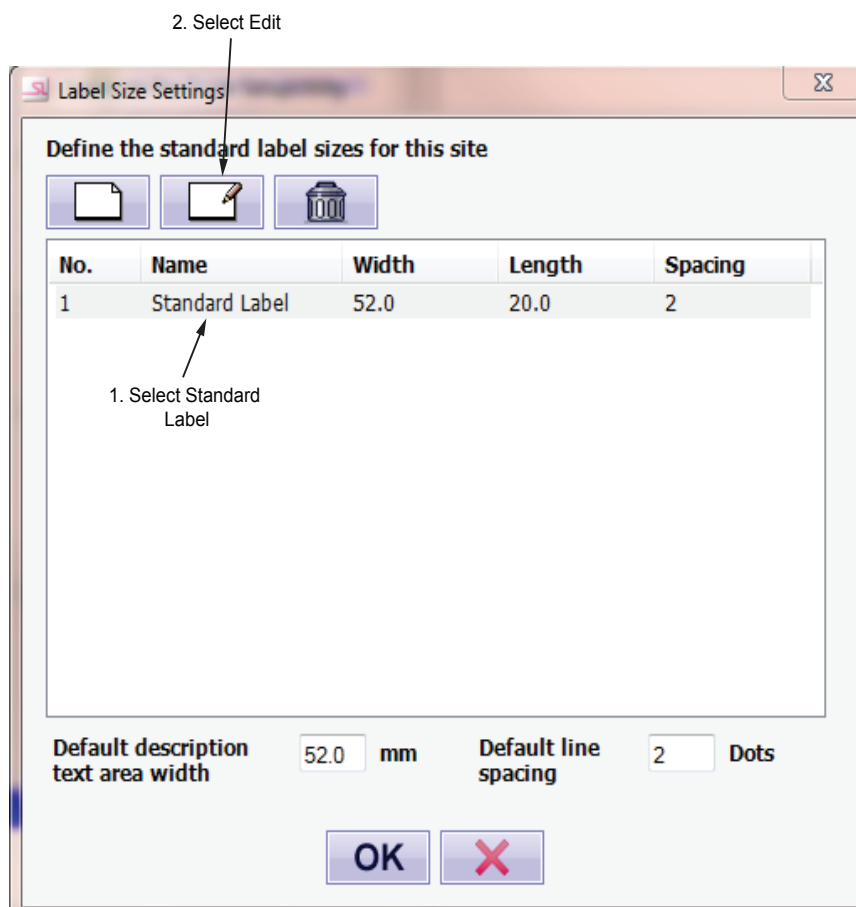


Figure 10-2

6. The Edit Label Size dialog box will display. See Figure 11-2.
7. Update Product description width from 55.0 to 52.0 mm

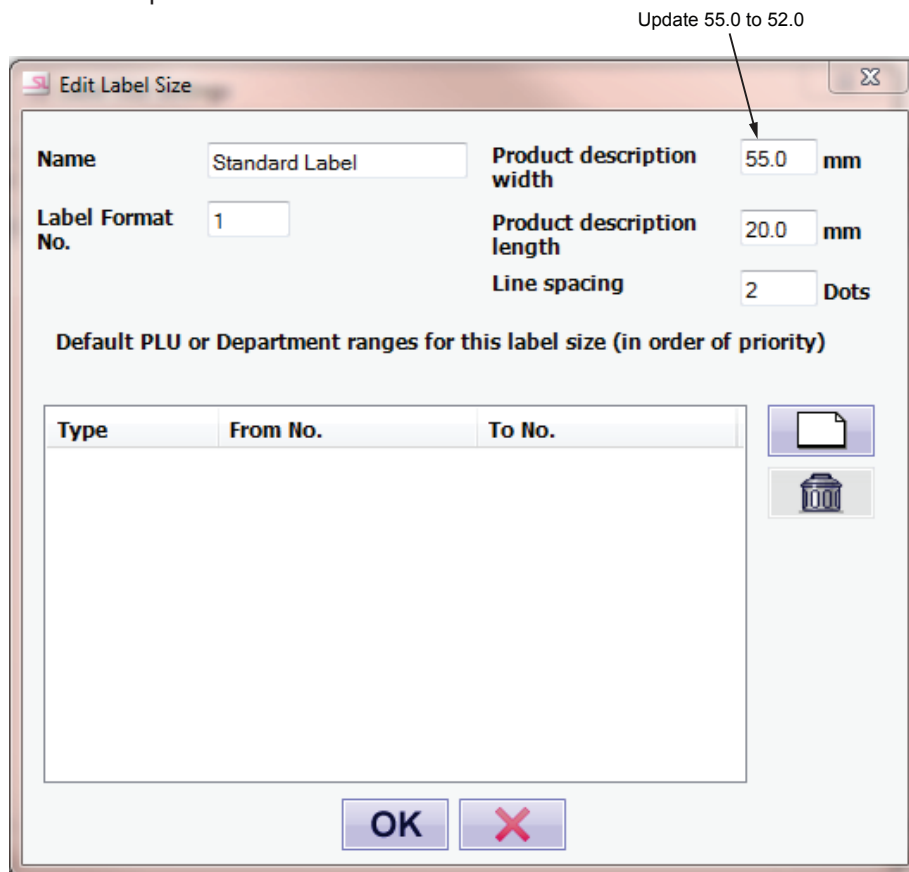


Figure 11-2

8. Select OK to save and close the Edit Label Size dialog box.
9. Select OK to save and close the Label Size Settings dialog box.
10. Close the ScaleLink Pro 5 Lite SetupUtility window.

## 4. Add a New PLU

Add/Modify/Delete PLUs is used to create new PLUs, edit PLUs and delete PLUs. This opens a dialog for you to enter the PLU number. The number defaults to the next unused PLU number. If you wish to use a different number, enter an unused number, then press Return or click New to open the PLU Edit dialog.

1. Select Add/Modify/Delete PLUs from the Daily Operation drop down menu. See Figure 12-1.

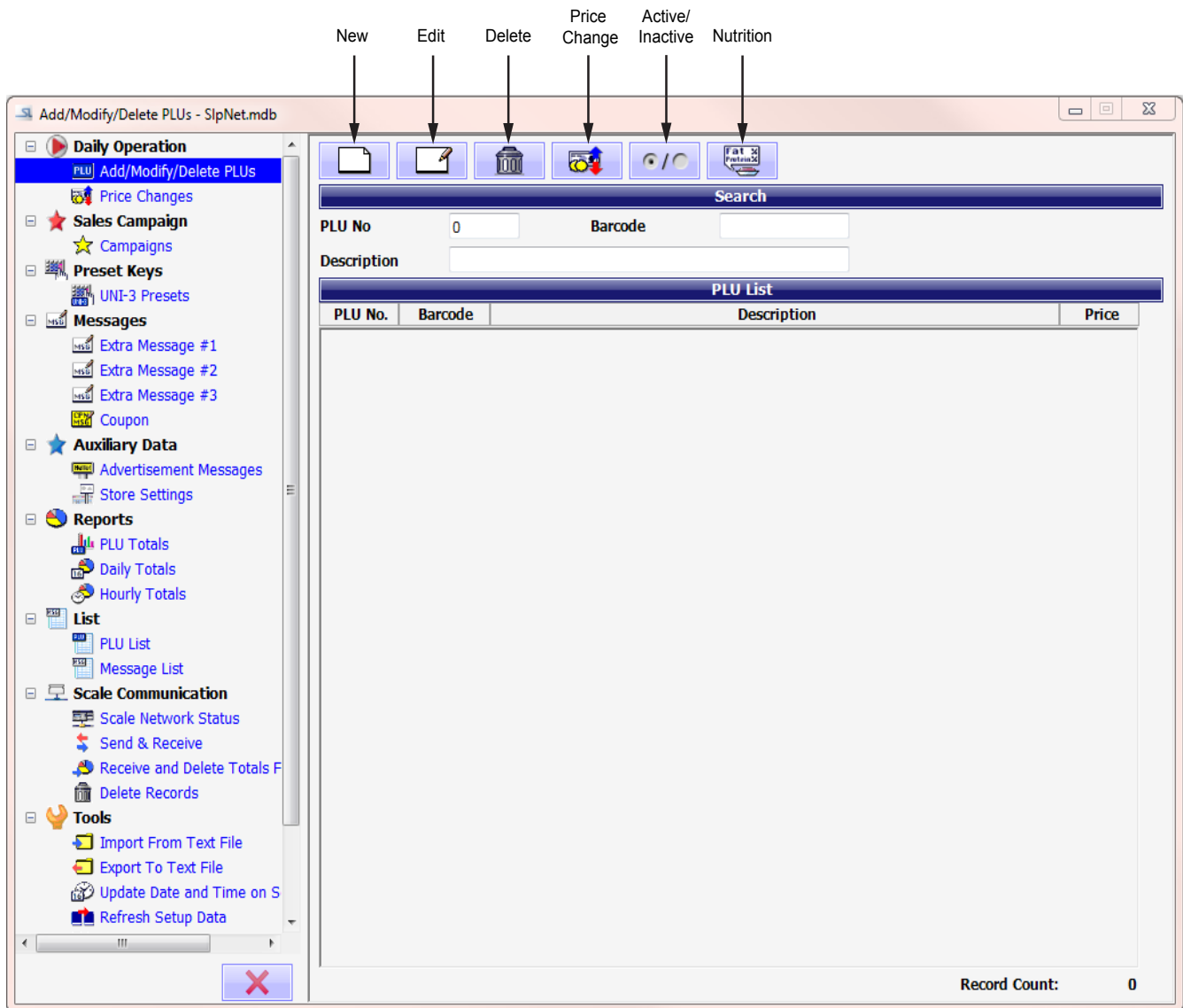


Figure 12-1

2. Select the New button. The PLU screen will display. See Figure 13-1.

**Note:** If you enter the number of an existing PLU, the data for that PLU is displayed. Otherwise, a new PLU is created and the initial values of the fields in the lower half of the dialogs are set to their default values. The default PLU number can be changed to a different PLU number. A warning message will open asking to confirm the PLU number change.

**Note:** The cursor is initially positioned in the Product Description field. Enter the PLU description. Next, use the mouse or TAB key to move the cursor to the price field and enter the PLU price. Similarly, enter any other values you wish to change

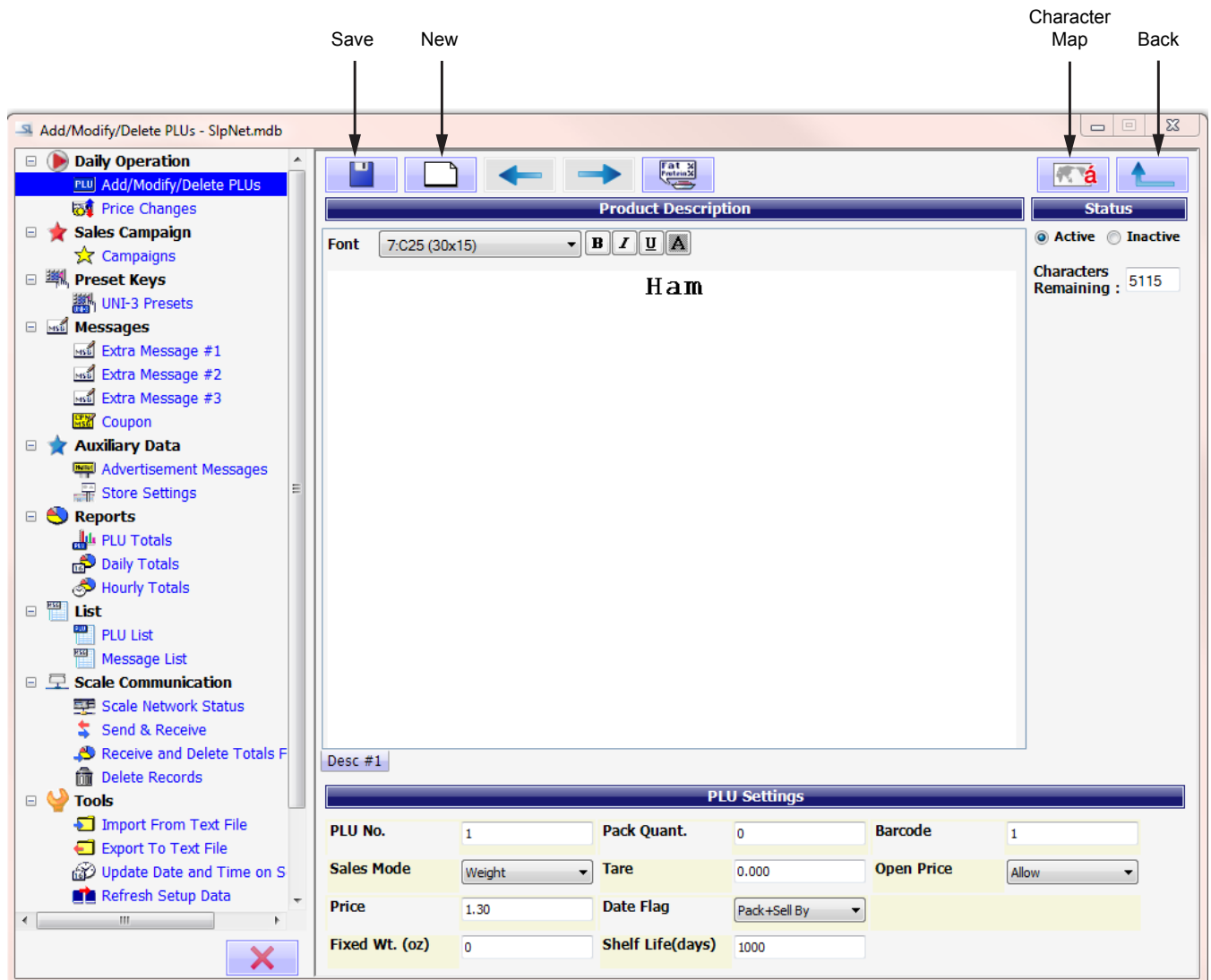


Figure 13-1

3. Key in the PLU description in the Product Description field. See Figure 14-1.
4. Select or key in the PLU Settings in the PLU Settings field and then select the Save button.
5. Select the Back button to return to PLU list.

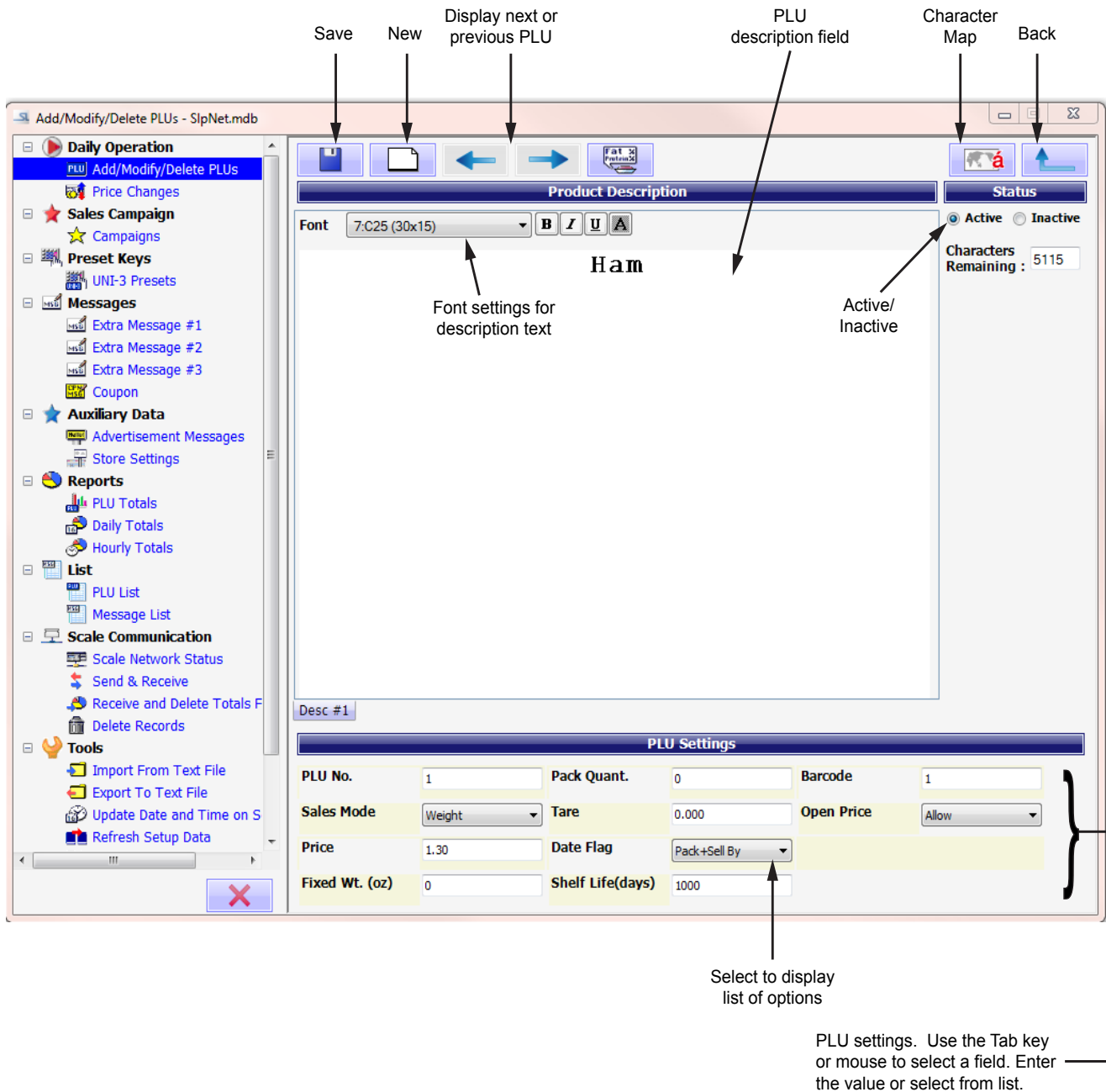


Figure 14-1

## 5. Find a PLU

### *If you know the PLU number*

Enter the PLU number in the PLU No. field. The specified PLU appears selected in the PLU list

### *If you know some or all of the PLU name*

The PLU name is the first line of the PLU description that appears on the label. Enter the initial characters of the PLU name in the Search field. The PLU list displays only those PLUs with names that start with the entered text. For example, entering "BEEF" displays all PLU names starting with the word "beef". (The search is not case-sensitive: entering "beef" is the same as entering "BEEF".)

You can also use the wildcard characters ('\*' and '?') to specify a more detailed search condition. For example, entering "\*BEEF" displays all PLU names containing the word "beef".

**Note: The search re-executes automatically each time you type a character. The response may be a bit slow on older computers. In this case, allow a few seconds for the list to update.**

### *If you do not know the PLU number or name*

When the cursor is in the Search field, the PLU list only displays those PLUs that match the search condition. Move the cursor back to the PLU No. field (e.g. click on the field) to clear the search results and display all PLUs in the PLU list.

Next, use the scroll bar, the up and down arrow keys to scroll the PLU list until you find the PLU you are looking for.

## 6. Edit PLU

1. Select Add/Modify/Delete PLUs from the Daily Operations drop down menu.
2. Select a PLU from the PLU list. See Figure 16-1.

Edit  
↓

PLU No.	Barcode	Description	Price
1		SWEET COOKIE INGREDIENTS: SUGAR, ENRICHED FLOUR, WHEAT	4.00
7	0	N.Y. STRIP USDA PRIME MEAT	2.99
8	0	GROUND BEEF EXTRA LEAN	3.99
9	0	PORTERHOUSE STEAK	10.99
10	0	T-BONE STEAK	2.38
101	0	SALMON FILLET GUARANTEED FRESH	8.80
102	0	MAINE LOBSTER FRESH DAILY	9.00
103	0	LAKE TROUT TRUCHAS	5.00
104	0	SHARK TIBURON	2.60
105	0	YELLOWFIN TUNA AMARILLO	2.50
106	0	SWORDFISH PES ESPADA	2.80
107	0	SEA BASS MOJARRA	5.99
108	0	RAINBOW TROUT FILLET	3.80
109	0	CALAMARI STEAK	2.58
110	0	TILAPIA FILLET SKIN-ON	3.98
201	0	LIVE WILD CHERRYSTONE CLAM(USA)	1.23
202	0	HAM SANDWICH	1.23
203	0	BREAKFAST SANDWICH	1.99
204	0	MEXICAN 7 LAYER DIP	2.99
205	0	HOT BARBECUE SPARE RIB PLATTER	2.38
206	206		0.00

Record Count: 38

Figure 16-1



3. Select the Edit button or double-click on a PLU to display the PLU Edit window. See Figure 17-1.
4. Update the fields and select the Save button.
 

**Note:** The New button in the PLU Edit window is used to select the next free PLU number. The default PLU number can be changed to a different PLU number. A warning message will open asking to confirm the PLU number change. PLU will not be created until the Save button has been selected.
5. Select the Back button to return to the PLU screen.

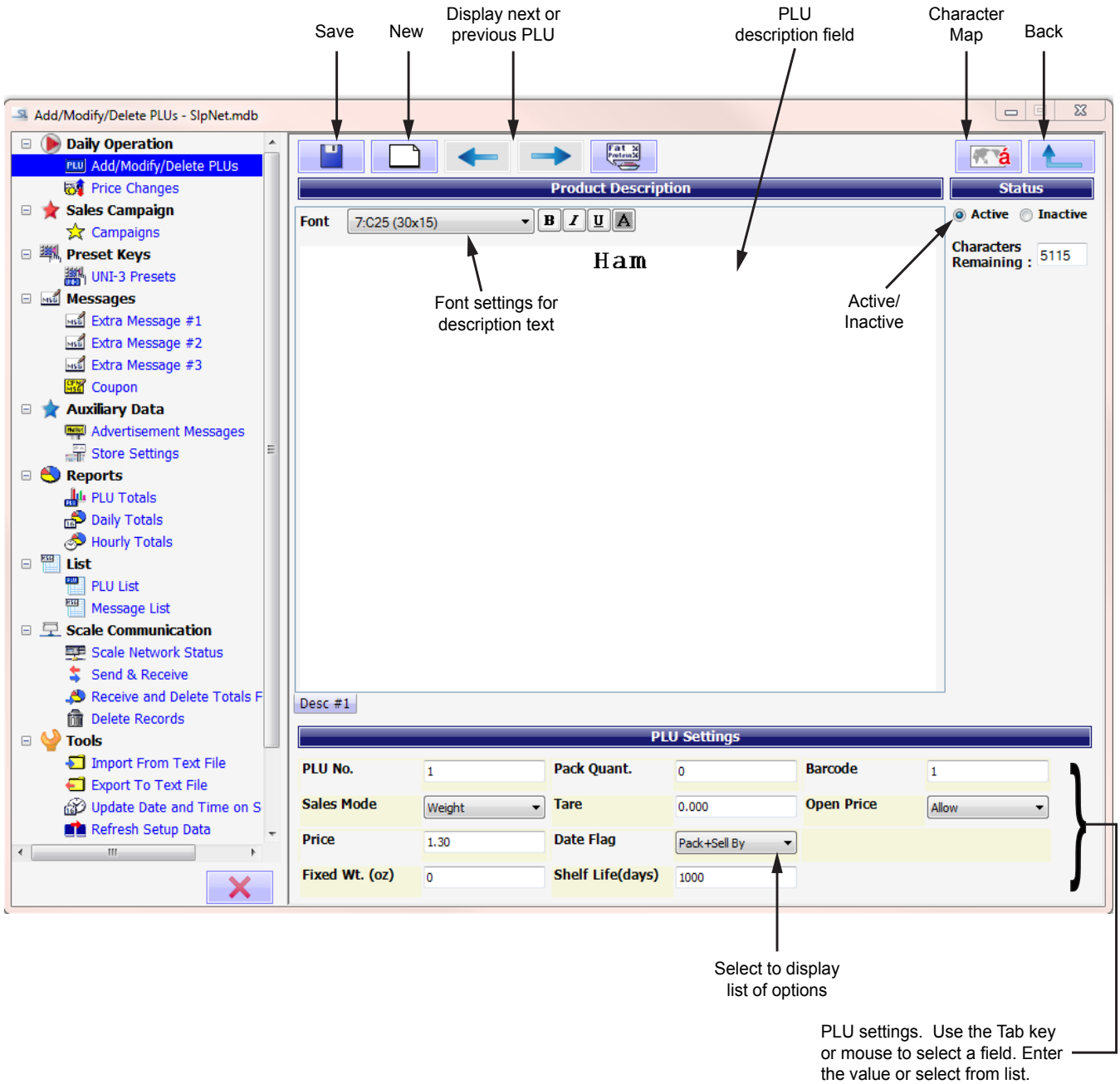


Figure 17-1

## 7. Delete PLU

1. Select Add/Modify/Delete PLUs from the Daily Operation drop down menu and select PLU to delete.
2. Select Delete button. A dialog opens asking whether or not to delete the PLU. Screen will display: This will delete the selected PLU. Do you wish to proceed? See Figure 18-1.
3. Select Yes to delete or No to cancel.

**Note:** To delete multiple PLUs at once refer to Scale Communication, Delete Records.

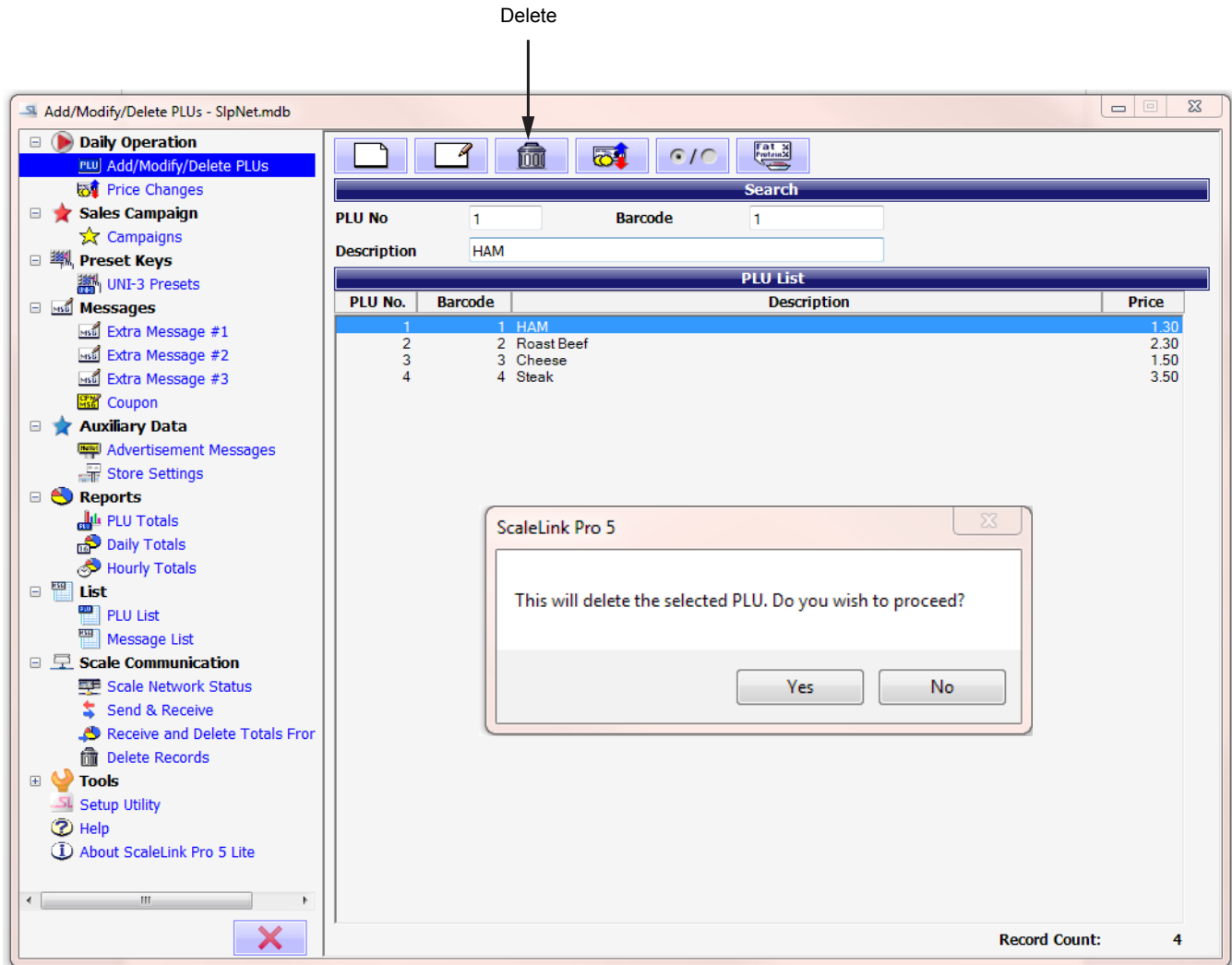


Figure 18-1

## 8. Setting Up Ingredient Labels (E13 only)

Setting up ingredient labels requires the use of ScaleLink Pro 5 Lite and ScaleLink Pro 5 Maintenance Utility Software.

1. Install the ScaleLink Pro 5 Lite and ScaleLink Pro 5 Maintenance Utility Software on your computer following the guidelines in the “Quick Start Guide for GSP30B Scale”.
2. Connect the scale to PC following the guidelines in the “Quick Start Guide for GSP30B Scale”.
3. Use the “Instruction Manual for Globe Label Printing Scale Model GSP30B, Cassette Set up for Ingredients (E13) Labels instructions, to format the scale for the ingredient labels.

### Starting ScaleLink Pro 5 Lite (second and subsequent times)

When you start ScaleLink Pro 5 Lite, the program will automatically load the Add/Modify/Delete PLUs display window. See Figure 19-1.

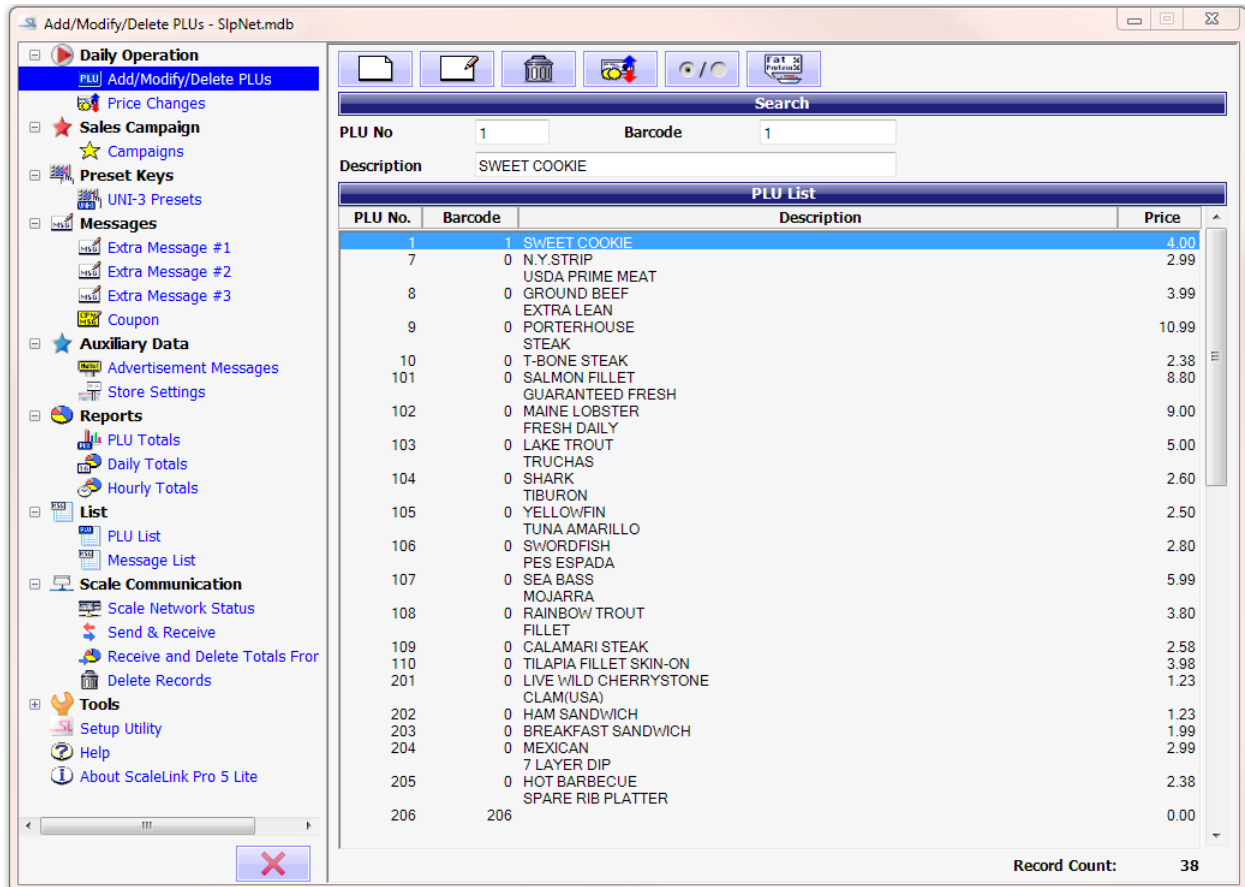
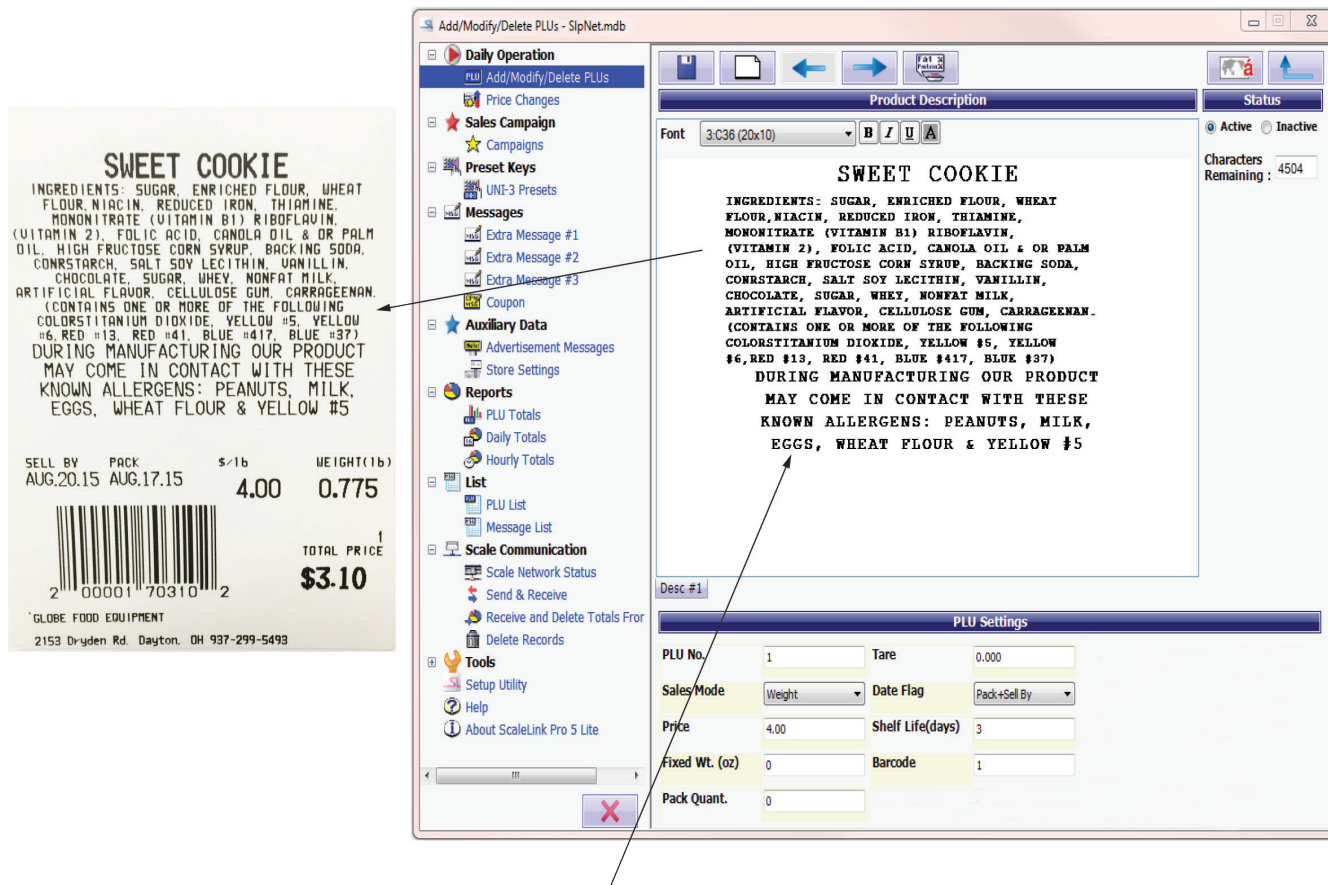


Figure 19-1

1. Double click on a PLU or select the Edit button to add ingredient information to a PLU (E13 only).
2. Key in the ingredients in the Product Description box and select the Save button (E13 only). Refer to Figure 20-1.



This is the description text field. You can use different size fonts in this field. This example uses the 7:C25 (30X15) font for SWEET COOKIE. The ingredients are listed using the 2:L48 (14X7) font. The warning at the end of the label uses the 3:C36 (20X10) font size. Remember, the maximum field length is 45.00mm. The warning below is set for the standard E11 label and the Safe Handling E12 label.

**NOTE FONTS YIELD:**

- 2:L48 (14X7) = 46 characters per line;
- 3:C36 (20X10) = 34 characters per line;
- 7:C25 (30X15) = 24 characters per line;
- 10:C19 (40X20) = 18 characters per line;
- 12:C13 (60X30) = 12 characters per line;
- 13:C10 (80X40) = 9 characters per line;
- 14:C7 (120X60) = 6 characters per line

Figure 20-1

### **Entering the PLU description and ingredients (Ingredients - E13 label only)**

The large field in the middle of the PLU Edit dialog box contains the PLU description. Click on the field to set the input focus and use the mouse or arrow keys to move the cursor. Use the operations described below to enter or modify the description text.

Operation	Explanation
Insert text	Position the cursor at the desired location and enter text from the keyboard. The font and label width determine how many characters are displayed per line. Press the INS key to switch between insert and overwrite mode.
Select text	Drag with the mouse or hold down the shift key and use the left or right arrow key to move the cursor over the desired text. The selected text appears highlighted.
Change line font	A different font can be set for each line. Position the cursor in the line and select the desired font from the Font field. <b>NOTE FONTS YIELD:</b> 2:L48 (14x07)=46 characters per line; 3:C36 (20x10)=34 characters per line; 7:C25 (30x15)=24 characters per line; 10:C19 (40x20)=18 characters per line; 12:C13 (60x30)=12 characters per line; 13:C10 (80x40)=9 characters per line; 14:C7 (120x60)=6 characters per line
Cut, Copy or Paste	Use the Edit menu or the standard Windows keystrokes to cut, copy or paste description text.

### **Entering the PLU settings**

The lower half of the window displays the various PLU settings. Which fields are displayed depends on how your system is configured.

Use the mouse or TAB key to move to a field, then enter or select the desired value. An error message appears if you try to move to another field when the value of this field is outside the allowed range.

**Note:** You can only enter digits. None of the PLU fields accept letters or punctuation symbols.

### **Changing the PLU number**

The PLU number field is at the bottom left of the PLU Settings dialog box. You can change the value to save the displayed data with a different PLU number. In this case, a warning message appears if a PLU with the specified number already exists. Saving the PLU data to a new PLU number does not delete the old PLU number and leaves the data for the old PLU unchanged.

### **Saving your changes**

Click the Save button. This saves the PLU in the database.

## 9. Preset Keys

Scale preset keys can be assigned in a two-step process. First define the keyboard settings for a keyboard. Then the keyboard can be assigned to any number of scales.

Select UNI-3 Presets from the Preset Keys drop down menu to add, edit and delete the keyboards in the software database. See Figure 22-1.

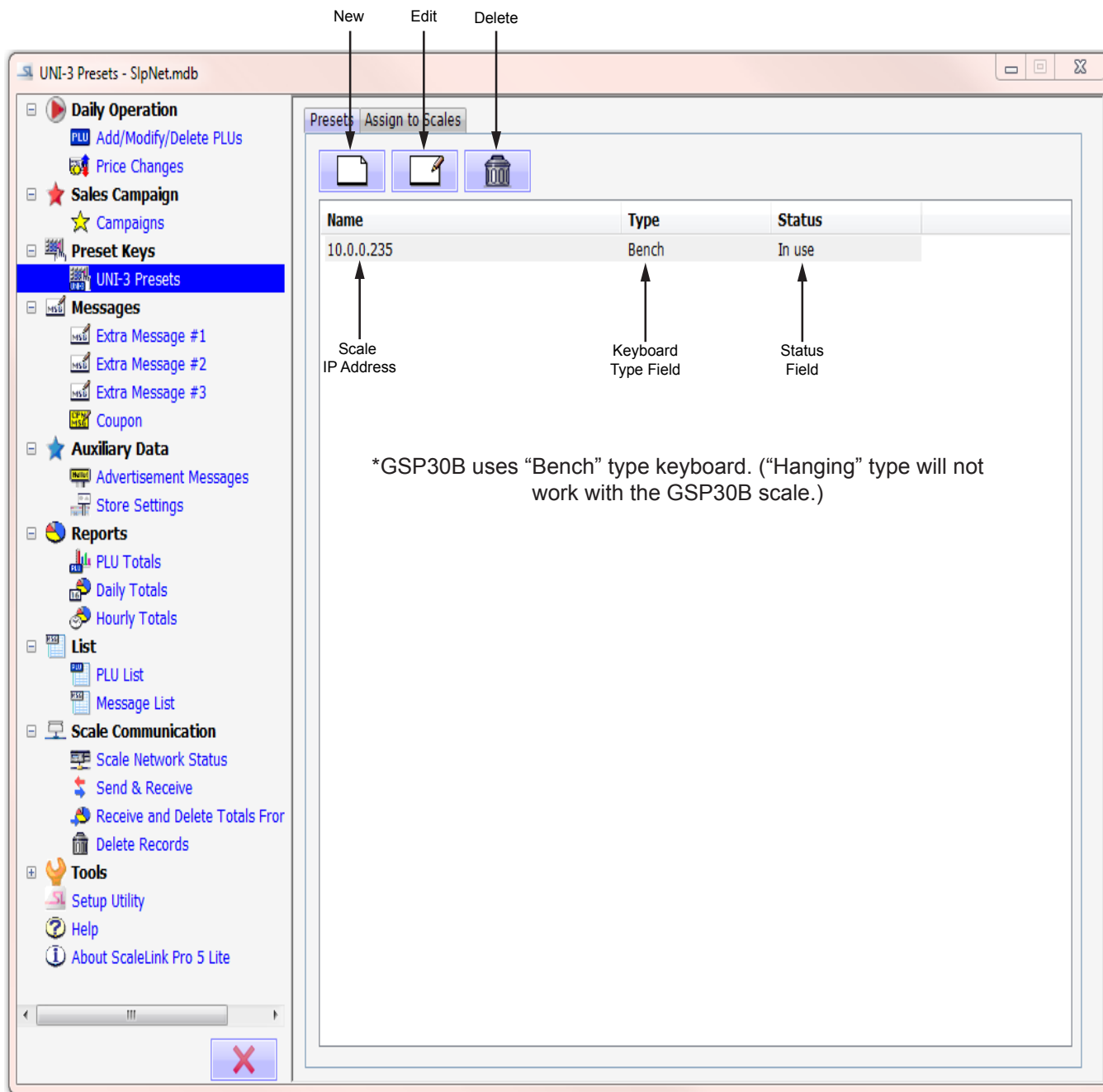


Figure 22-1

## 9.1 Defining Keyboards

The keys on the GSP30B keyboard can be assigned to particular PLUs, tare weights, and various other functions. The scale keyboard has a shift key, so you can define two meanings for each key. These are called the upper (standard) and lower (shift key pressed) keys respectively. See Figure 23-1.

**Note:** Different scale models have different keyboard layouts (GSP30B scale is Bench-84 keys only).

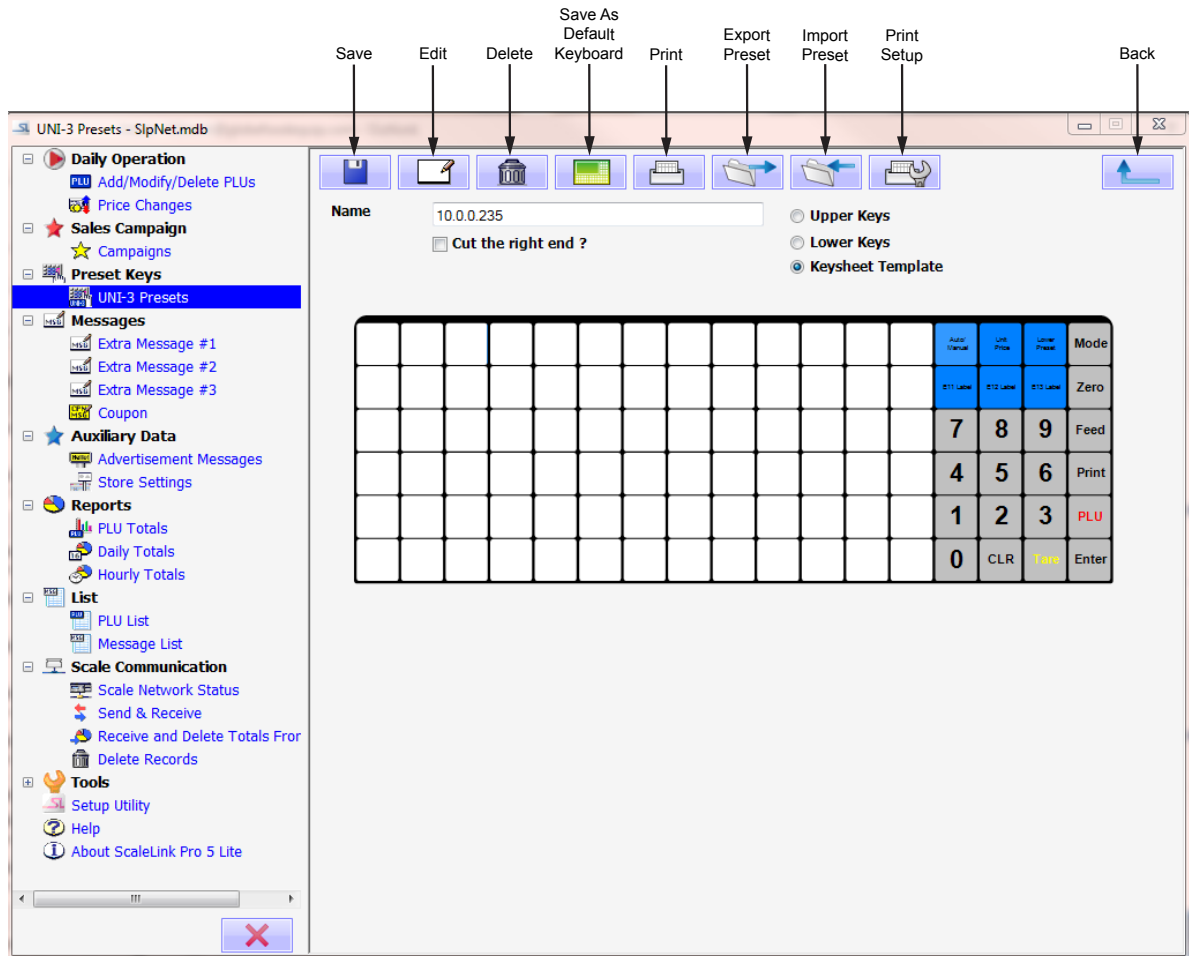


Figure 23-1

The operation and explanation of each Keyboard button is described below:

Operation	Explanation
Save	Saves changes to preset keys.
Edit	Select to edit the selected edit preset key.
Delete	Deletes the selected preset key. The preset key is deleted from the database.
Save As Default Keyboard	Saves the keysheet template settings from the current keyboard as the default for the corresponding scale model. The next time a new keyboard is created for that scale model, the initial settings are copied from this default keyboard.
Print	Print the keysheet template.
Export Preset	From the Keyboard Edit window, open the Keyboard menu and select Import Preset or Export Preset to import or export the keyboard layout to a text file. See the Text File Import & Export topic for details of the operation.
Import Preset	
Print Setup	Opens the standard Windows print setup dialog box to select the printer and set options such as the paper size and orientation.
Name	Keyboard name (for display in software).
Upper Keys, Lower Keys, Keysheet Template	Switch the display between the upper keys, lower keys, and keysheet template. You can assign two meanings to each key (upper and lower).

Operation	Explanation	
Keyboard layout area	Double click on a key, or select Edit Key from the Keyboard menu	Open a dialog box to edit the key settings.
	Press DELETE, or select Delete Key from the Keyboard menu	Delete the selected key
	Drag a key	Move the key to a new position. Hold down the CTRL key to copy instead of moving the key.



## 9.2 Edit Preset Key

The Edit Preset Key dialog box specifies the upper and lower presets and the keysheet printing format for a specific key. See Figure 25-1.

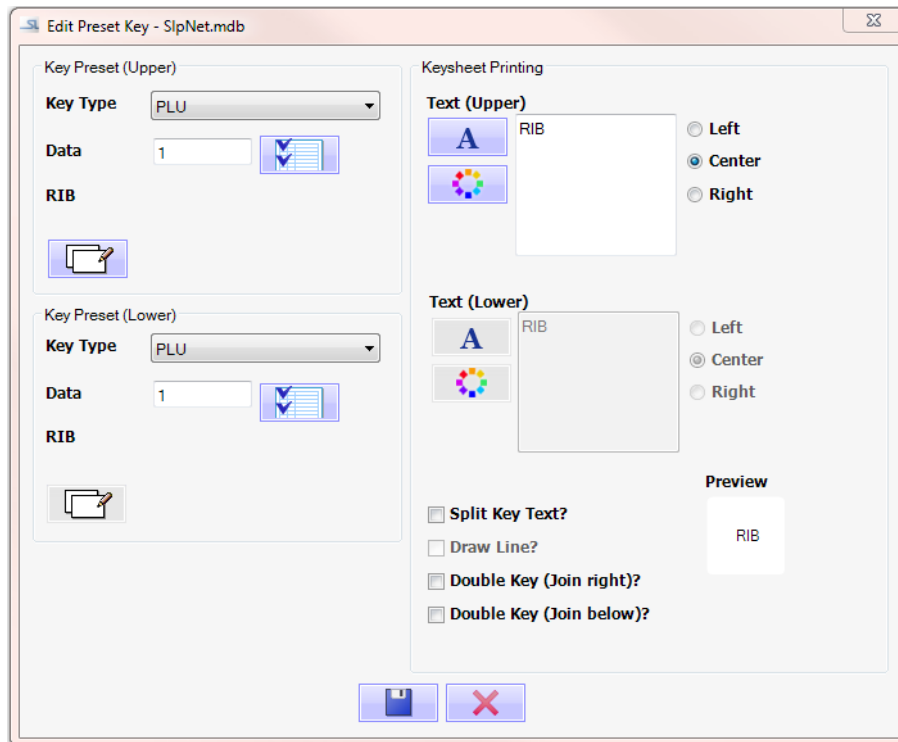


Figure 25-1

The operation and explanation of each Edit Preset Key field is described below:

Operation	Explanation
Key Type	Select the key meaning from the combo box (Not all options are available with the GSP30B Scale).
Data	Some key types such as PLU have an associated data value (the PLU number in this case). Enter the value or use the Select button to select from a popup dialog. This field is grayed out for key types such as the 00 and 99 keys that do not have an associated value.
Text (upper), Text (lower)	Enter the text to print in the upper and lower parts of the key. The lower text is only printed if the Split Key Text? check box is selected. See the Split Key Text? explanation below.
Font, Color	Use these to set the font and background color for the key text. (Note that you can set the foreground color for the text as part of the font setting.)
Split Key Text?	Splits the key area into upper and lower parts (to agree with the upper and lower preset key meanings). If this check box is off, the upper text is displayed over the entire key area and the lower text is ignored.
Draw Line?	If the Split Key Text? check box is selected, you can select this check box to draw a line through the middle of the key.
Double Key (join right)? Double Key (join below)?	Links this key to the adjacent key to the right or below the current key. You can use this as a way of making the key larger and therefore easier to use. Any existing preset key settings for the adjacent linked key are lost.
Preview	Displays a preview of the key.

## 10. Default Presets

The SLP-V Lite software is not installed with the default presets from the scale. When linking the scale to your PC through a network or a direct Ethernet connection the presets can be imported using the Send & Receive function under Scale Communication. When a network or direct Ethernet connection is not available the presets must be input manually.

The default presets on the scale are the six highlighted buttons above the numerals. See Figure 26-1.

Default Preset Keys

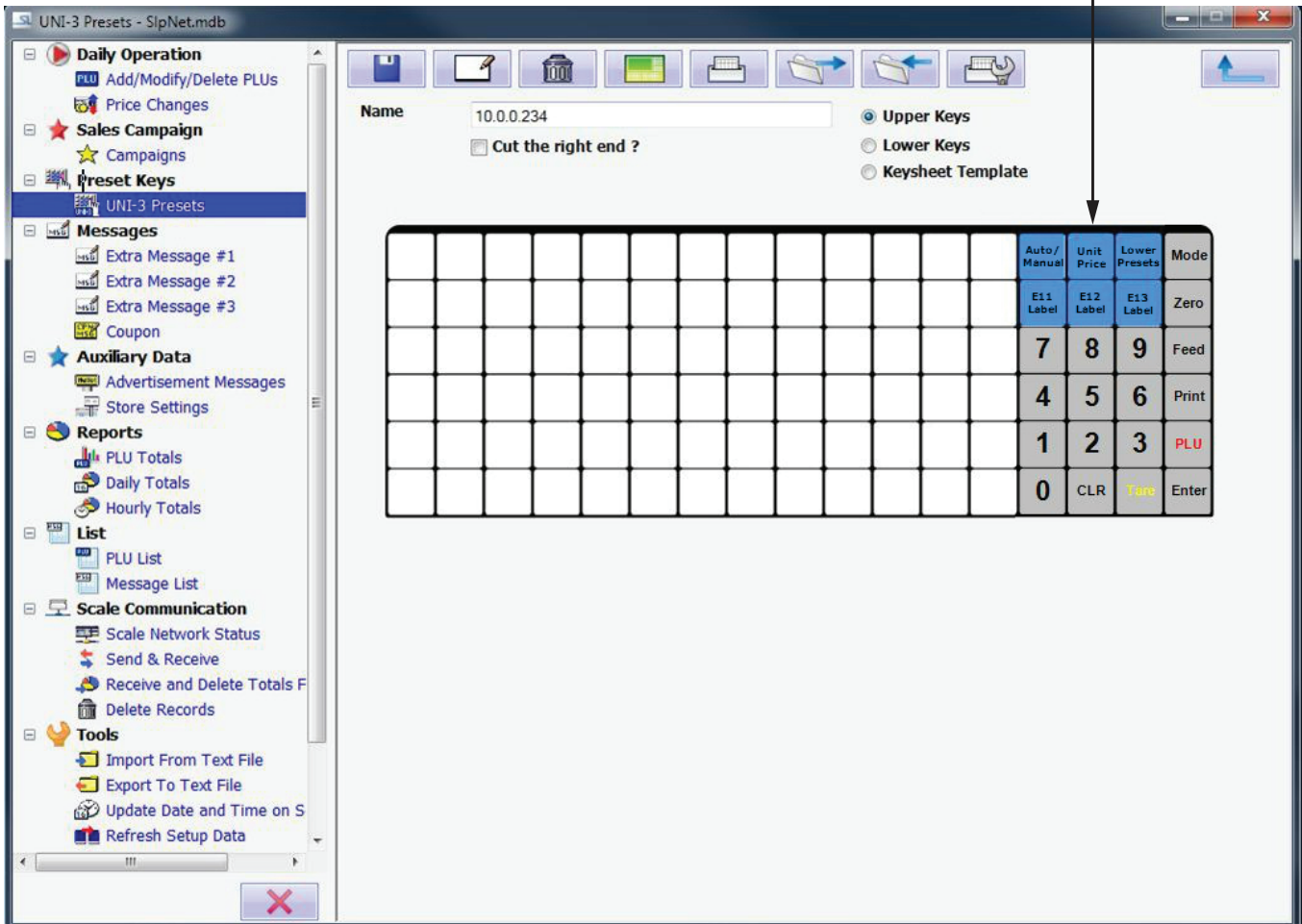


Figure 26-1

**Note:** Preset keys can be imported into the SLP-V software two ways. Import the preset.txt file. This file can be obtained by calling Technical Support at 866-424-2606 or by manual setup. To manually setup the default preset keys follow the instructions below.

1. Open SLP-V Lite and select UNI-3 Presets from the Preset Keys dropdown menu. See Figure 27-1.

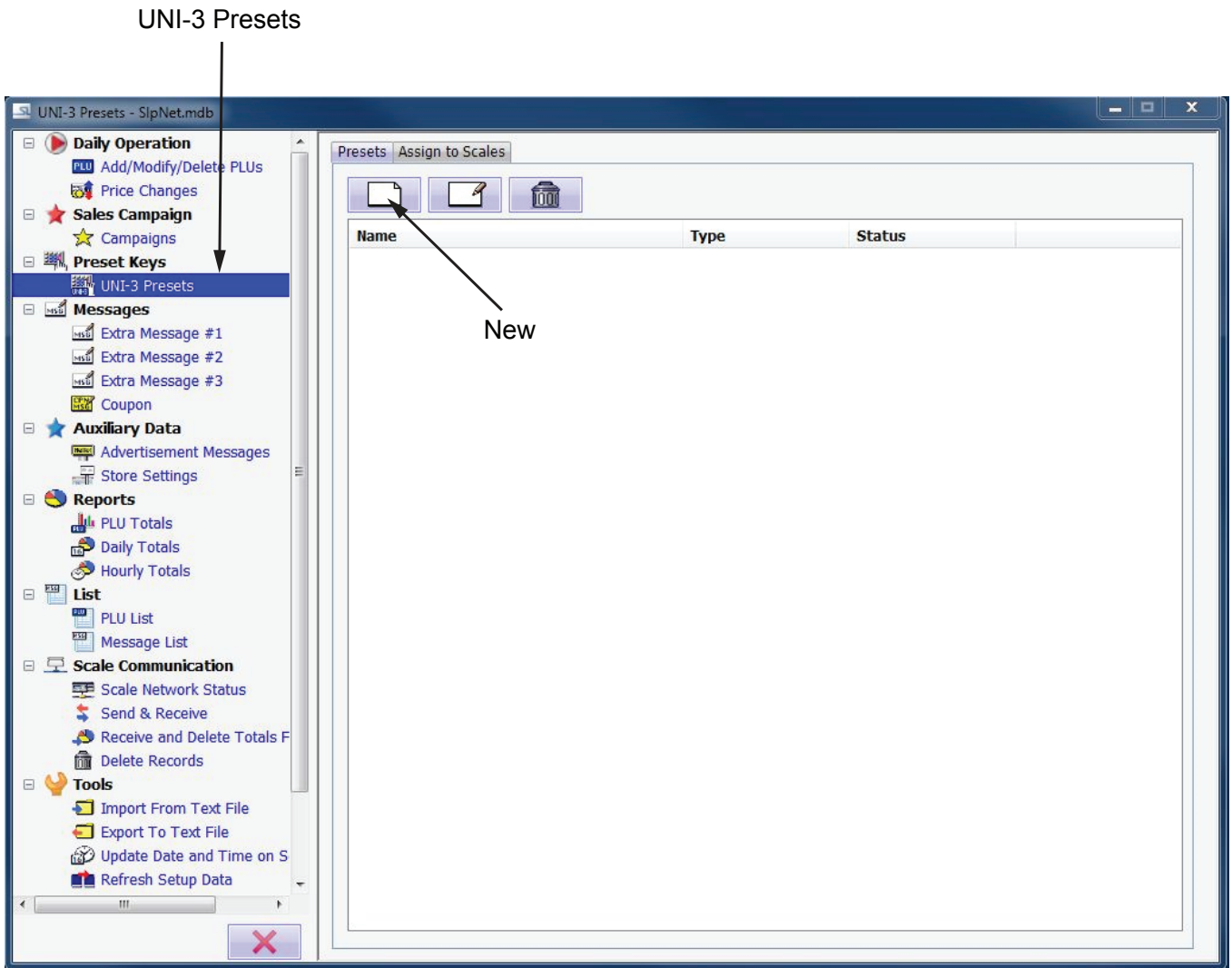


Figure 27-1

2. Select New from the UNI-3 Presets - SlpNet.mdb dialog box.
3. Select Bench 84 keys/page from the Select Keyboard Type dialog box. See Figure 27-2.

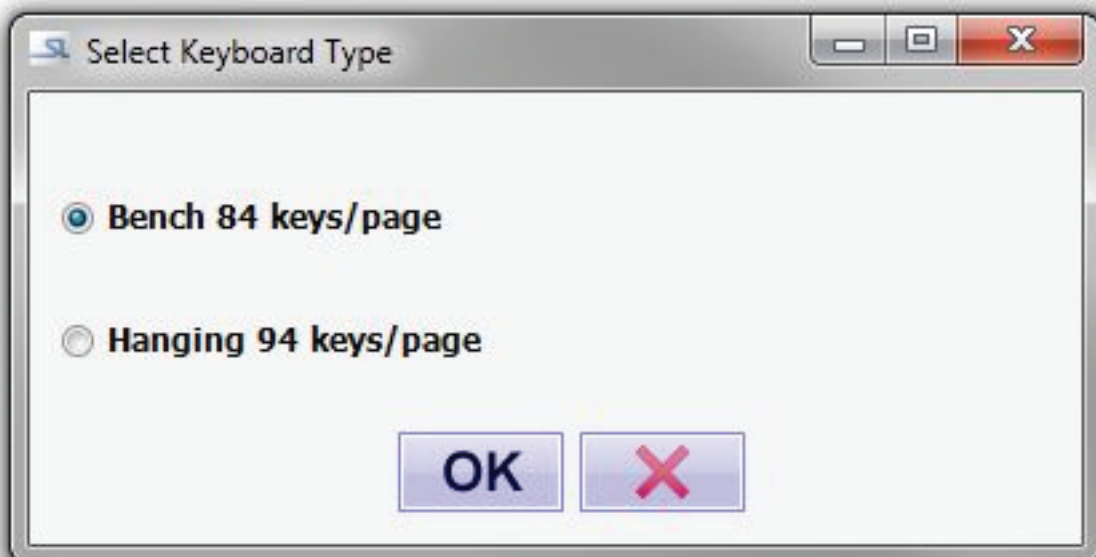


Figure 27-2

4. Select OK. The UNI-3 Presets - SlpNet.mdb dialog box will display. See Figure 28-1.

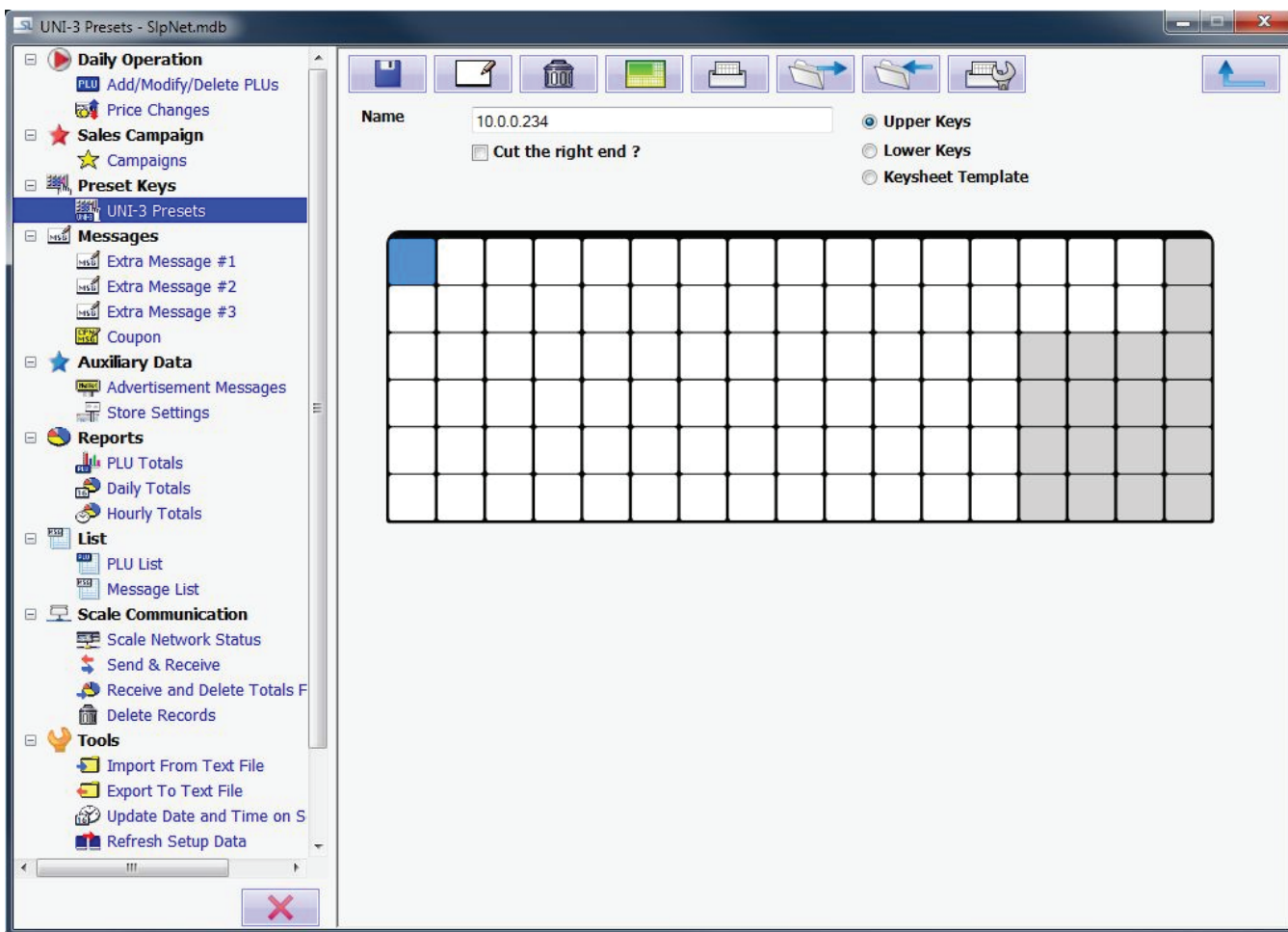


Figure 28-1

**Note:** Six default preset keys are setup on the GSP30B Scale. In order to comply with the current GSP30B scale setup, select the same preset key in the UNI-3 Presets - SlpNet.mdb dialog box. Refer to the operator keysheet that is supplied with the scale for reference.

5. Double click on the applicable preset key. The Edit Preset Key - SlpNet.mdb dialog box will display. See Figures 28-2 and 29-1.

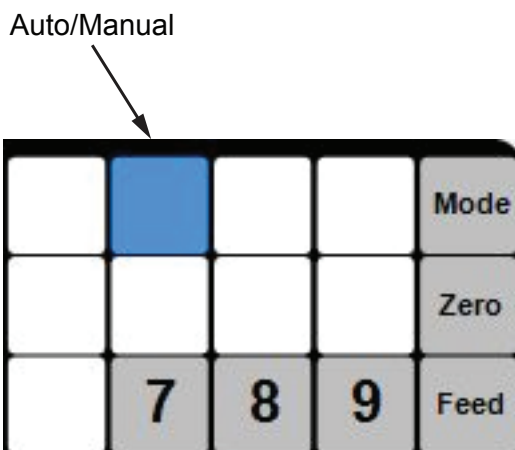


Figure 28-2

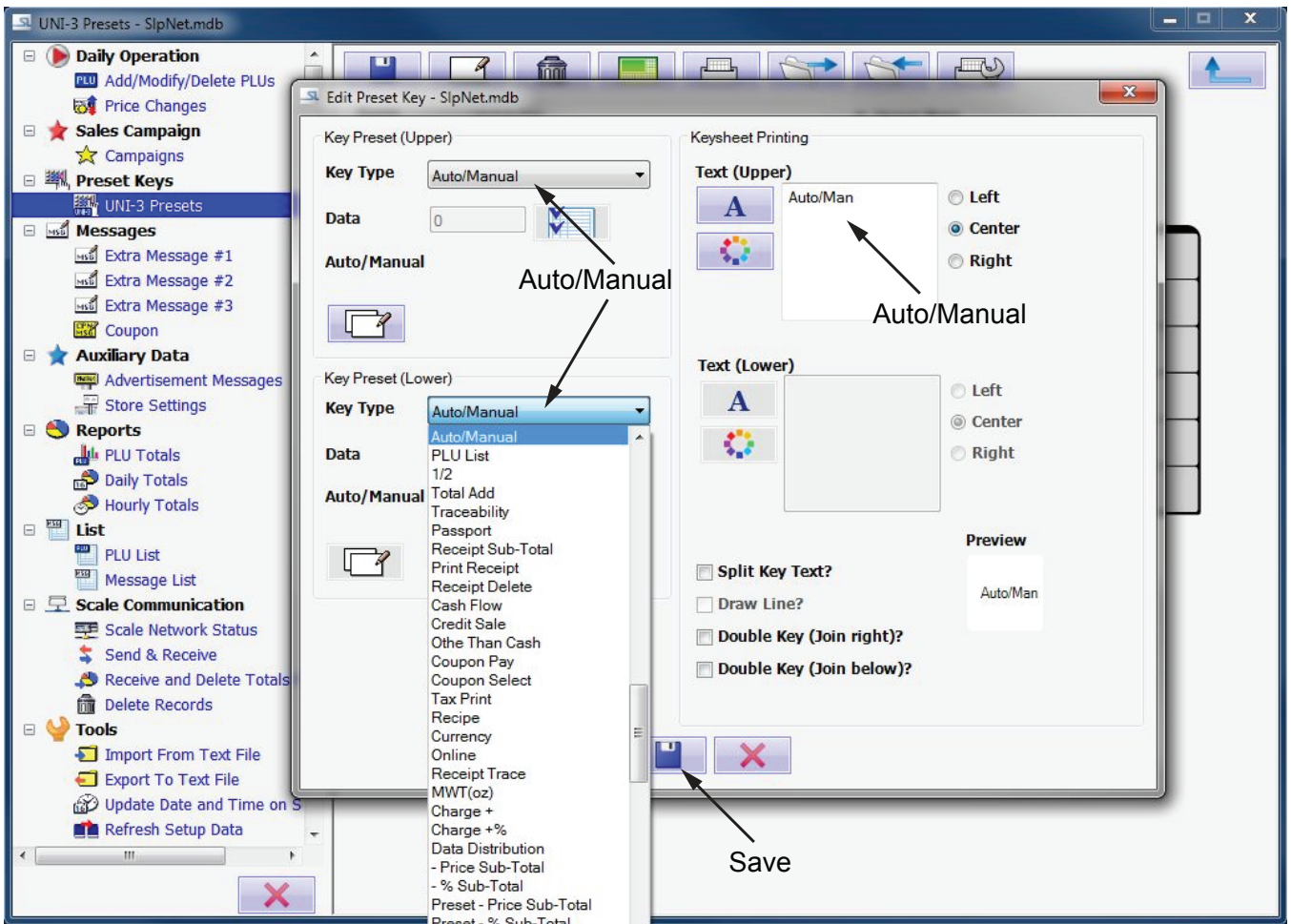


Figure 29-1

6. Select Auto/Manual from the Key Preset (Upper) and Key Preset (Lower) Key Type dropdown menus.
7. Key in Auto/Manual in the Text (Upper) field.
8. Select Save.
9. Double click on the applicable preset key. The Edit Preset Key - SlpNet.mdb dialog box will display. See Figures 29-2 and 30-1.

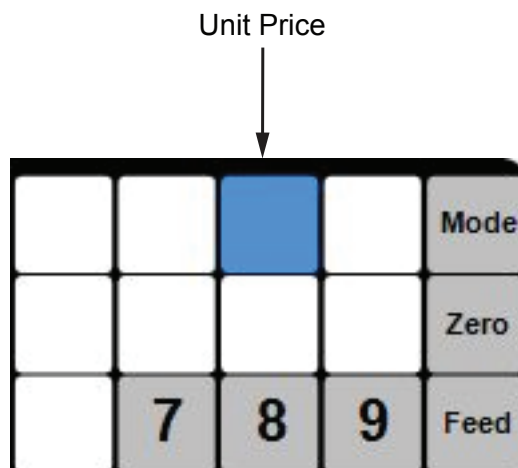


Figure 29-2

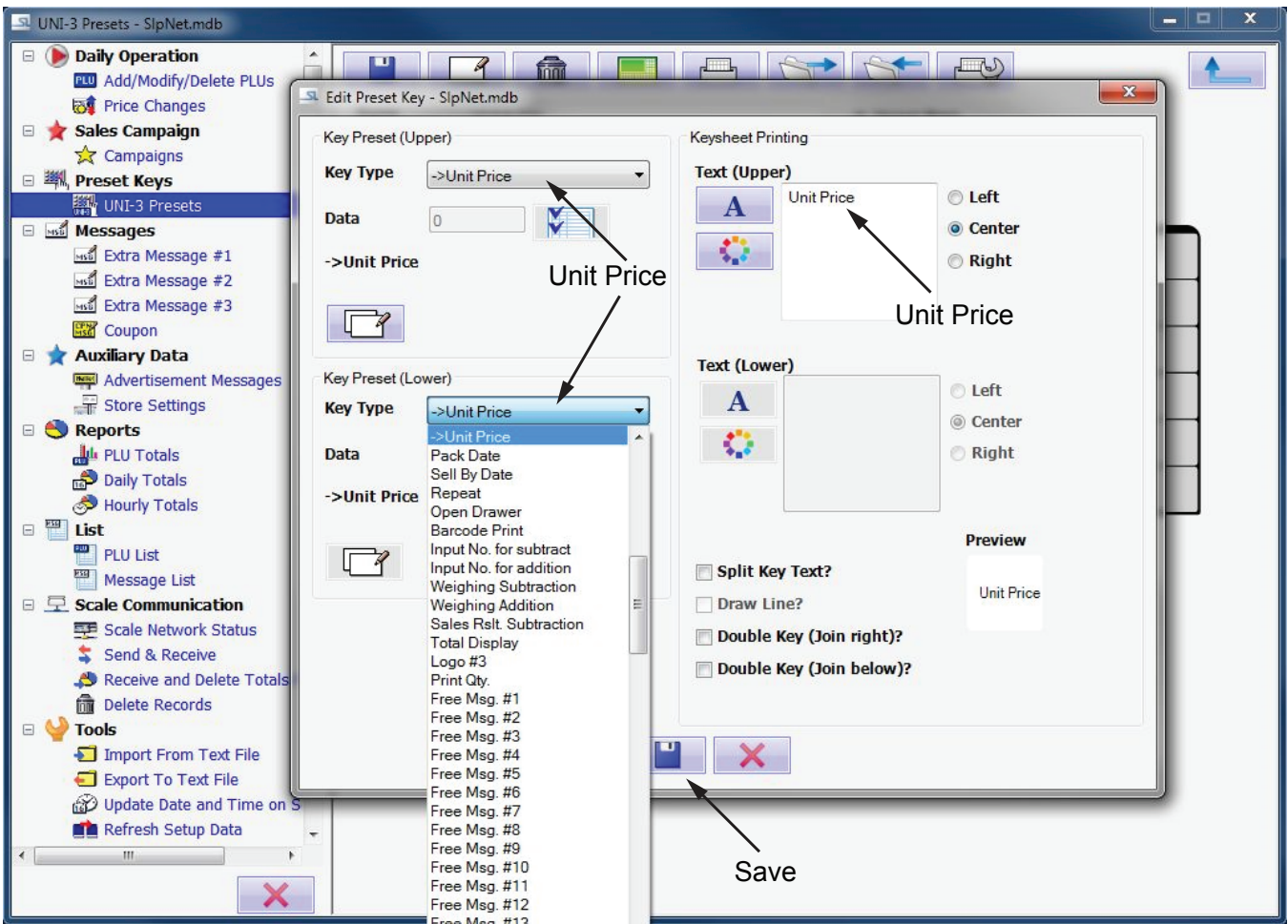


Figure 30-1

10. Select Unit Price from the Key Preset (Upper) and Key Preset (Lower) Key Type dropdown menus.
11. Key in Unit Price in the Text (Upper) field.
12. Select Save.
13. Double click on the applicable preset key. The Edit Preset Key - SlipNet.mdb dialog box will display. See Figures 29-2 and 30-1.

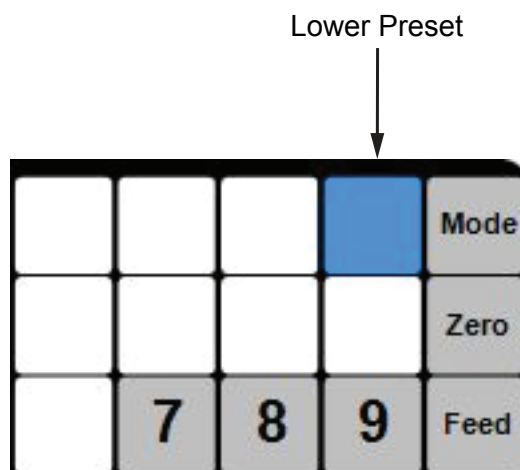


Figure 30-2

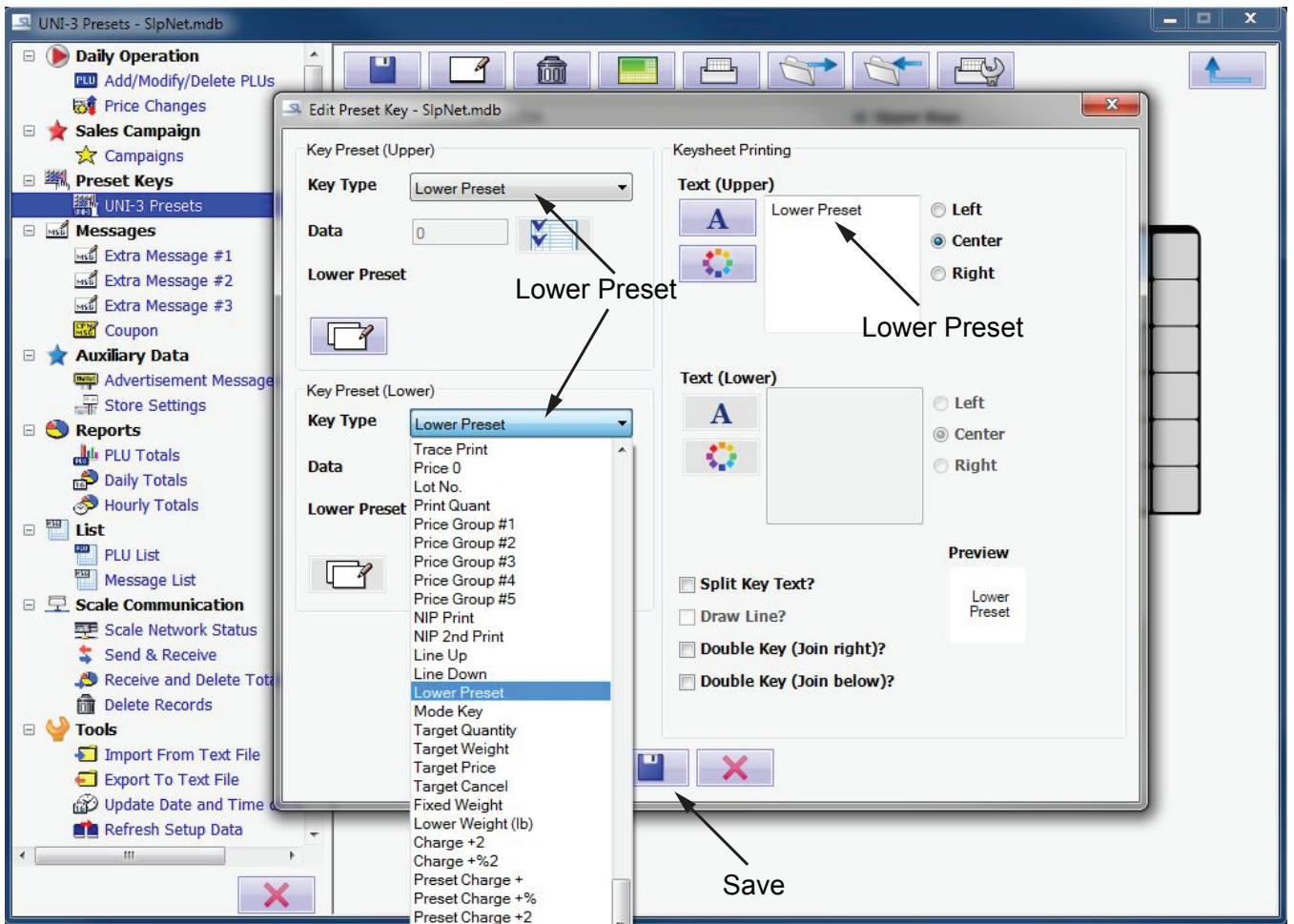


Figure 31-1

14. Select Lower Preset from the Key Preset (Upper) and Key Preset (Lower) Key Type dropdown menus.
15. Key in Lower Preset in the Text (Upper) field.
16. Select Save.
17. Double click on the applicable preset key. The Edit Preset Key - SlpNet.mdb dialog box will display. See Figures 31-2 and 32-1.

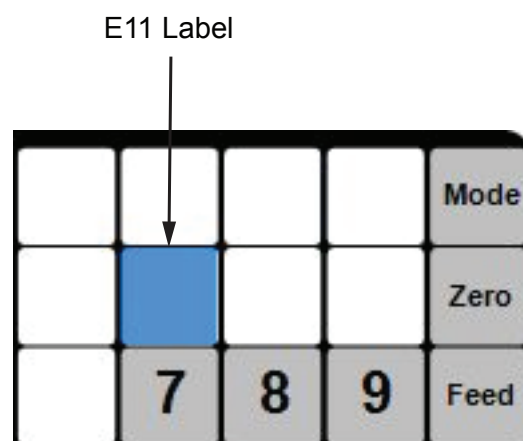


Figure 31-2

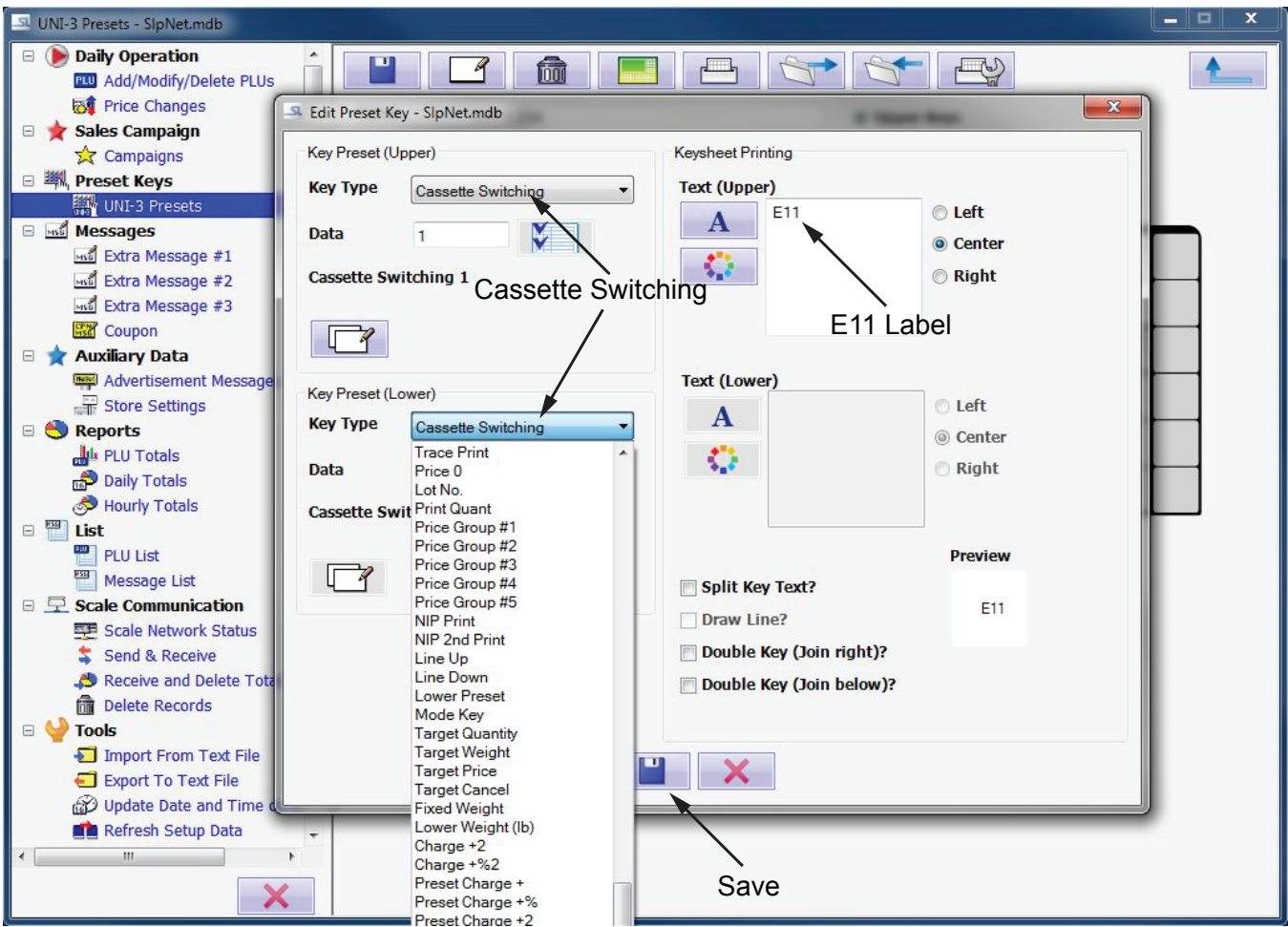


Figure 32-1

18. Select Cassette Switching from the Key Preset (Upper) and Key Preset (Lower) Key Type dropdown menus.
19. Key in E11 Label in the Text (Upper) field.
20. Select Save.
21. Double click on the applicable preset key. The Edit Preset Key - SlipNet.mdb dialog box will display. See Figures 32-2 and 33-1.

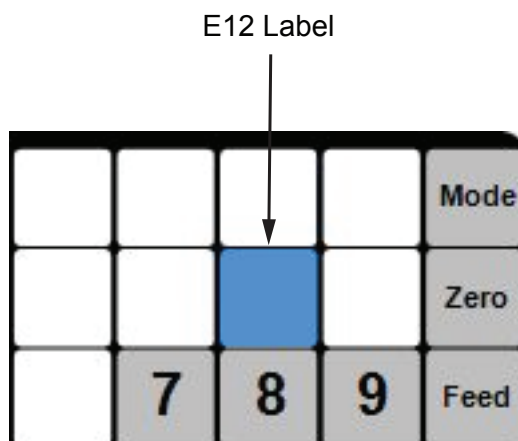


Figure 32-2



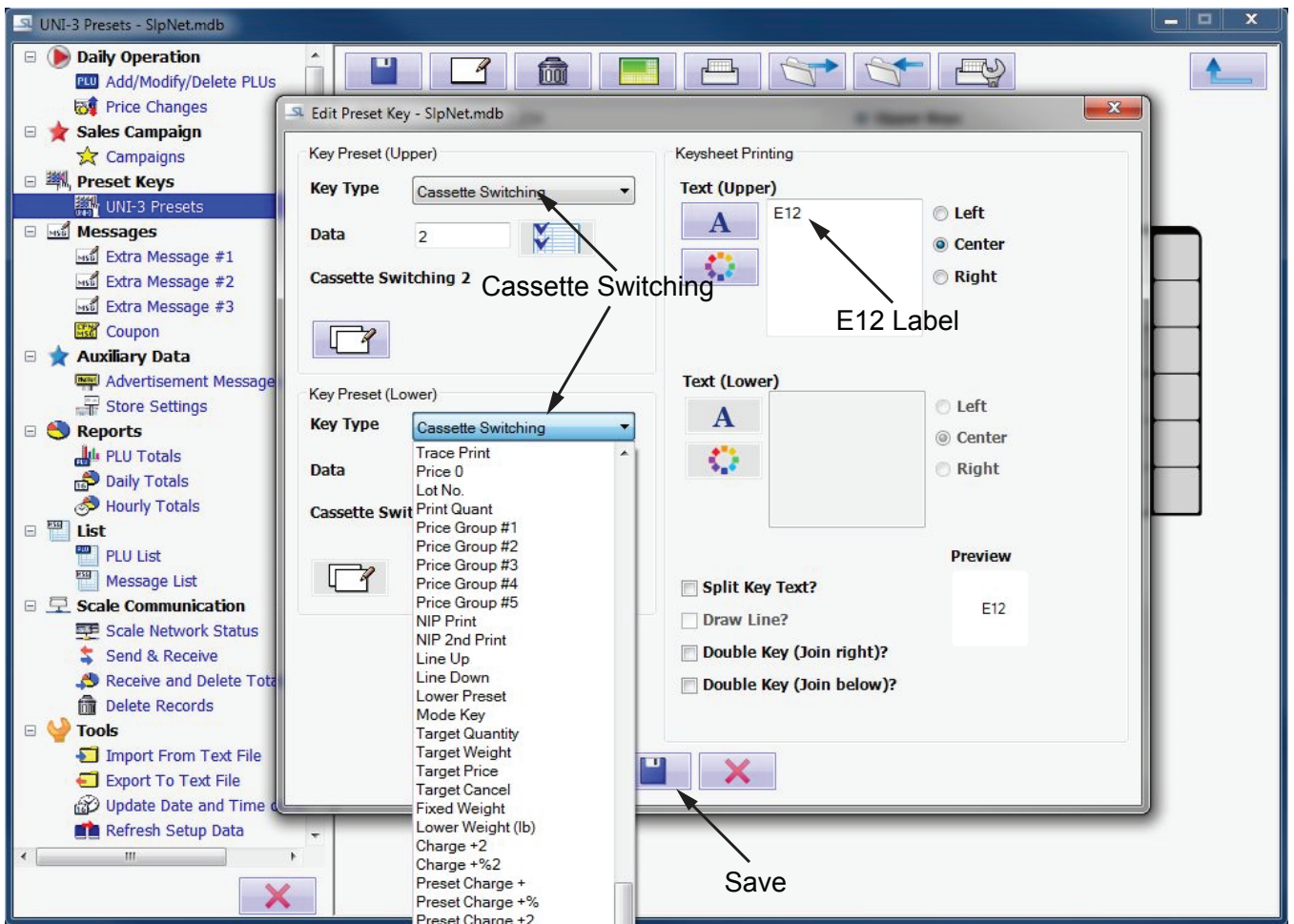


Figure 33-1

22. Select Cassette Switching from the Key Preset (Upper) and Key Preset (Lower) Key Type dropdown menus.
23. Key in E12 Label in the Text (Upper) field.
24. Select Save.
25. Double click on the applicable preset key. The Edit Preset Key - SlipNet.mdb dialog box will display. See Figures 33-2 and 34-1.

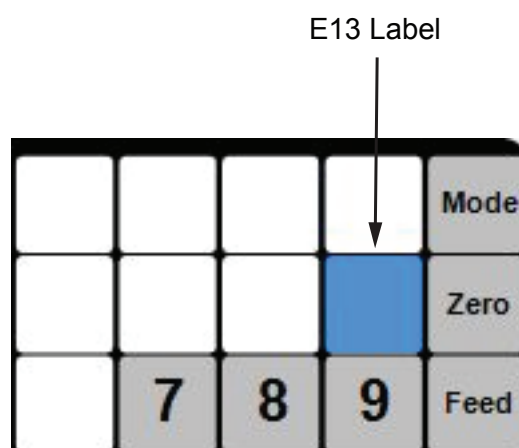


Figure 33-2

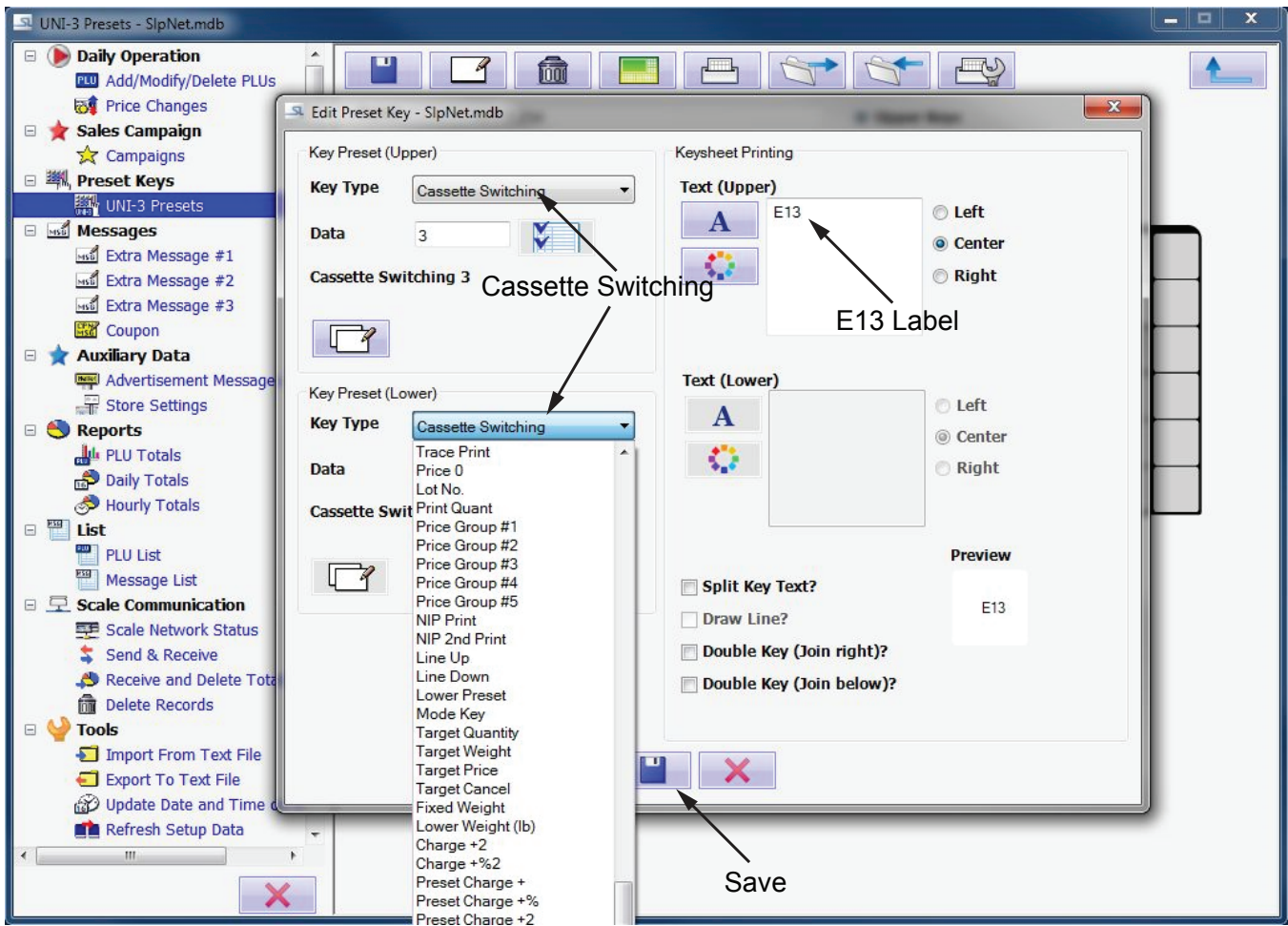


Figure 34-1

26. Select Cassette Switching from the Key Preset (Upper) and Key Preset (Lower) Key Type dropdown menus.
27. Key in E13 Label in the Text (Upper) field.
28. Select Save.

29. To save default preset keys, select Save on the UNI-3 Presets - SlpNet.mdb dialog box. See Figure 34-2.

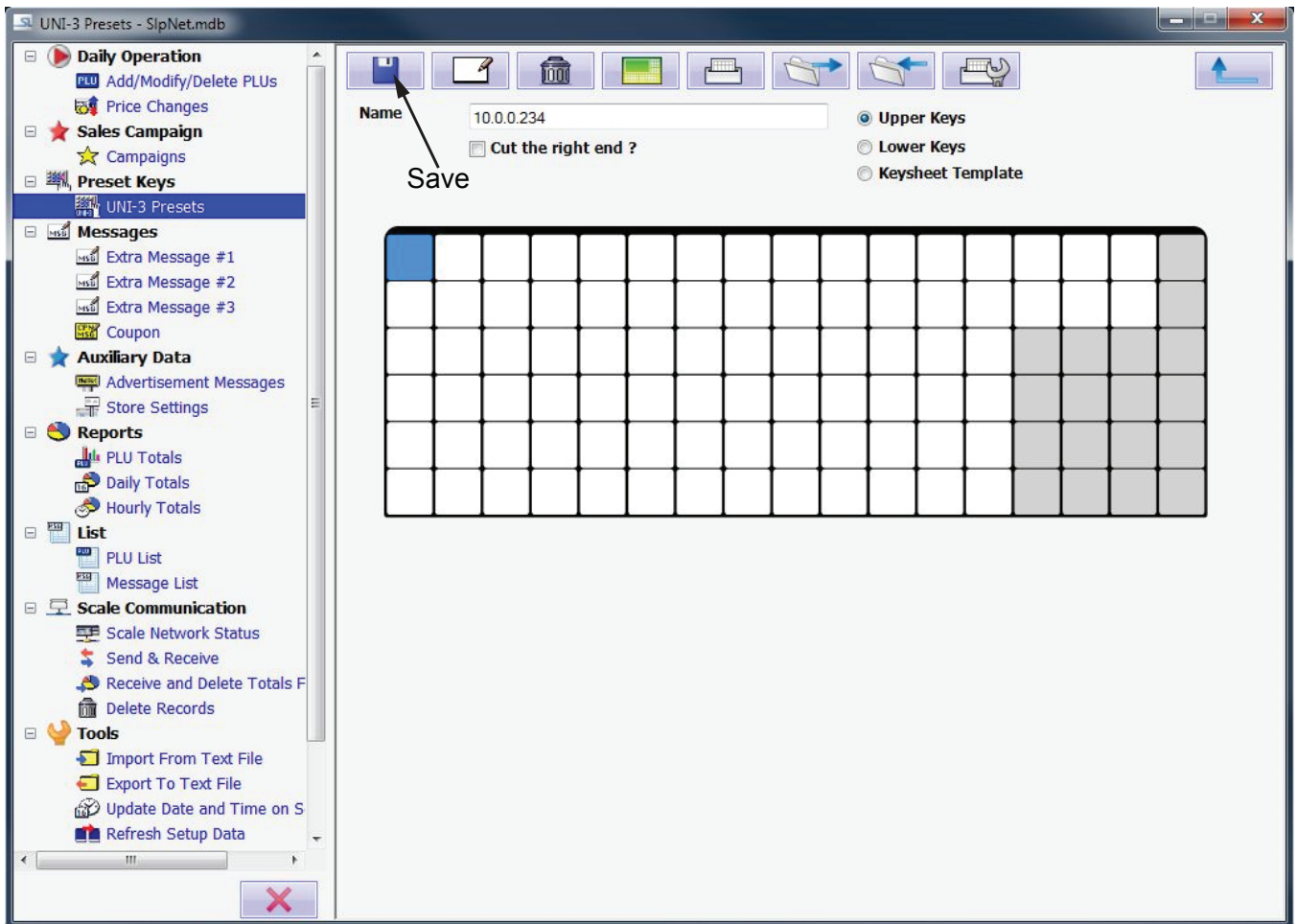


Figure 34-2

# 11. Scale Communication

## 11.1 Scale Network Status

Used to check the status of the scales connected to the network.

If using the client-server version of ScaleLink Pro 5 Lite, right click on the SLP Server icon in the system tray (bottom right of your Windows screen) shown below to show a warning if any scales are off-line or have an error. See Figure 36-1. You can use this to quickly spot scale problems, even when not using ScaleLink Pro 5 Lite.



Figure 36-1

To view the scale status in detail, select Scale Network Status from the Scale Communication drop down menu to open the Scale Network Status dialog box. See Figure 36-2.

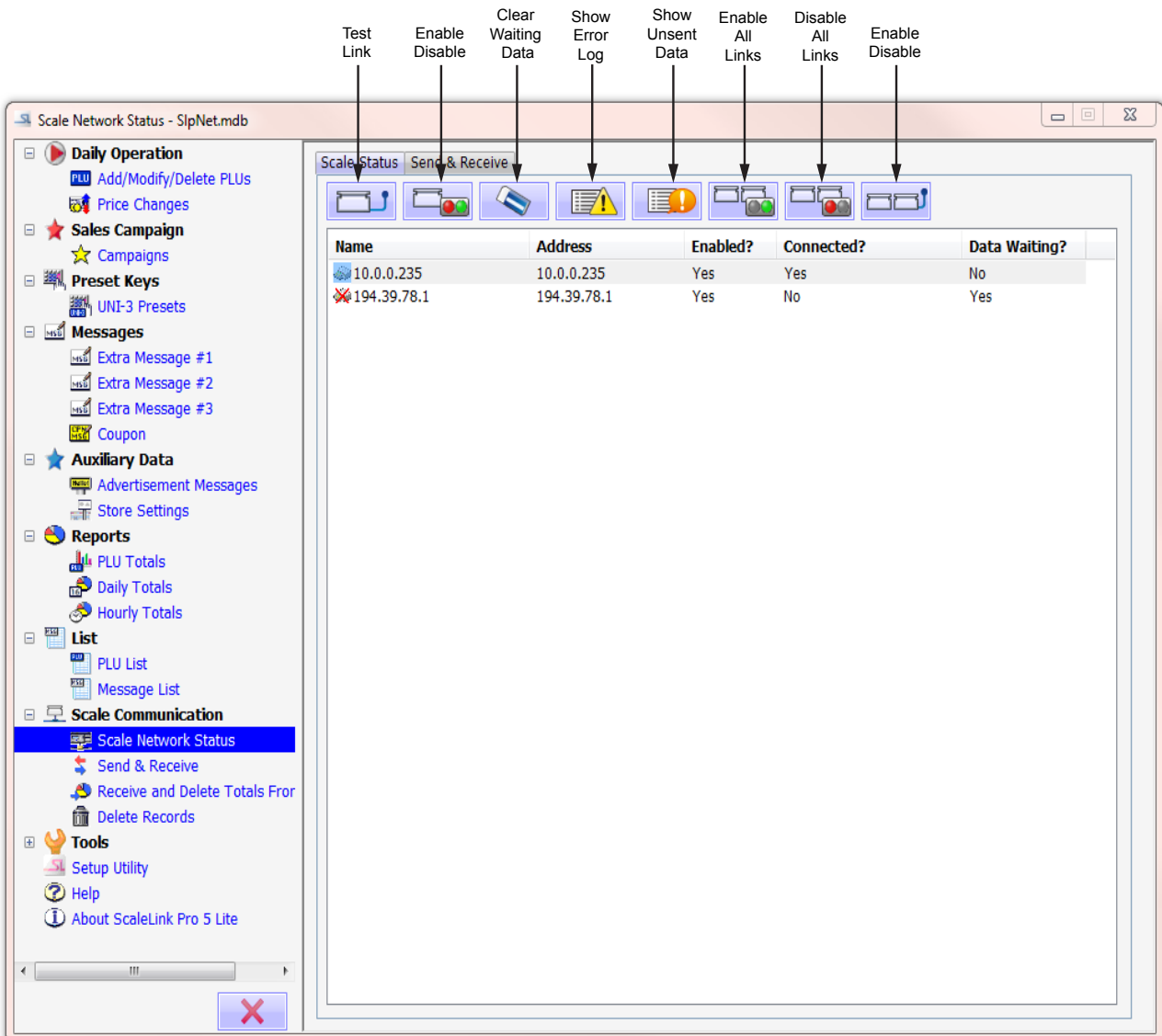


Figure 36-2

The operation and explanation of each Scale Network Status dialog box is described below:

Operation	Explanation
Test Link	Sends a signal to the selected scales to check whether they are currently connected. The Connected? column updates accordingly.
Enable/Disable	Enables or disables the selected scales.
Clear Waiting Data	Clears all waiting data from the send queues of the selected scales.
Show Error Log	Reads the error logs from scales that support this function and then opens a window listing any scale communication or operation errors that have been detected on or for each scale. See the explanation below.
Show Unsent Data	Opens a dialog box listing details of the unsent data for the selected scale. See Show Unsent Data.
Enable All Links	Enables all the defined scales
Disable All Links	Disables all the defined scales
Test All Links	Sends a signal to all the enabled scales to check whether they are currently connected. The Connected? column updates accordingly.
Connected?	Shows whether or not the scale is currently connected.
Data Waiting?	Shows whether or not there is data waiting to be sent in the scale's send queue.

## 11.2 Send and Receive

Send and Receive is used when a change within ScaleLink Pro 5 is made (such as changing the price for a PLU), the data is passed to the ScaleLink Pro 5 server where it is updated in the database and added to the queue for sending to each scale. No special operation is required by the user to make sure the data is sent to the scales. See Figure 38-1.

Blocks of data can also be sent (specified by record number range) to the scale. This is useful when setting up a site or connecting a new scale to make sure the scale has a full set of data. Refer to Bulk Send and Receive.

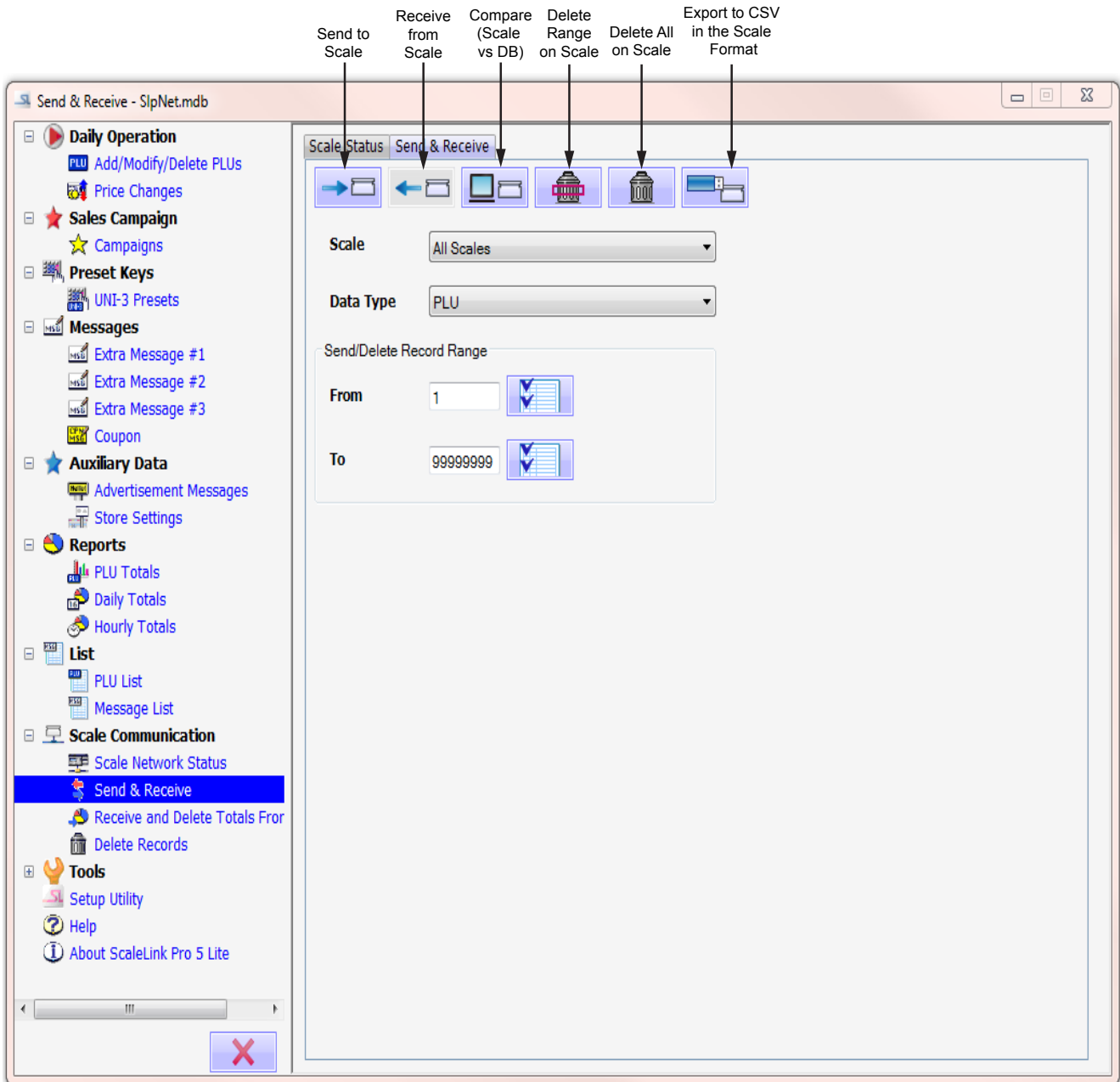


Figure 38-1

The operation and explanation of each Send & Receive Scale Data dialog button is described below:

Operation	Explanation
Send to Scale	Sends data to the scale(s) selected in the Scale field. The Send/Delete Data field specifies the type of data to send and the Send/Delete Record Range fields specify the record number range.
Receive from Scale	Receives data from the scale selected in the Scale field. Data can only be received from one scale at a time. <b>Note: The received records overwrite existing data in the database with the same record number. Be sure the correct records are selected before performing the function.</b>
Compare (Scale vs. DB)	Compares the data in the database with the data on the scale(s) selected in the Scale field. This is useful for checking whether scales have a full set of data. Detailed results are displayed if any differences are found.
Delete Range on Scale	Deletes data on the scale(s) selected in the Scale field. The Send/Delete Data field specifies the type of data to delete and the Send/Delete Record Range fields specify the record number range. <b>Note: Deletes data on the scale only, not the ScaleLink Pro 5 database.</b>
Delete All on Scale	Deletes all data of the type specified in the Send/Delete Data field from the scale(s) selected in the Scale field. The nature of the communications interface between ScaleLink Pro 5 and the scales means it is much quicker to delete all data on a scale than it is to delete a range of records. <b>Note: Deletes data on the scale only, not the ScaleLink Pro 5 database.</b>
Export to CSV in the Scale Format	Export PLU, Nutrition (USA and Canada only), Extra Message #1, #2 and #3, Coupon Message, Campaign, UNI-3 Preset, Store Settings and Advertisement Message in the scale format CSV file. This is useful to transfer data from the ScaleLink Pro 5 to the scale when the PC does not connect to the scale. The ScaleLink Pro 5 exports the data for each scale to the specified path\“scale name” (e.g. Deli)\Data01. Copy “Data01” folder to USB memory stick and insert to the scales. You can import the data with the FILE SAVE/LOAD function in the scale menu. Refer to Instruction Manual for Globe Label Printing Scale, USB Scale Backup and Restore.

### 11.2.1 Bulk Send and Receive

Bulk Send and Receive is used to send different types of data to the scale in a single operation. This is mainly intended for use when setting up a new scale on the network. See Figure 40-1.

Select Bulk Block of Data in the Data Type field to send or receive all data, then select All Data in the Mode field. If you only want to transfer specific types of data, select Custom (Select Data Below) and then select the types of data to transfer. Once you have selected the data to transfer, click the Send or Receive button to perform the transfer.

**Note:** The Receive button is only enabled if a specific scale was selected in the Scale combo box on the main window. Data can only be received from one scale at a time.

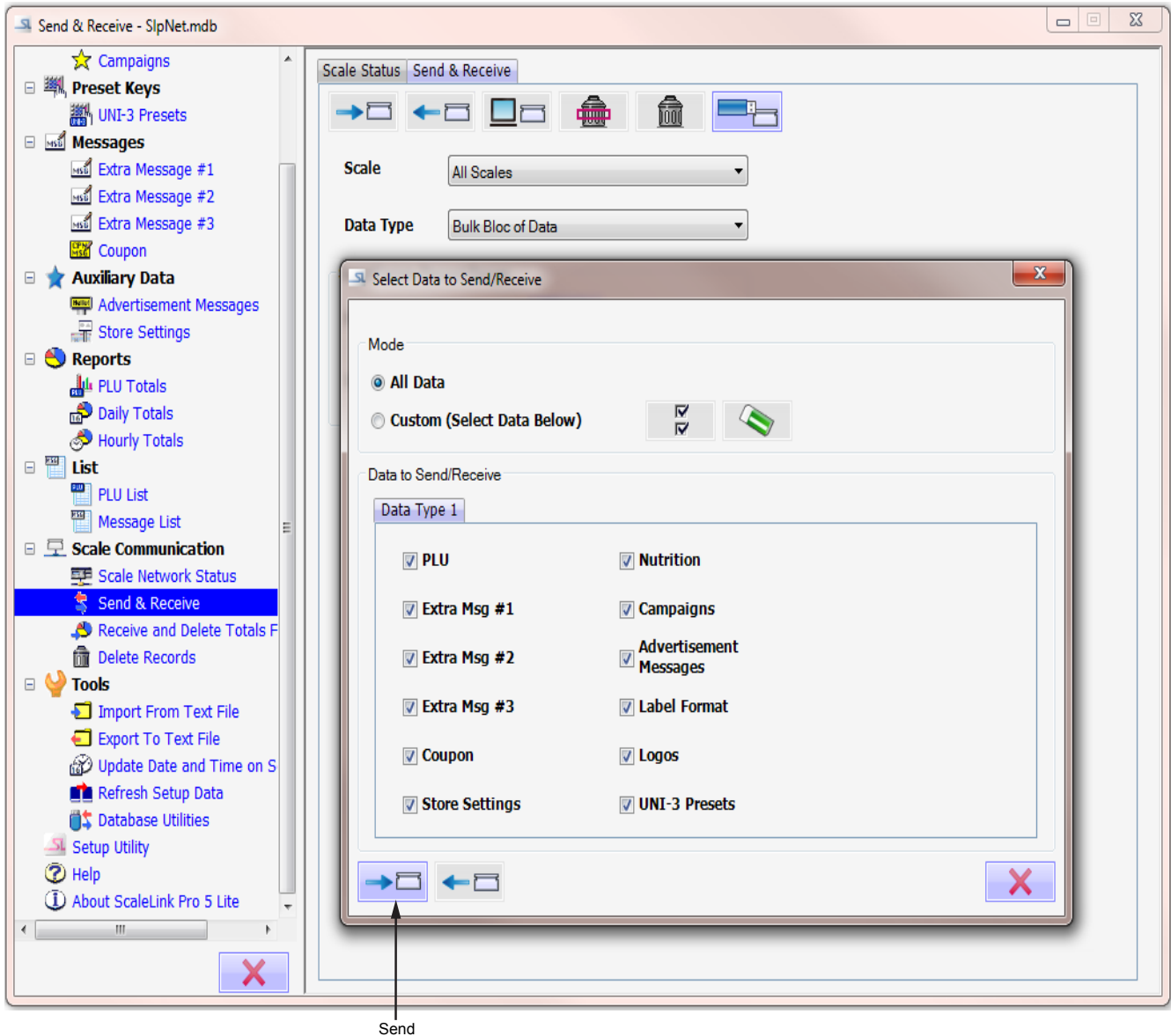


Figure 40-1



### 11.3 Delete Records

Delete Records allows you to delete a specified range of records from any of the ScaleLink Pro 5 Lite database tables. See Figure 41-1.

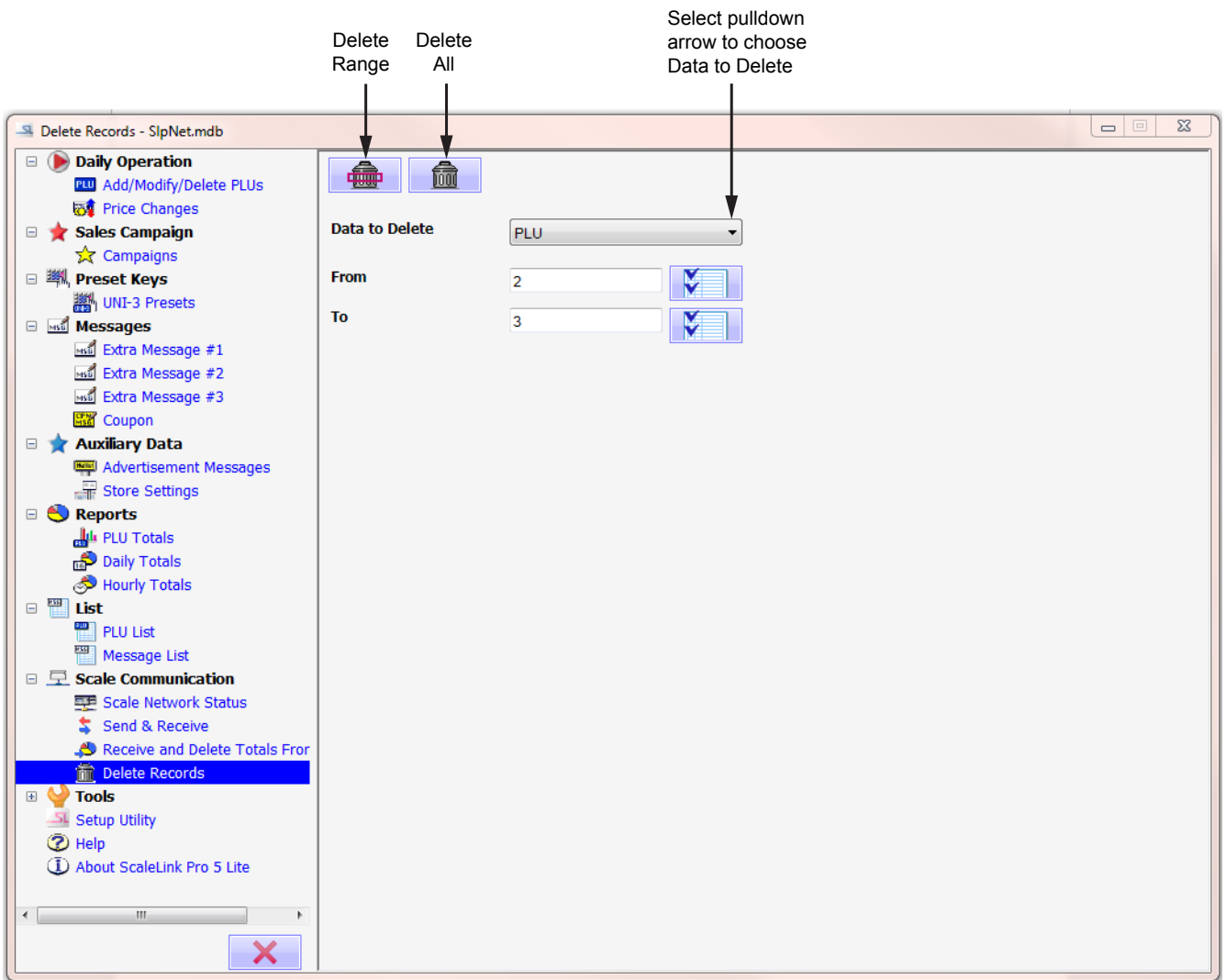


Figure 41-1

The operation and explanation of each Delete Records dialog button is described below:

Operation	Explanation
Delete Range	Deletes a range of records from the database and scales. The Data to Delete field specifies the type of data to delete. The From and To fields specify the record number range. <b>Note: Deleting a large number of records can take time.</b>
Delete All	Deletes all data of the type specified in the Data to Delete field from the database and scales. The From and To field values are ignored. <b>Note: Deleting a large number of records can take time.</b>

## 12. Database Utilities

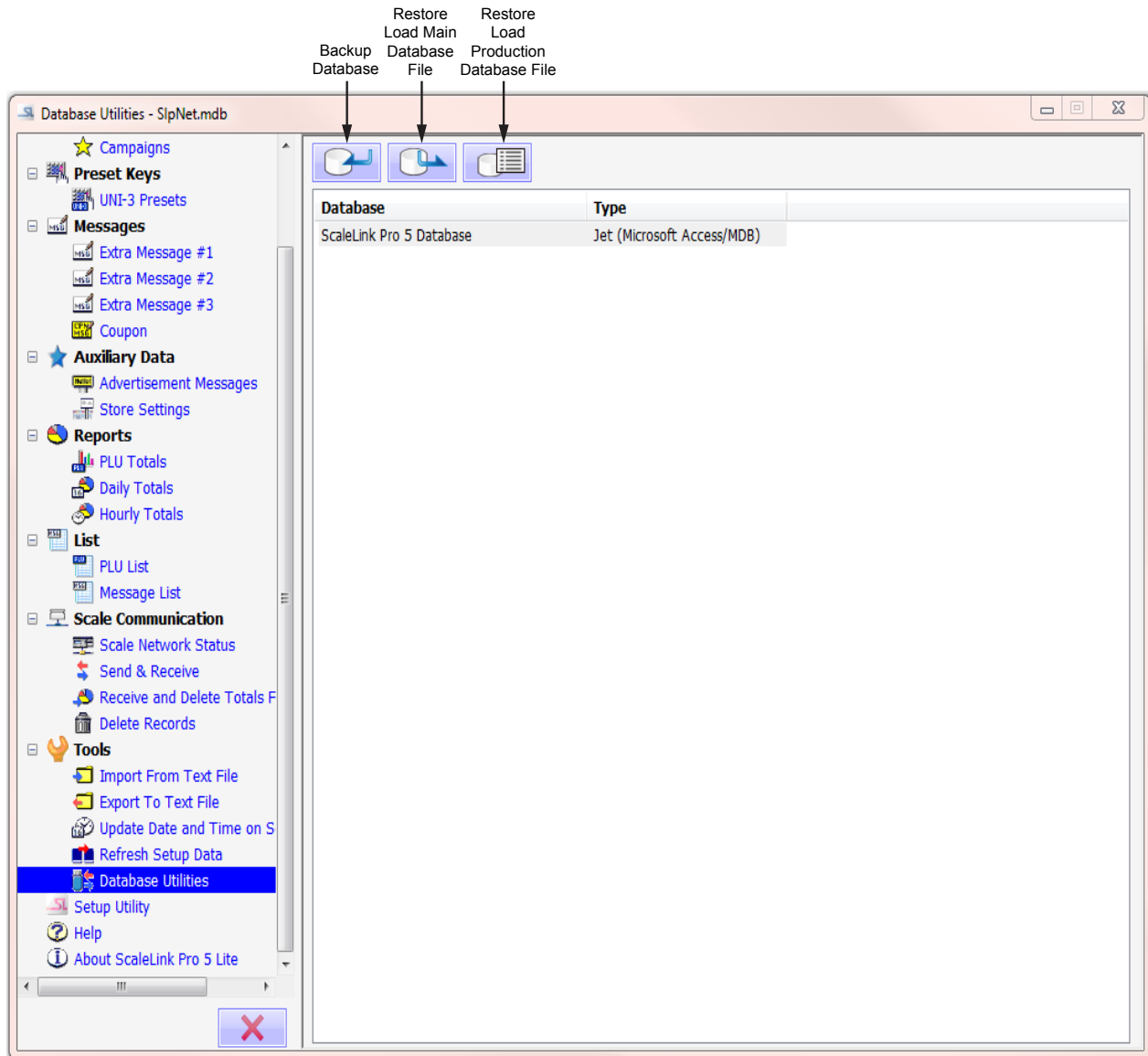


Figure 42-1

The operation and explanation of each Database Utilities dialog button is described below:

Operation	Explanation
Backup Database	Makes an immediate backup of the main, production, and sales database files for the database selected on the left. The operation is the same as for an automatic backup. The backup is created in the Backup folder under the folder where ScaleLink Pro 5 Lite was installed.
Restore/Load Main Database File	Opens a File Open dialog to select the database file to restore. The selected file is loaded and overwrites the main database file for the database selected on the left. <b>Note: The restored database file does not need to be a backup file. You can, for example, use this function to load a database from another copy of ScaleLink Pro 5 Lite, including older versions of SLP-V Lite.</b> CAUTION: All existing data in the active database is lost (overwritten). There is no way to undo this operation.
Restore/Load Production Database File	Opens a File Open dialog for you to select the database file to restore. The selected file is loaded and overwrites the production database file for the database selected on the left. <b>Note: The restored database file does not need to be a backup file. You can, for example, use this function to load a database from another copy of ScaleLink Pro 5 Lite, including older versions.</b> CAUTION: All existing production data in the active database is lost (overwritten). There is no way to undo this operation.

# ScaleLink Pro 5 Lite Maintenance Utility

**Note:** ScaleLink Pro 5 Lite must be closed before opening ScaleLink Pro 5 Lite Maintenance Utility. You cannot run both programs at the same time.

ScaleLink Pro 5 Lite Maintenance Utility is a program that provides functions for maintenance and remote diagnostics of a network of Globe scales.

## 1. Scale Network Monitor

The Scale Communication Status Monitor window shown below opens automatically when you start ScaleLink Pro 5 Lite Maintenance Utility. See Figure 43-1. Refer to Scale Communications for the operation and explanation of each button and column option.

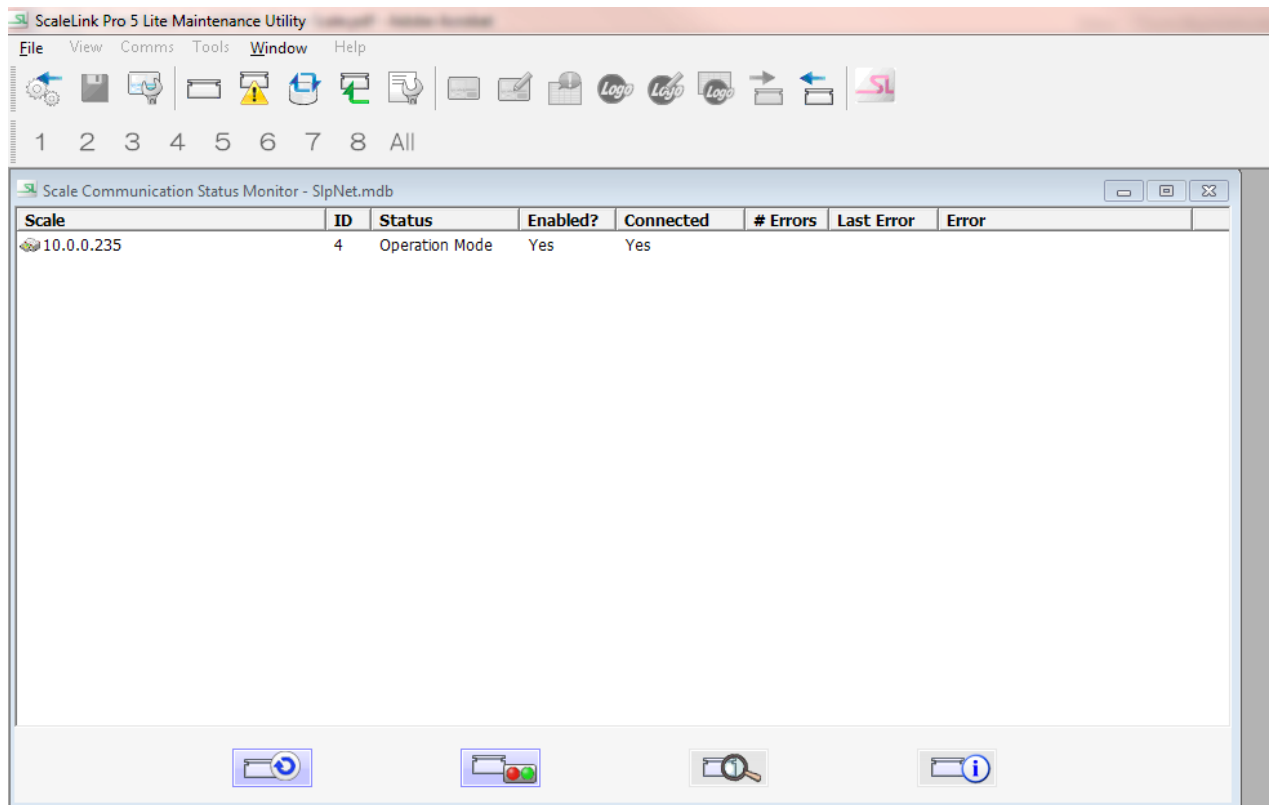



















Figure 43-1

The operation and explanation of each ScaleLink Pro 5 Lite Maintenance Utility tool bar button is described below. To get access, select from the pull down menus or select a button to open the applicable dialog box.

Operation	Explanation
 Load Library File	Shows a File Open dialog to select a scale configuration library file. Open a library file to open the scale configuration library window that shows the label format and associated data for a library file.
 Save Library File	Opens a File Save As dialog to select a file and save the contents of the Master Library (label format data from the ScaleLink Pro 5 Lite database).
 Configuration Library	Opens the Master Library window that displays the label format and associated data for different scale models.
 Scale Comms Status Monitor	Opens the Scale Communications Status Monitor window to show the status of the scales on the network.
 Scale Error Log	Shows a list of communications and operations errors for each scale.
 Backup and Restore Scale Data	Used to create a complete backup of all the data (PLU data, configuration data, etc.) on a selected scale. You can also selectively restore data from a backup file to a selected scale.
 Update Scale Program	Get and send the scale program (firmware) to and from selected scales.
 Service Journal	Used to record servicing information for each scale.
 New Label	Opens a dialog to create new labels. The Configuration Library window must be open and Labels selected for the New Label button to be available.
 Edit Label	Opens a dialog to edit labels. The Configuration Library window must be open and Labels selected for the Edit Label button to be available.
 List Units	Opens the Label Unit List to edit label units. The Configuration Library window must be open and Labels selected for the List Units button to be available.
 New Logo	Used to create new logo. The Configuration Library window must be open and Logos selected for the New Logo button to be available.
 Edit Logo	Opens a dialog to edit logo. The Configuration Library window must be open and Logos selected for the Edit Logo button to be available.
 Logo List	Opens the EditLogoList window. Displays all the available logos and there dimensions. Refer to Label and Logo Setup for information on Logo List.
 Send to Scale	Opens a scale selection dialog to send the label format and associated data to the selected scales.
 Receive from Scale	Opens a dialog for receiving the label format and associated data from the scale.
 Setup Utility	Opens window for additional scale configurations General Settings, Database Settings, Scale Setup, Production Data, PLU Fields, Default Fonts and Label Sizes.

## 2. Configuration Library

The Configuration Library opens the Master Library window that displays the label format and logos for different scale models. See Figure 45-1. For instructions on how to setup an Ingredient Label, refer to section ScaleLink Pro 5 Lite, Setting up Ingredients Labels.

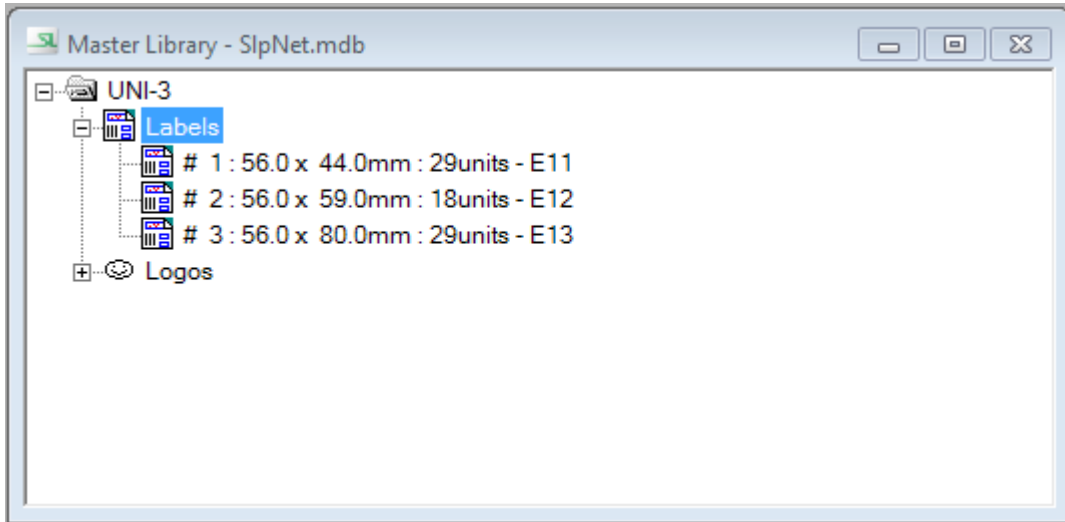


Figure 45-1

## 3. Scale Communications

The Scale Communication Status Monitor window displays the current status of each scale in the network. See Figure 45-2.

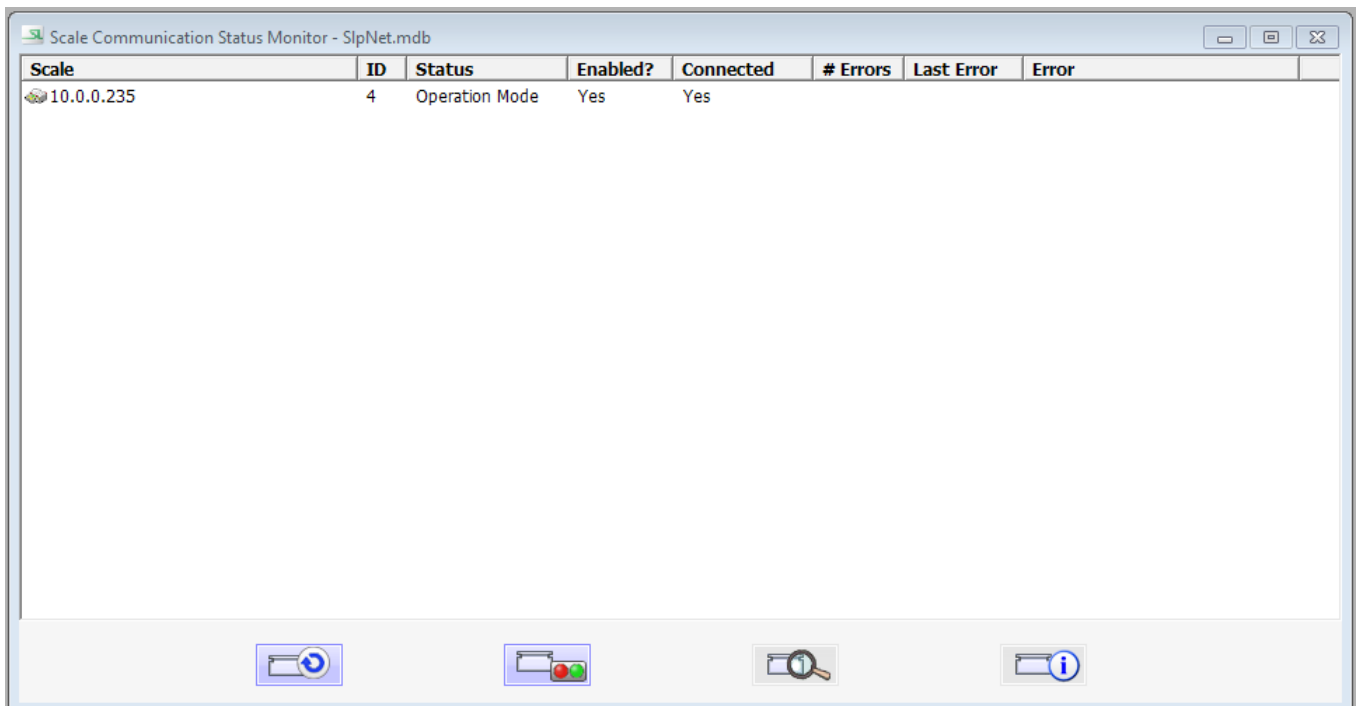










Figure 45-2

The operation and explanation of each Scale Communication Status Monitor tool bar button is described below.

Operation	Explanation
Scale	Shows the scale name specified in the Scale setup.
ID	Shows the scale link number. The number is only used within ScaleLink Pro 5 Lite Maintenance Utility to identify the scale.
Status	Shows the current operation status of the scale.
 Operation mode	Shows that the scale is turned on, connected to the network, and ready for use.
 In Use	Shows that the scale is in use (calling up a PLU, weighing or printing a label).
 Not Connected	Shows that the scale does not respond to communication via the network. The scale is turned off or disconnected from the network.
 Registration Mode	Shows that the scale has been set to registration mode (P) by manual operation at the scale.
Setup Mode	Shows that the scale has been set to setup mode (B) by manual operation at the scale.
Subtraction Mode	Shows that the scale has been set to setup mode (D) by manual operation at the scale.
Total Mode	Shows that the scale has been set to total mode (F) by manual operation at the scale.
Sub-Total Mode	Shows that the scale has been set to sub-total mode by manual operation at the scale.
Test Mode	Shows that the scale has been set to test mode (C) by manual operation at the scale.
Enable/Disable	Shows Yes, if the scale is enabled, No if disabled.
Connected	Shows Yes, if the scale is currently connected, No otherwise.
# Errors	Shows the total number of errors logged in the scale error log screen.
Last Error	Shows the date of the most recent error reported from the scale.
Error	Shows the most recent error reported from the scale. A detailed list of scale errors is shown in the error log screen.
 Refresh Link	Updates all displayed information.
 Enable/Disable	Enables or disables the selected scale. ScaleLink Pro 5 Lite does not send data to disabled scales.
 Remote Diagnostics	Reads the remote diagnostics data from the scale and opens the Remote Diagnostics dialog.
 Scale Config	Reads the scale configuration data from the scale and opens the Scale Configuration dialog.

## 4. Backup and Restore Scale Data

Backing up the scale using ScaleLink Pro 5 Lite Maintenance Utility reads all the data from the scale and saves the backup information in a backup file (\*.abk). The actual data depends on the scale model. See Figure 47-1.

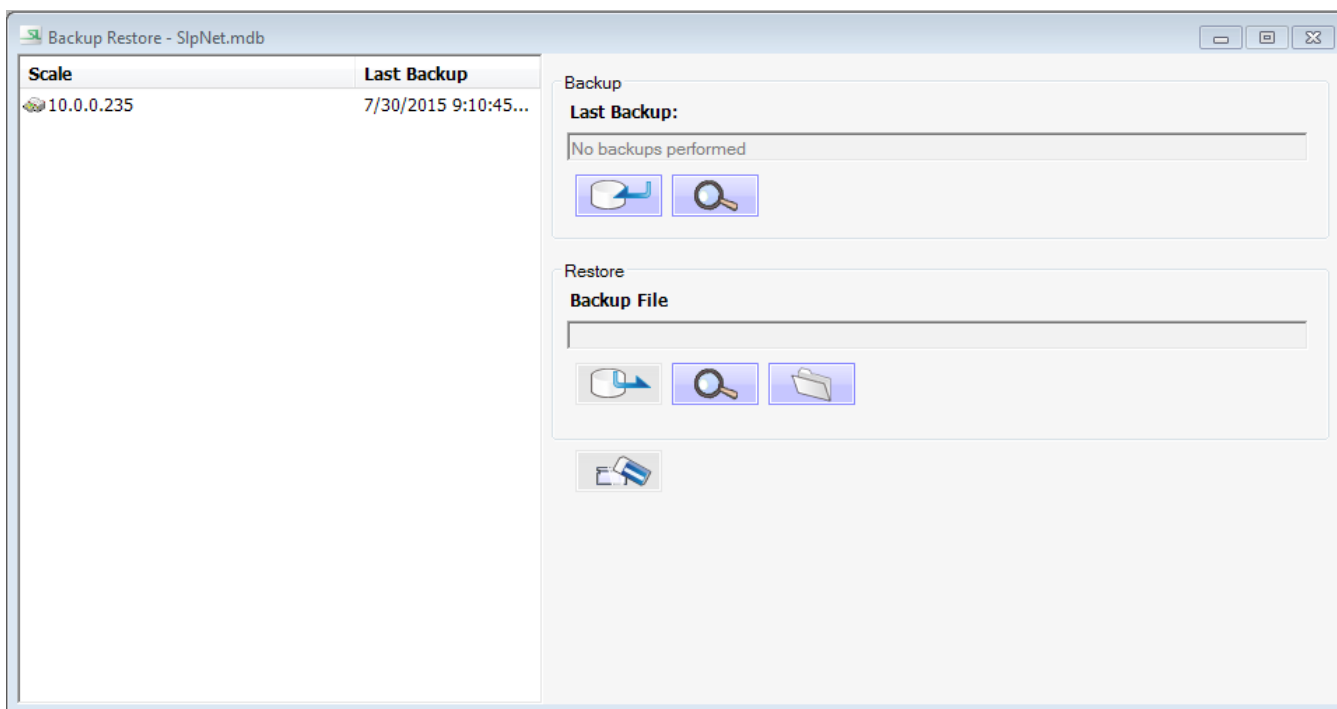







Figure 47-1

The operation and explanation for each Backup and Restore Scale Data button is described below:

Operation	Explanation
 Backup	Select to start backup from the scale.
 View Summary	Select to show what data is contained in a backup file.
 Restore	Select to start restore to the scale.
 Browse	Select to choose a different file to restore to the scale.
 Clear RAM & Setup on Scale	Select to clear the scale data before restoring the data.

#### 4.1 Backing up Data from a Scale

1. Make sure the scale is plugged in, turned on and there is nothing on the weigh platter.
2. Select the scale from the left side of the screen. Details of the most recent backup for that scale will display on the right side of the screen. See Figure 48-1.

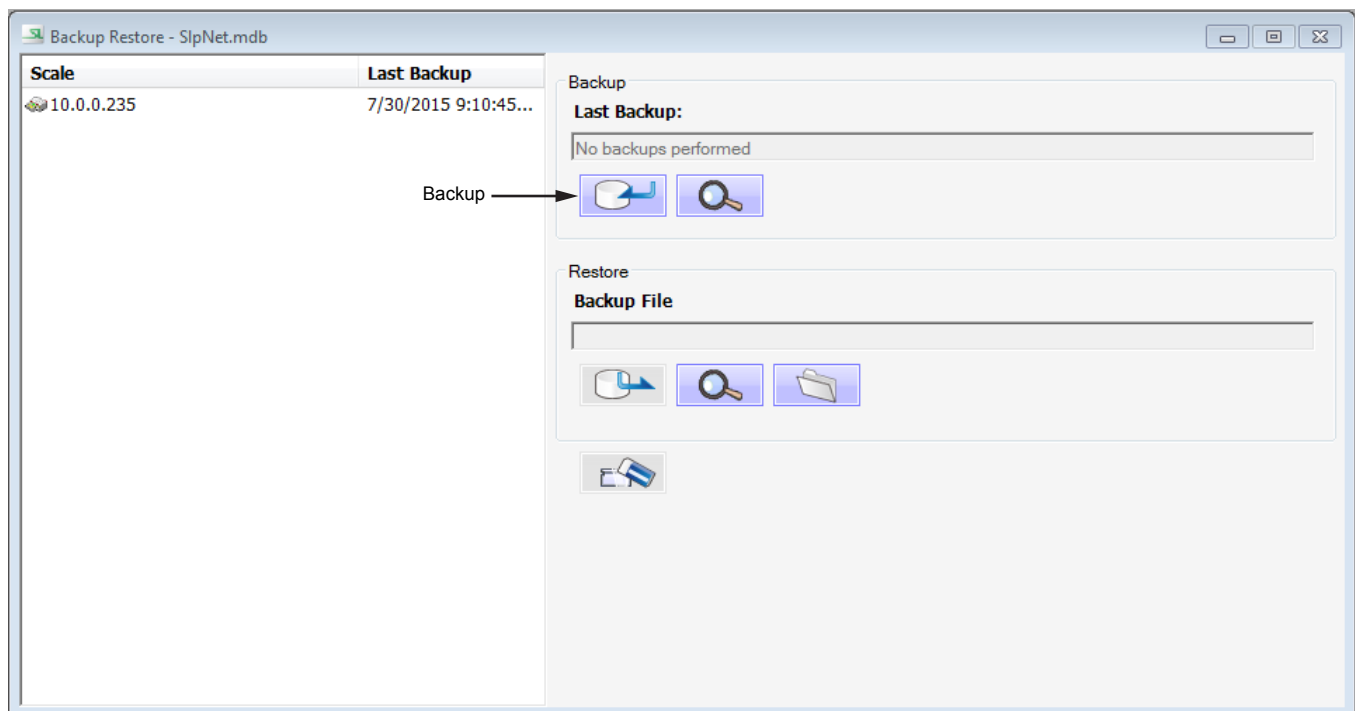


Figure 48-1

3. Select the Backup button. A file Save As dialog opens to specify the file in which to save the scale data. Select a file and click the Save button or assign the backup a new name.
4. ScaleLink Pro 5 Lite Maintenance Utility starts receiving data from the scale.  
**Note: A dialog box will appear displaying the progress of data transfer. The transfer can take a few minutes, depending on the volume of data on the scale.**
5. A dialog box will appear when data transfer finishes with a summary of the received data. This completes the backup.  
**Note: If any errors occur during communications with the scale, an error message will appear. In this case the backup will not be performed.**



## 4.2 Restoring Data to a Scale

1. Make sure the scale is plugged in, turned on and there is nothing on the weigh platter.
2. Select the scale from the icons on the left side of the screen. The Backup File field at the bottom right of the screen displays the currently selected backup file (typically, the most recent backup for that scale).
3. Select the Browse button to select a different file to restore to the scale.
4. Select the View Summary button to view a summary of the backup file contents.
5. Click the Restore button. The Restore Scale Data window opens to specify which data to copy back to the scale. Unsupported data types are grayed out. See Figure 49-1.

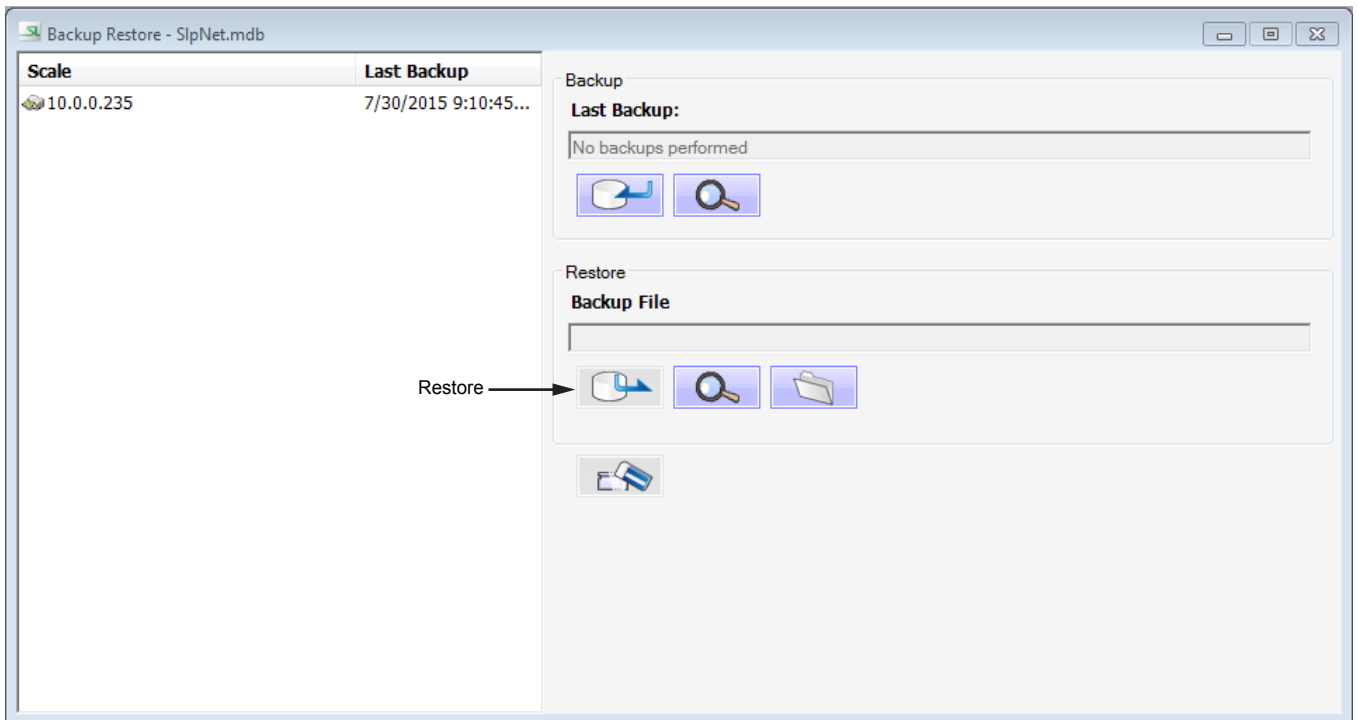


Figure 49-1

6. Select one of the Restore Mode options to specify the type of restore to perform. See Figure 50-1.
 

**Note: Globe Food Equipment recommends that you ALWAYS choose “Special full restore” for ALL restore operations. At the very least, make sure the “Scale Configuration” box in column 2 is ALWAYS checked.**
7. Select OK to start data transfer to the scale.
 

**Note: A dialog box will appear displaying the progress of data transfer. The transfer can take a few minutes, depending on the volume of data on the scale.**
8. A dialog box will appear when data transfer finishes. This completes the restoration of the scale data.
 

**Note: If any errors occur during communications with the scale, an error message will appear. In this case the backup will not be performed.**

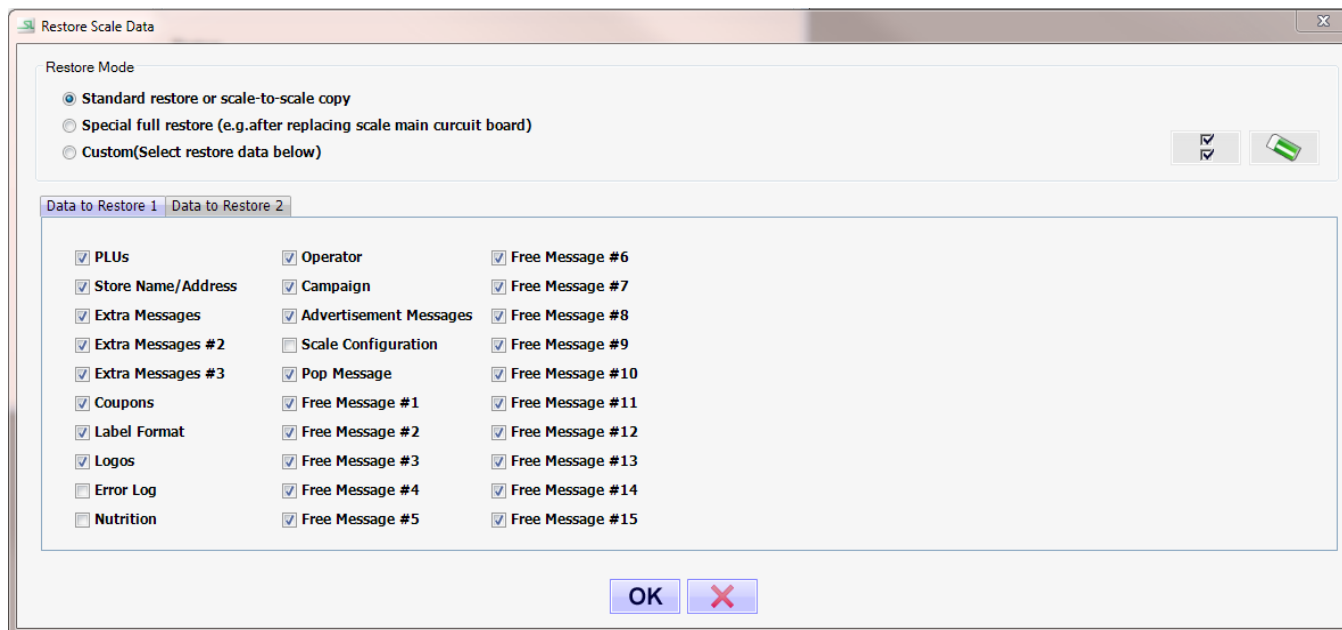


Figure 50-1

The operation and explanation for each Restore Scale Data option is described below:

Operation	Explanation
Standard restore or scale-to-scale copy	Select to restore the PLU and other scale operational data only. This only restores the data types indicated by a check mark in the lower half of the screen. This option omits data that is time-dependent (such as production data which would be out of date) or specific to an individual scale (such as the thermal head configuration).
Special full restore	Select to restore all data to the scale. This option is typically used to restore a scale that has lost all its data due to a fault or other reason. For example, if the main circuit board has been replaced.
Custom	Select to specify yourself which data to restore. In this case, select the restore data using the check boxes in the lower half of the dialog.

## 5. Communications with Scale

### 5.1 Send to Scale

Send to Scale sends the updated label formats and associated data from the Master Library to the scale(s).

1. Select Tools, Configuration Library from the menu or select the Configuration Library icon from the tool bar. The Master Library will display. See Figure 51-1.

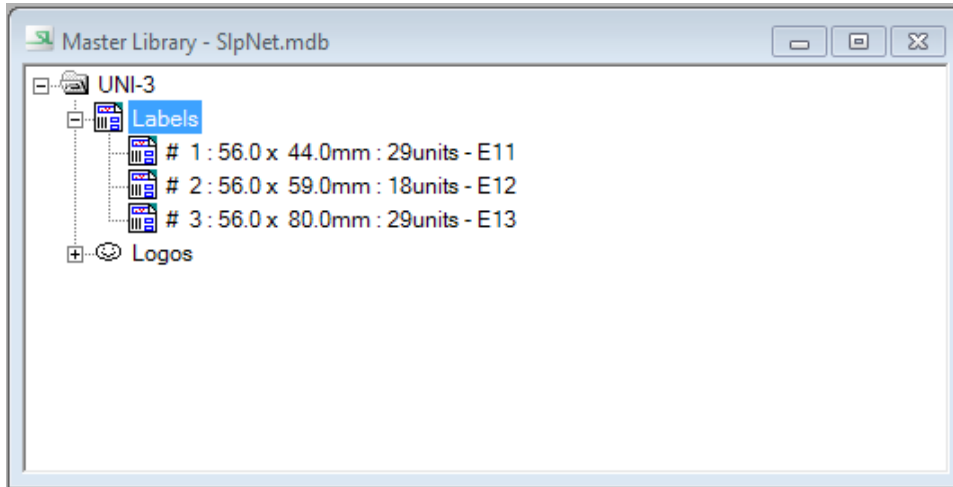


Figure 51-1

2. Select the scale from the Master Library.
3. Select Comms, Send to Scale, All Data in Database from the menu or select the Send to Scale icon from the tool bar. The Select Scales window will display. See Figure 51-2.

**Note:** If only one scale is set up in your network, after you select Comms, Send to Scale, All Data in Database from the menu, the Scales Comms Progress window will open. The Select Scales dialog box will only appear if there is more than one scale setup in your network.

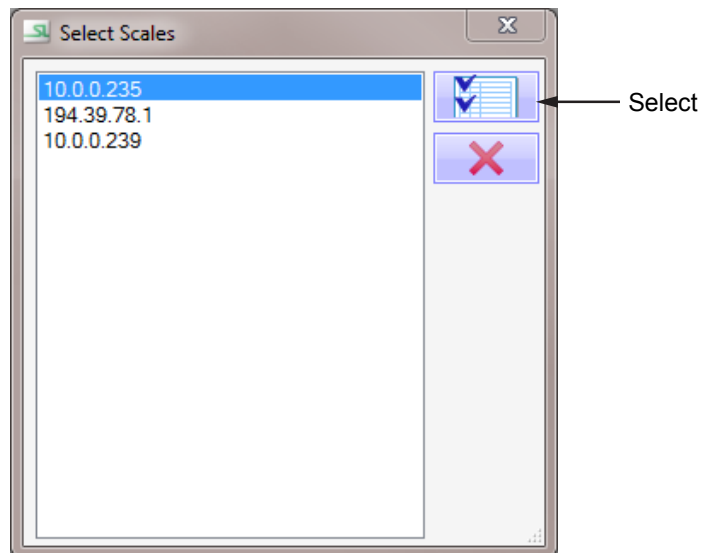


Figure 51-2

4. Select the scales that you would like to update.
5. Select the Select button to send data to scales.

**Note:** The Scales Comms Progress window will open. Data will be updated to the scale and then the Scales Comms Progress window will close. See Figure 52-1.

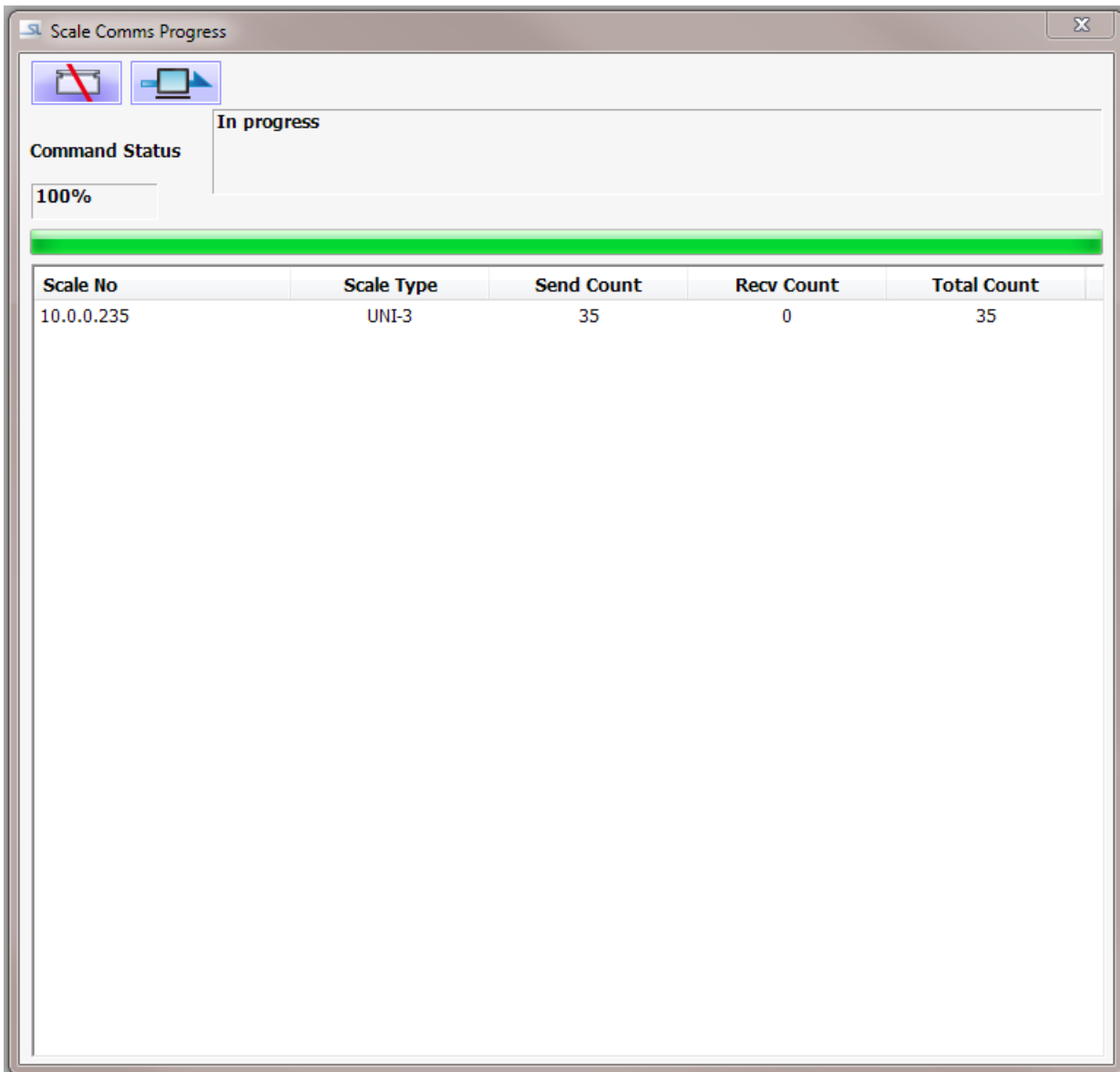


Figure 52-1

## 6. Receive from Scale

Receive from Scale opens a dialog for receiving the label format and associated data from the scale.

1. Select Comms, Receive From Scale from the menu or select the Receive From Scale icon from the tool bar. The Select Scales window will display. See Figure 53-1.

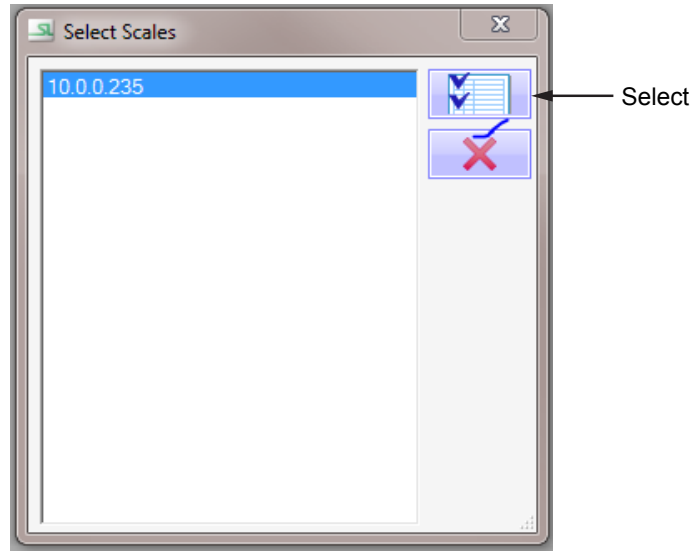


Figure 53-1

1. Select the scales from the Select Scales window.
2. Select the Select button to receive label formats and associated scale data from the scale. The Receive Data from Scale dialog box will display. See Figure 53-2.

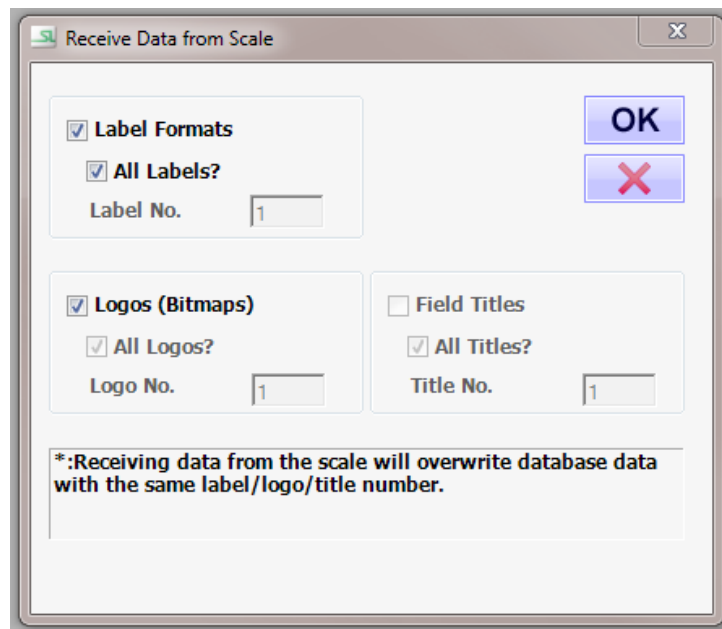


Figure 53-2

3. Select the applicable fields that apply and select the OK button.

**Note:** The Scales Comms Progress window will open. Data will be updated to the scale and then the Scales Comms Progress window will close. See Figure 54-1.

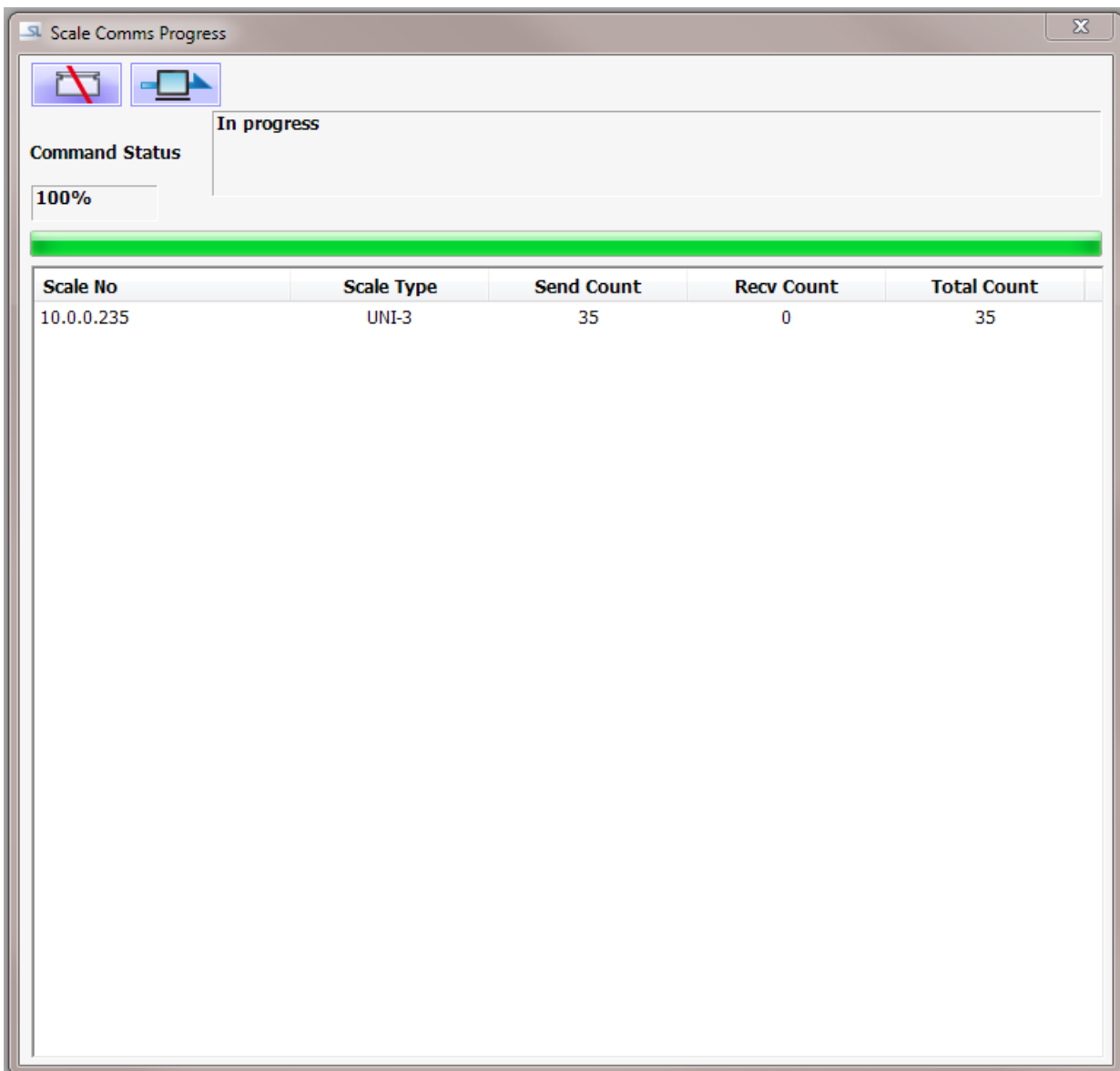


Figure 54-1