

Ishida WM-Micro

SLP-5 Configuration for WM-Micro Korean Nanum Gothic, and Chinese BIG5 Characters.

The WM-Micro compact wrapper can display and print PLU information in Korean and Chinese characters but all menus, etc. remain in English. Korean and Chinese characters are entered in SLP-5 and sent to the wrapper and scale; Korean and Chinese characters cannot be entered at the wrapper. Refer to the following procedure to configure SLP-5.

Refer to the WM-Micro release notes for details to load the firmware.

WRAPPER AND SCALE SETUP

Update the firmware for the WM-Micro to version **C2591**. Refer to the C2591 release notes for details.

SLP-5 SETUP

Because the character size is fixed in the label format PLU description, it is only necessary to enable one Korean or Chinese font.

- 32x32 18: Large (Korean)
- 32x32 (Chinese)

The following Korean and Chinese character sizes are also available. These should only be added if Uni-3, Uni-5, Uni-7, or WM-Nano models are in the same installation. These models require the character sizes to be specified in the PLU description and sent from SLP-5.

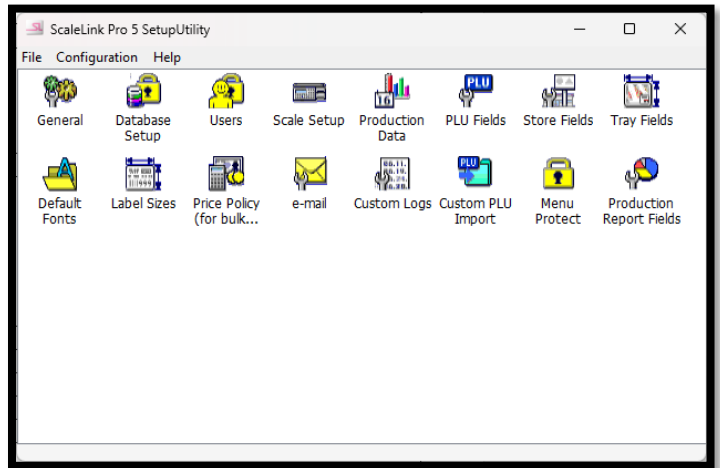
- 32x16 SLP-5 size 17: Medium (Messages)
- 16x16 SLP-5 size 16: Small (Ingredients)
- 16x08 SLP-5 size 15: Super Small (Ingredients)
- 48x48 (Chinese) - Very Large (Item Name)
- 24x24 (Chinese) - Medium (Messages)
- 16x16 (Chinese) - Small (Ingredients)

Note:

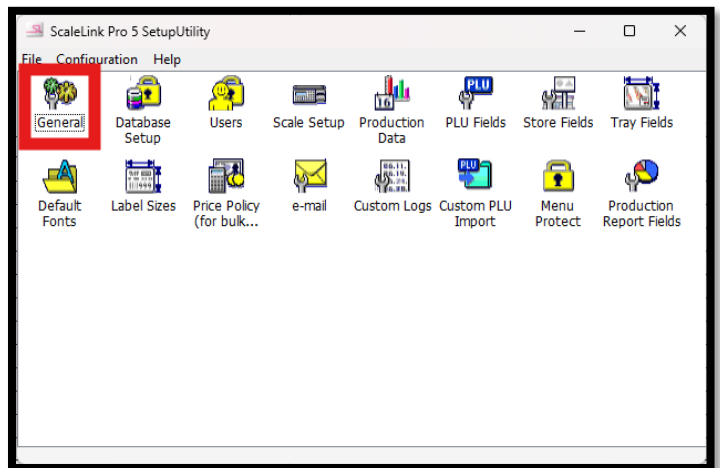
- English (ASCII), and Korean (Hangul) characters cannot be mixed on the same line. If both are present only the first character type on the line is used.
- English (ASCII), and Chinese BIG5 (traditional) characters cannot be mixed on the same line. If both are present only the first character type on the line is used.

1. Enabling Korean Fonts.

1.1. Open Setup Utility.



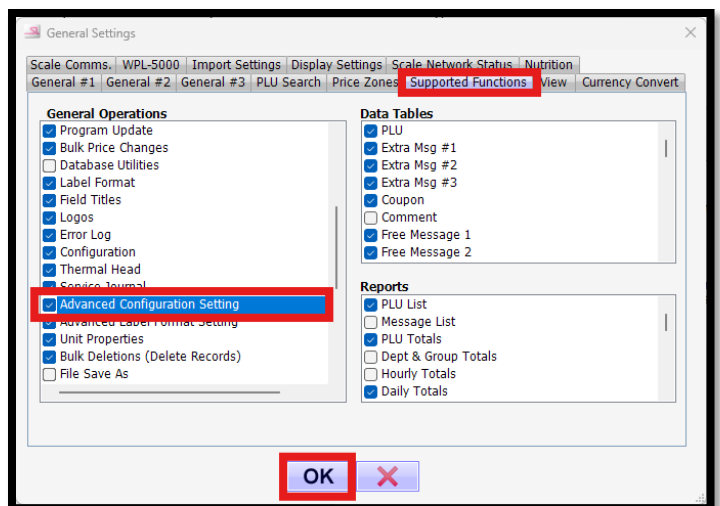
1.2. Select "General".



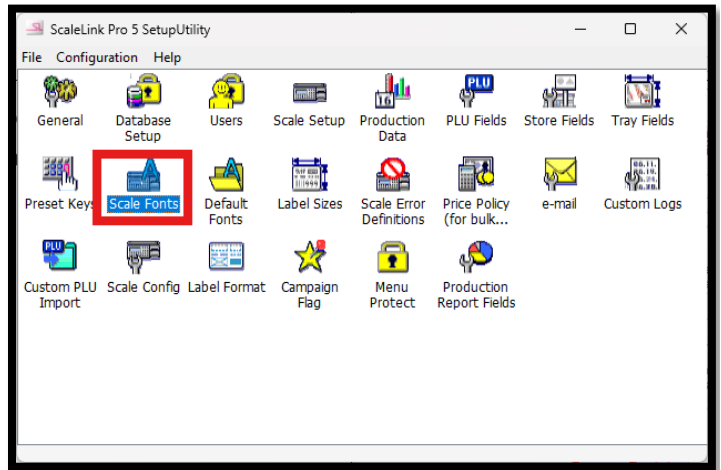
1.3. Navigate to the Supported Functions tab

1.4. Under General Operations, enable Advanced Configuration Setting.

1.5. Click OK.

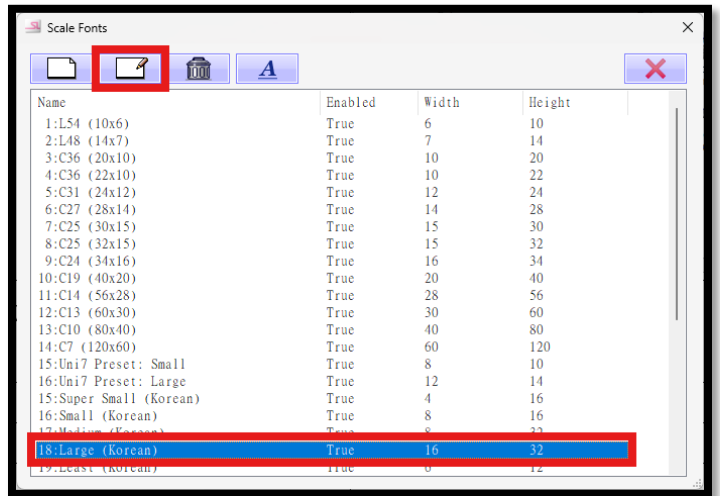


1.6. Select "Scale Fonts".



1.7. Choose "18: Large (Korean)"

1.8. Click "Edit".



1.9. Check "Enabled?".

1.10. Set the Uni-7 "Scale Font Codes (HEX)" value as "f" (same value as AC-4000 and SR-2000).

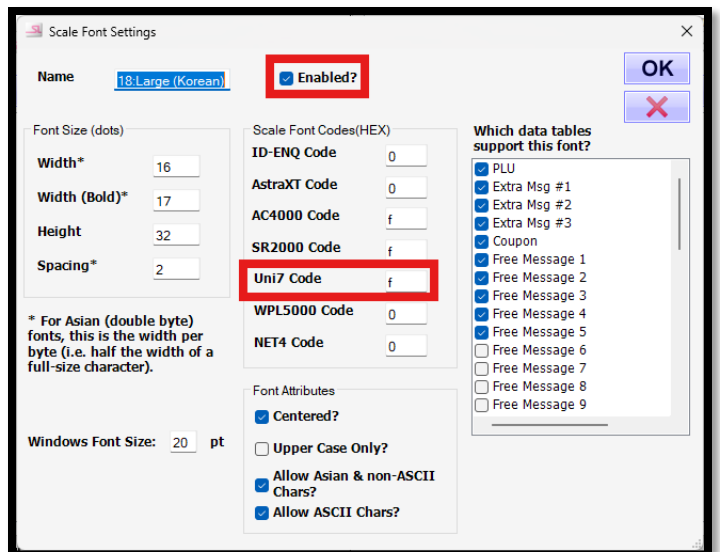
1.11. Click "OK".

1.11.1 If the Uni-3, Uni-5, Uni-7, or WM-Nano are also installed, repeat for the remaining three Korean fonts:

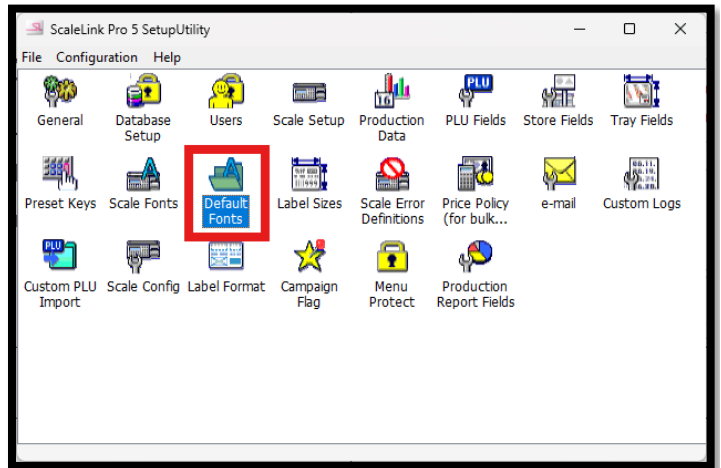
1.11.1.1. 17: Medium = "e"

1.11.1.2. 16: Small = "6"

1.11.1.3. 15: Super Small = "5"



1.12. Select "Default Fonts".

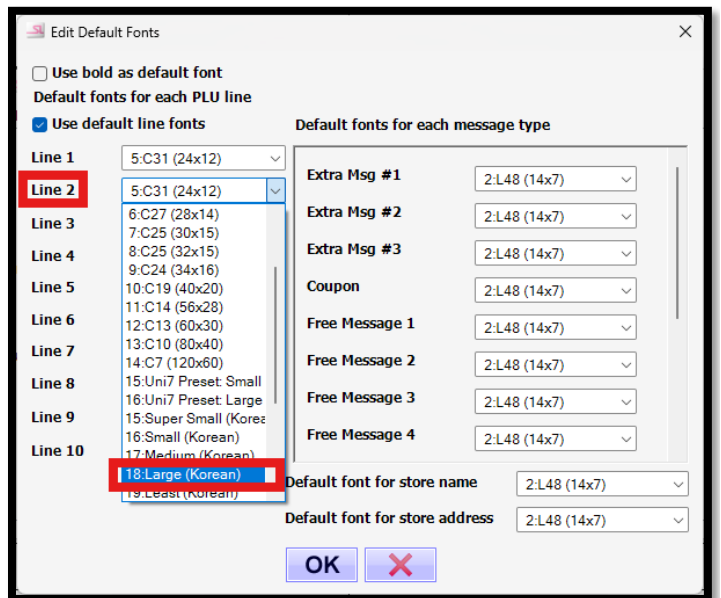


1.13. Select one line for Korean characters and the other for standard English characters.

1.13.1 Set "Line 1" to size "7:C25" or "5:C31".

1.13.2 Change "Line 2" to "18: Large (Korean)".

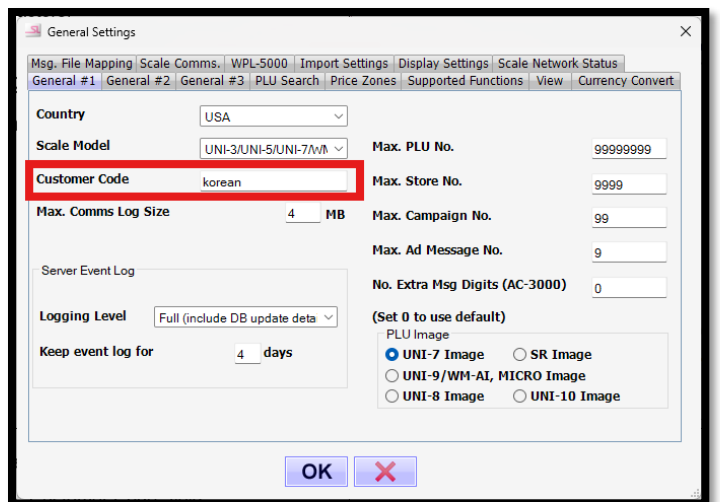
1.14. Select "OK" when finished.



1.15. Select "General" again.

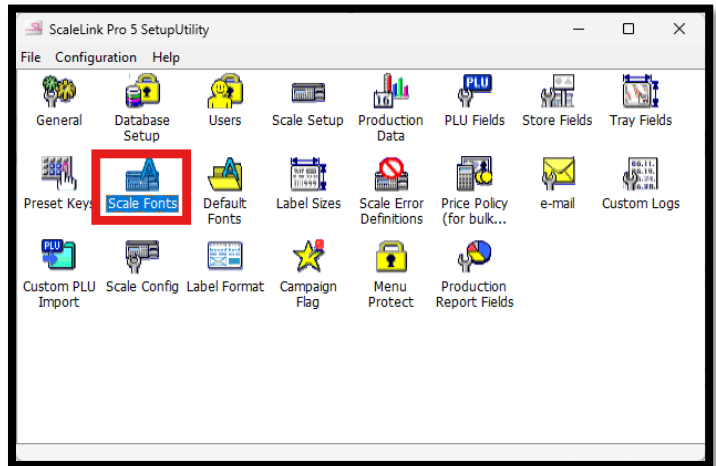
1.16. Enter "korean" in the "Customer Code" field.

1.17. Select "OK" when finished.



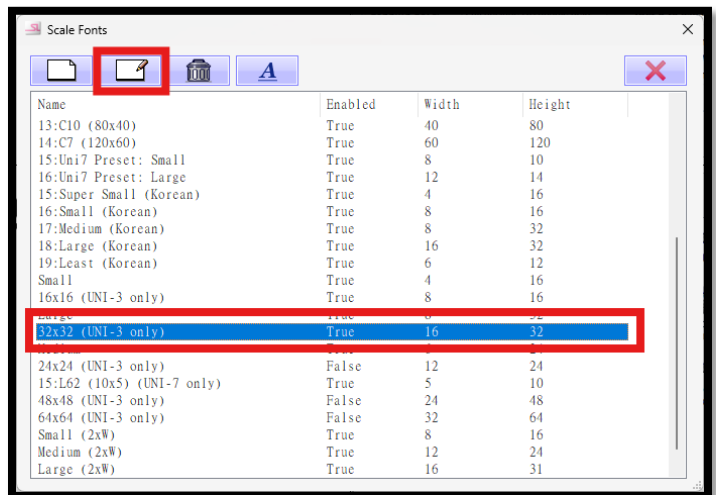
2. Enabling Chinese Fonts.

2.1. Select "Scale Fonts".



2.2. Choose "32x32 (Uni-3 only)"

2.3. Click "Edit".



2.4. Rename as "32x32 (Chinese)".

2.5. Check "Enabled?".

2.6. Set the Uni-7 "Scale Font Codes (HEX)" value as "f" (same value as AC-4000).

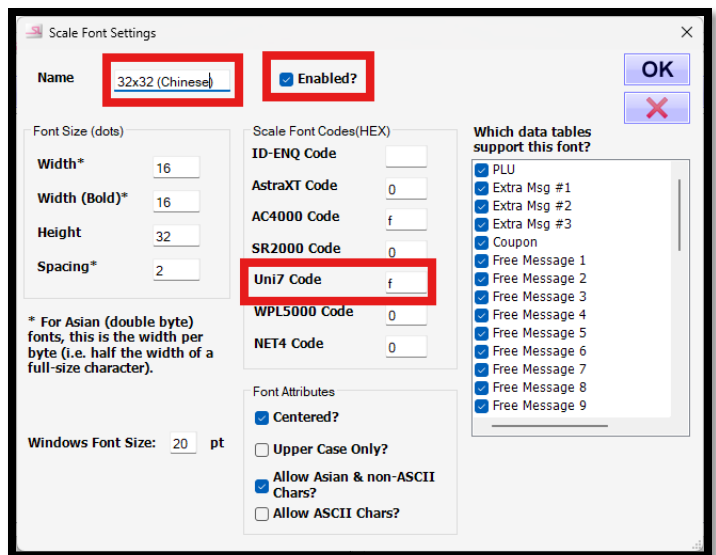
2.7. Click "OK".

2.7.1 If the Uni-3, Uni-5, Uni-7, or WM-Nano are also installed, repeat for the remaining three Chinese fonts:

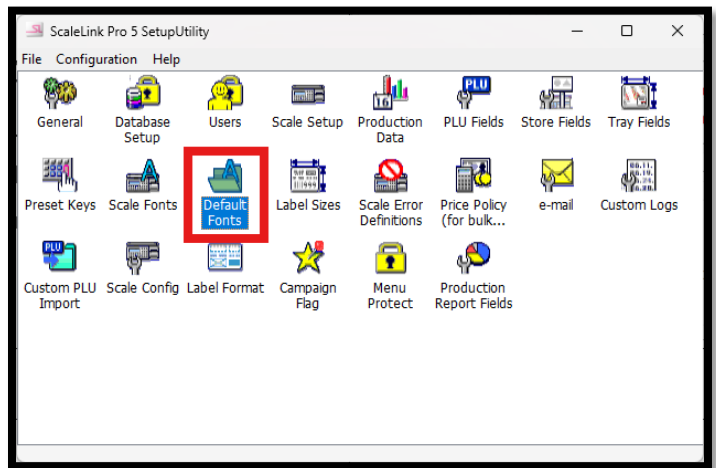
2.7.1.1. 16x16 (Chinese) = "6"

2.7.1.2. 24x24 (Chinese) = "c"

2.7.1.3. 48x48 (Chinese) = "1f"



2.8. Select "Default Fonts".



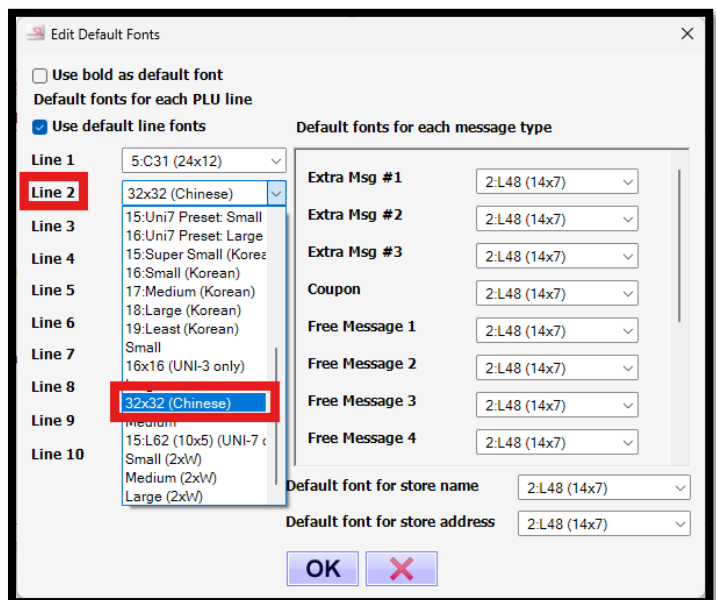
2.9. At the "Edit Default Fonts" screen select the font for each line.

2.10. Select one line for Chinese characters and the other for standard English characters.

2.10.1 Set "Line 1" to size "7:C25" or "5:C31".

2.10.2 Change "Line 2" to "32x32 (Chinese)".

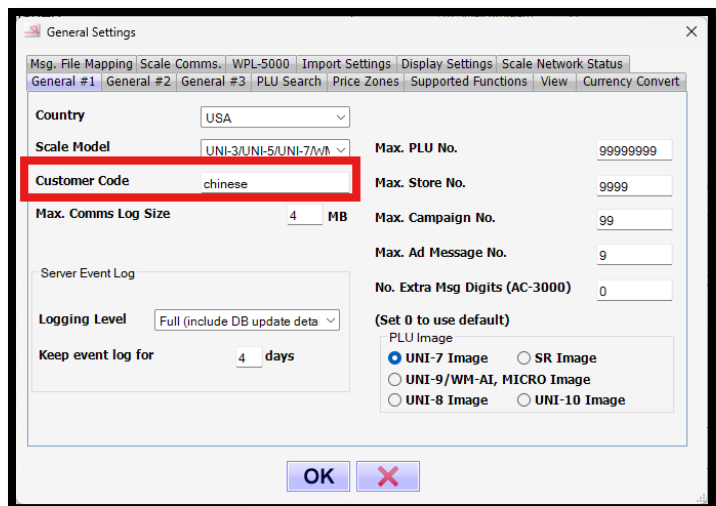
2.11. Select "OK" when finished.



2.12. Select "General" again.

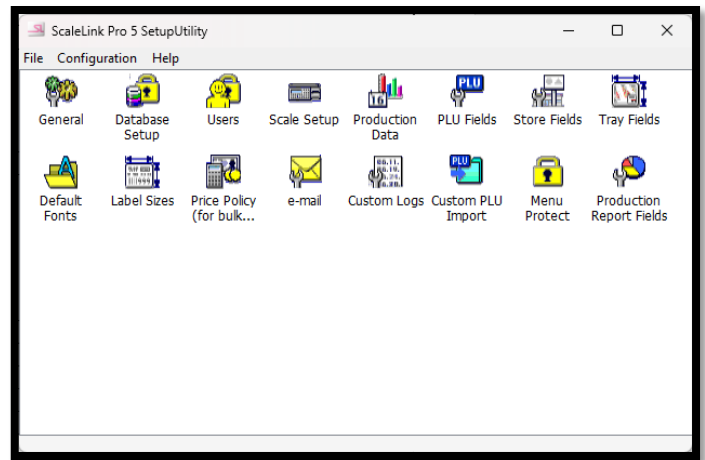
2.13. Enter "chinese" in the "Customer Code" field.

2.14. Select "OK" when finished.

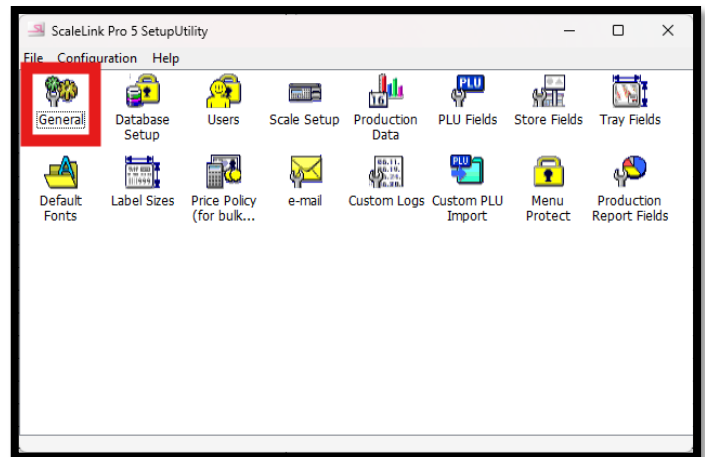


3. Adding Korean and Chinese External Fonts to SLP-5 Setup Utility.

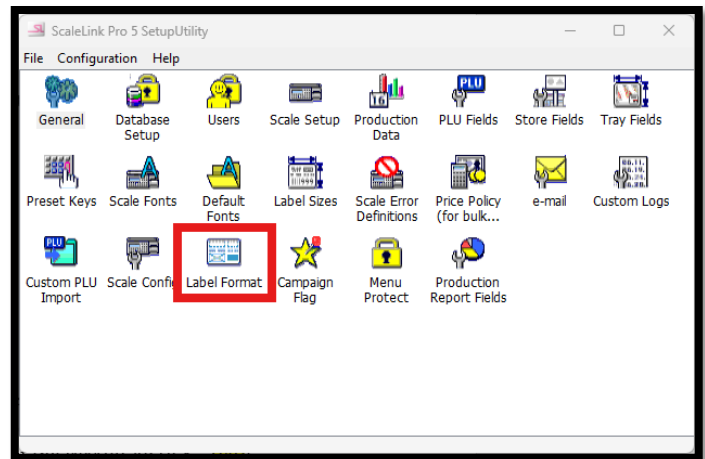
3.1. Open the Setup Utility



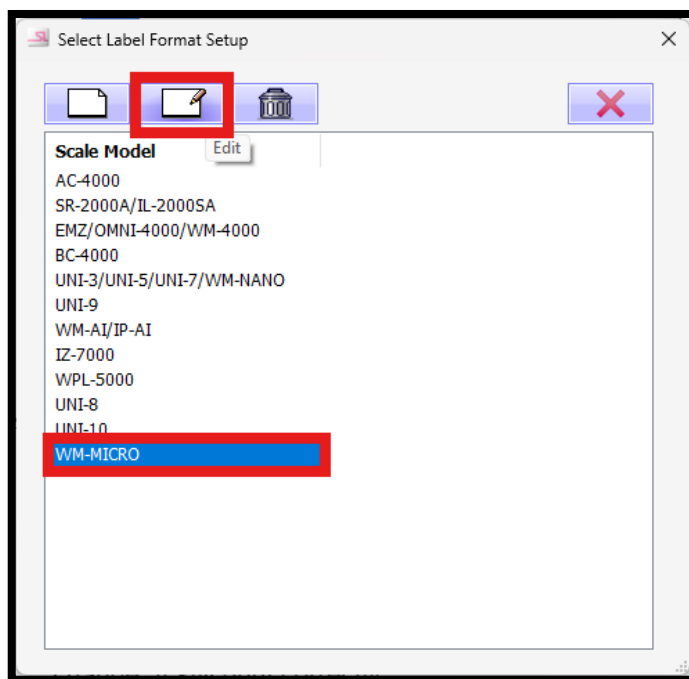
3.2. Double click on “General”



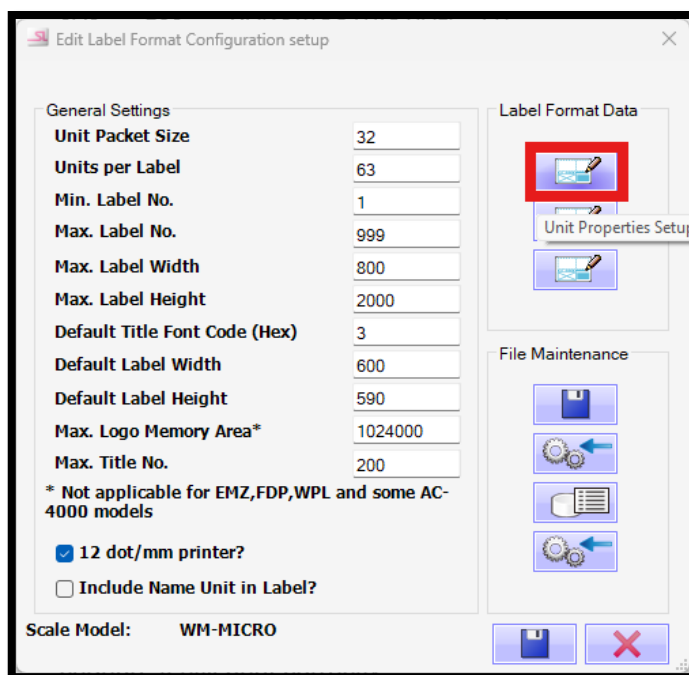
3.3. Double click Label Format



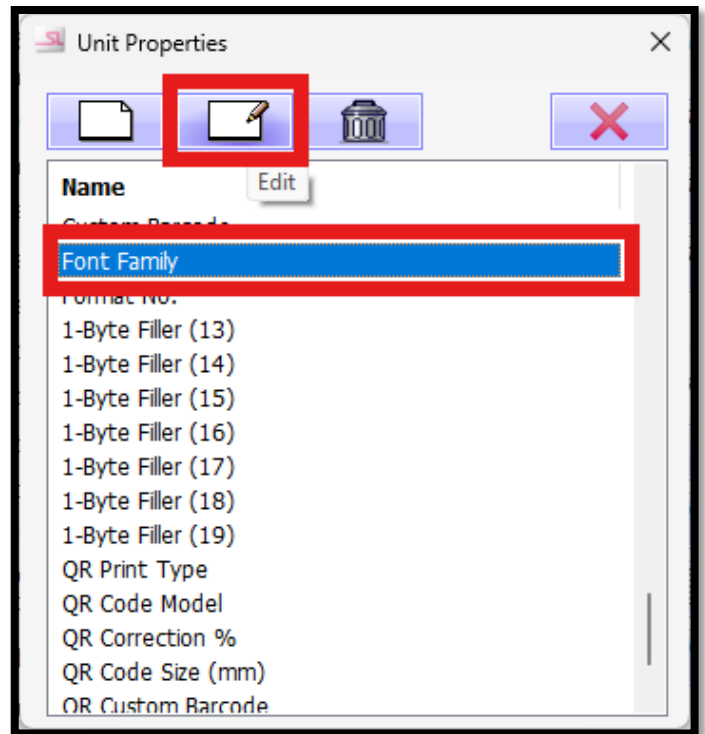
3.4. Select the WM-MICRO and click the Edit button (blank paper with a pencil).



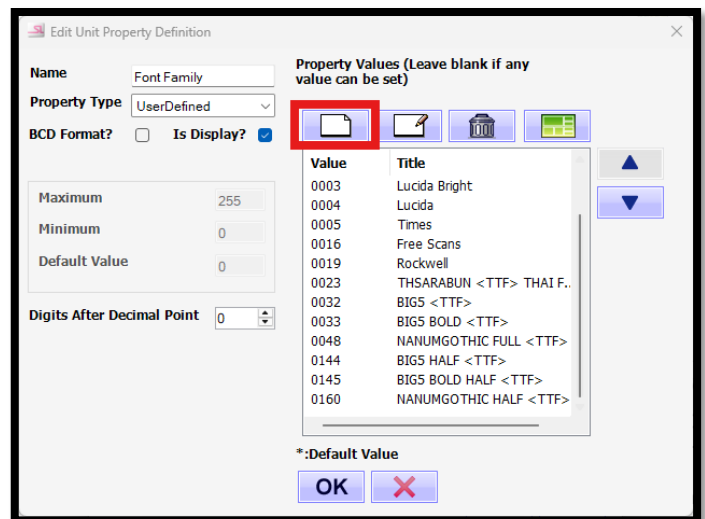
3.5. Under Label Format Data, press the Unit Properties Setup button.



3.6. Find Font Family (near the bottom) in the list and press the edit button.



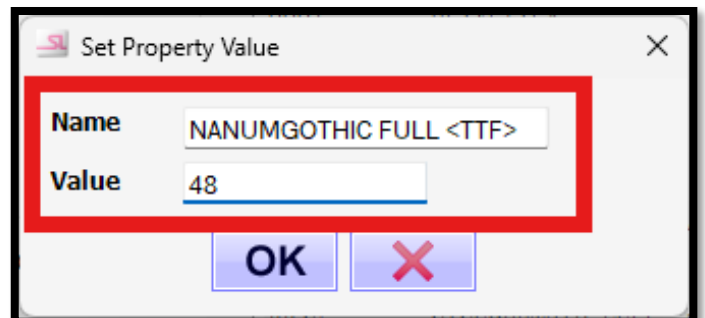
3.7. Click the New button.



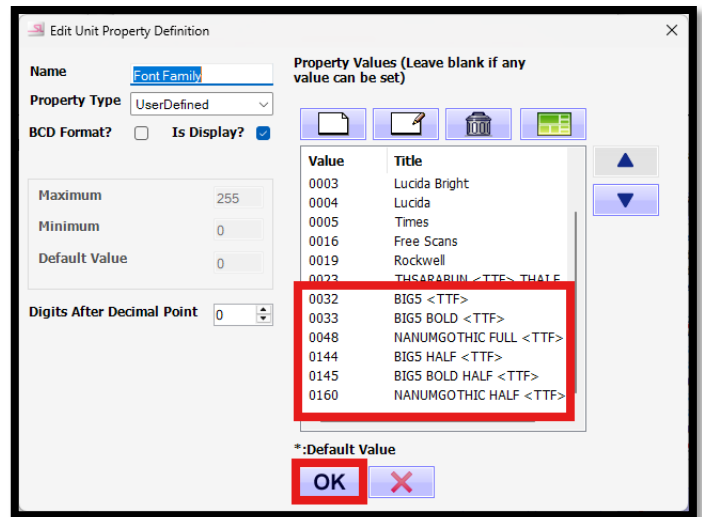
3.8. Input a name in the Name row and input the decimal value in the Value row for the following new fonts.

- 48: NANUMGOTHIC FULL <TTF>
- 160: NANUMGOTHIC HALF <TTF>
- 32: BIG5 <TTF>
- 33: BIG5 BOLD <TTF>
- 144: BIG5 HALF <TTF>
- 145: BIG5 BOLD HALF <TTF>

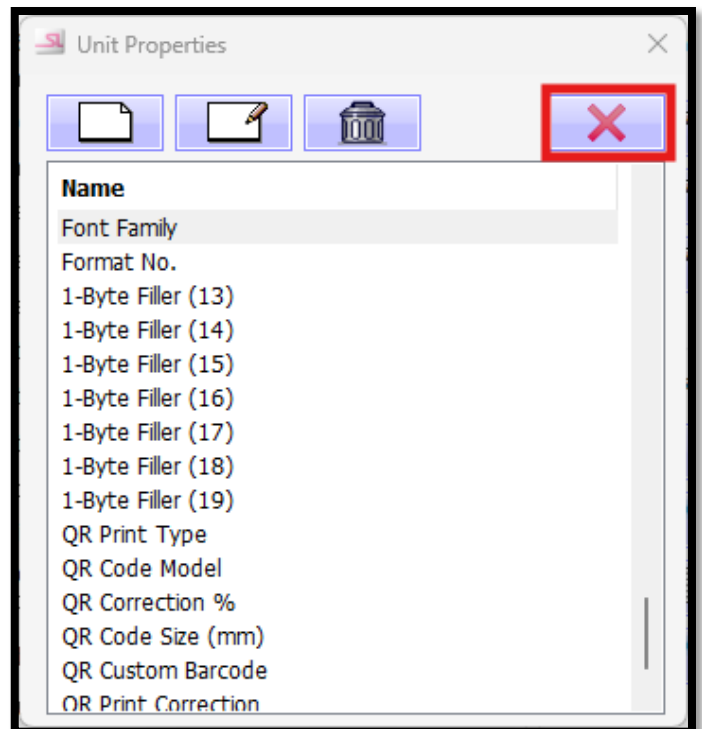
3.9. Press OK.



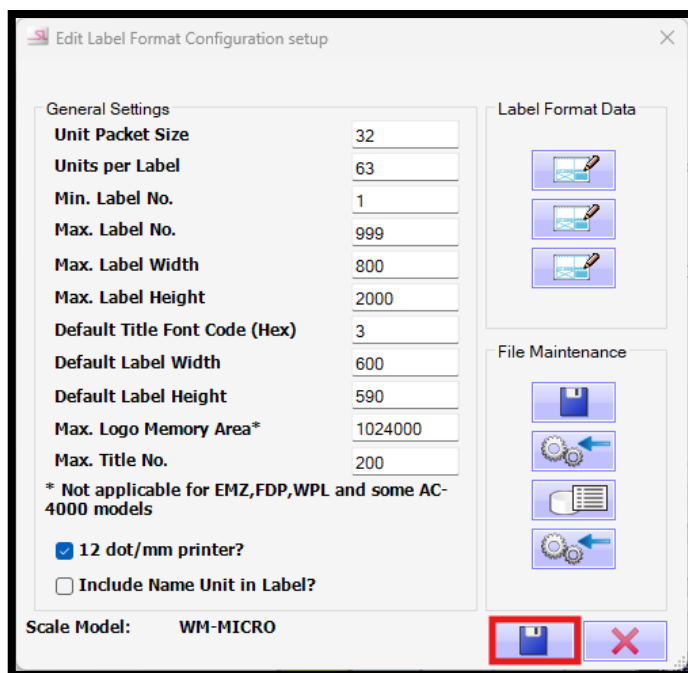
3.10. After all fonts are entered, press OK.



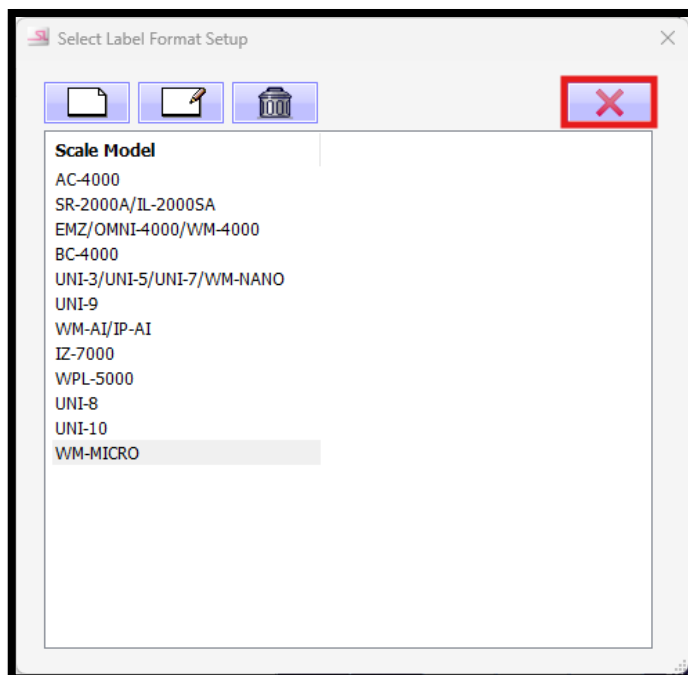
3.11. Click the red close icon (red x).



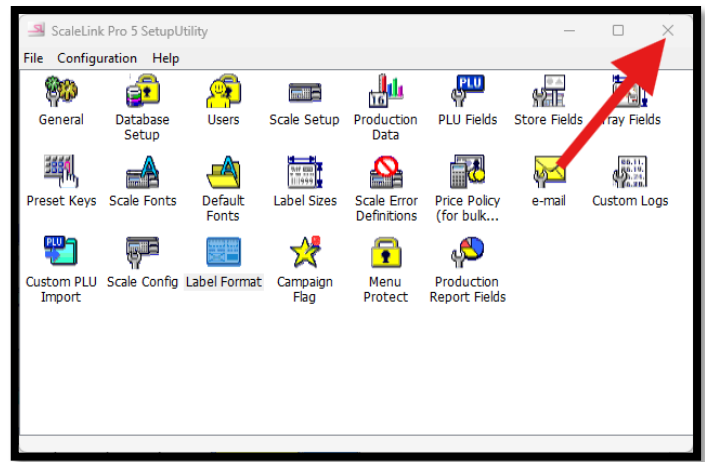
3.12. Click the save icon.



3.13. Click the red close icon (red x).



3.14. Close the SLP-5 Setup Utility.



4. Printing External Fonts.

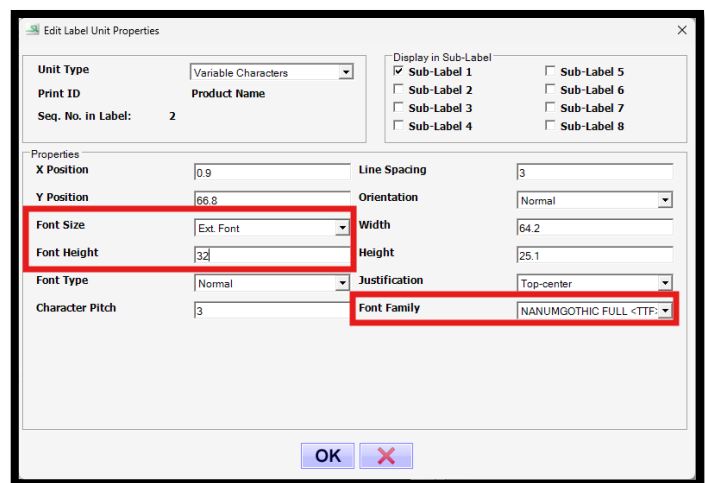
4.1. To print the Korean and Chinese fonts in the PLU description/text fields, use the following label format fields.

4.1.1 Font Size: Ext. Font

4.1.2 Font Height: Set as needed. Typical values are 24~32

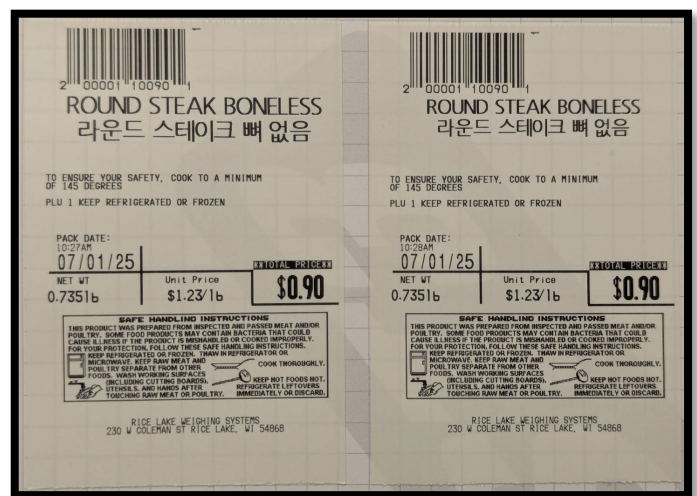
4.1.2.1. Value of 5 (very small), value of 80 (very large)

4.1.3 Font Family: Select from the added fonts in chapter 3.

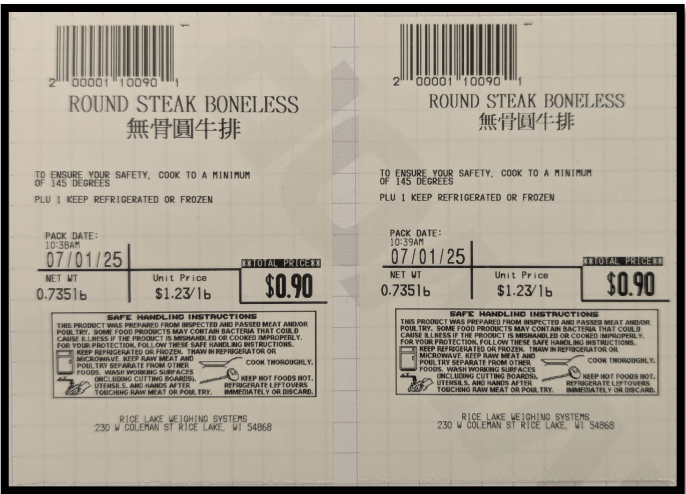


5. Printing Examples.

5.1. PLU Description using: 0048 NANUMGOTHIC FULL <TTF>



5.2. PLU Description using: 0032 BIG5 <TTF>



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