# SLP-5 Configuration for WM-Ai and IP-Ai Korean Characters

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

Refer to the WM-Ai auto wrapper and IP-Ai pre-pack scale release notes for details to load the firmware.

#### WRAPPER AND SCALE SETUP

Update the firmware for the WM-Ai auto wrapper and IP-Ai to version **C2244x**. Refer to the C2244x 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 font.

• 32x32 SLP-5 size 18: Large (Item Name)

The following Korean 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)

*Note*: English (ASCII) and Korean (Hangul) characters <u>cannot</u> be mixed on the same line. If both are present only the first character type on the line is used.

<u>s</u>	ScaleLink F	Pro 5 Se	tupUtil	ity				-		$\times$
File	Configu	ration	Help							
G	eneral	Datab Set	Dase up	A Users	Scale Setup	Production Data	PLU Fields	Store Fields	Tray Field	s
T D F	efault Fonts	Label	Sizes	Price Policy (for bulk	e-mail	Custom Logs	Custom PLU Import	Menu Protect	Productio Report Fiel	n Ids

### 1. Open Setup Utility.

2. Select "General".

Scale Comms. WPL-5000 Import Settings	Display Settings Set	ale Network Stat	us Nutrition		4. Enable "Advanced
General Operations            ✓ Label Format             ✓ Field Titles             ✓ Logos             ✓ Error Log             ✓ Configuration             ✓ Thermal Head             ✓ Service Journal             ✓ Advanced Configuration Setting             ✓ Monte Configuration Setting             ✓ Monte Configuration Setting             ✓ Monte Configuration Setting             ✓ Monte Configuration Setting             ✓ Dupdate Date & Time             ✓ Server Settings	Data Ta     Deta Ta     Coup     C	bles a Msg #1 a Msg #2 a Msg #3 yon ment Message 1 Message 2 s List sage List Totals * & Group Totals y Totals r Totals			Configuration Setting". 5. Select "OK".
ScaleLink Pro 5 SetupUtility	UK X			 X □	6 Select "Scale Fonts"
			<u>ب</u>	80.11. S. 19.	
Custom PLU Scale Config Label Format C Import	ampaign Menu Flag Protec	ror Price Polic ons (for bulk. Productio t Report Fiel	ry e-mail Cust  n lds	tom Logs	
Custom PLU Scale Config Label Format C Import	ampaign Menu Flag Protec	ror Price Polic ons (for bulk. Productio tt Report Fiel	ry e-mail Cust  n lds	tom Logs	The list of "Scale Fonts" is displayed.
Custom PLU Scale Config Label Format C Import	Enabled	vidth	ry e-mail Cust  Ids Height	×	The list of "Scale Fonts" is displayed. 7. Choose " <b>18: Large</b>



- 9. Check "Enabled?".
- 10. Set the Uni-7 "Scale Font Codes (HEX)" value as "f" (same value as AC-4000 and SR-2000).
- 11. Click "OK".
- 12. If the Uni-3, Uni-5, Uni-7, or WM-Nano are also installed, repeat for the remaining three Korean fonts:
  - 17: Medium = "e"
  - 16: Small = "6"
  - 15: Super Small = "5"

13. Select "Default Fonts".

This is to set which line is Korean (KIS) and which line is English (ASCII).

Default fonts for each PLU line	
d line detault line tente Price it from the from	
Default fonts for each message type	elect one line for Korean
Line 1 5:C31 (24x12) Line 2 7:C25 (30x15) Extra Msg #1 2:L48 (14x7) Extra Msg #2 Sta	aracters and the other for andard English characters
Line 3 3:C36 (20x10) 4:C36 (22x10) 2:L48 (14x7) 2:L48 (14x7)	
Line 4 5:C31 (24x12) Extra Msg #3 2:L48 (14x7) V 14	. Set "Line 1" to size "7:C25"
Line 5 7:C25 (30x15) Coupon 2:L48 (14x7) V	or "5:C31".
Line 6 8:C25 (32x15) 9:C24 (34x16) 15.	5. Change "Line 2" to "18:
Line 7 10:C19 (40x20) 11:C14 (56x28)	Large (Korean)".
Line 8 12:C13 (60x30) 13:C13 (60x30)	6. Select "OK" when finished.
Line 9 14:C7 (120x60)	
15:Uni7 Preset: Small	
18:Large (Korean) Default font for store name 2:L48 (14x7)	
Default font for store address	
ОК 🗙	
General Settions Y 17	Coloct "Conoral" again
Scale Comms. WPL-5000 Import Settings   Display Settings   Scale Network Status   Nutrition	3. Enter "korean" in the
Country	"Customer Code" field.
Scale Model UNE3/UNE5/UNE7/WA Max. PLU No. 999999999	). Select "OK" when finished.
Customer Code korean Max. Store No.	
Max. Comms Log Size 4 MB Max. Compaign No	
Max. Ad Message No. 9	
No. Extra Msg Digits (AC-3000)	
Logging Level Full (include DB update detai > (Set 0 to use default)	
Keep event log for 4 days   UNI-7 Image O SR Image  UNI-7 Image	
O UNIT-97 WINTAL TIMAGE	
OK X	

I Edit Label Format Configuration setup		×	20. Select 'Label Format".
General Settings	Label Format Da	a	21. Select "WM-Ai / IP-Ai". 22. Select "Unit Properties
Unit Packet Size	32		Setup".
Units per Label	63		
Min. Label No.			
Max. Label No.	999		
Max. Label Width	800		
Max. Label Height	2000		
Default Title Font Code (Hex)	3		
Default Label Width	600 File Maintenance		
Default Label Height	590		
Max. Logo Memory Area*	1024000		
Max. Title No.	200		
* Not applicable for EMZ,FDP,WPL 4000 models	and some AC-		
✓ 12 dot/mm printer?	0.5		
Include Name Unit in Label?			
Scale Model: WM-AI/IP-AI			
		<	
I Edit Unit Property Definition		×	23. Select "Font Family".
Name	ty Values (Leave blank if any		24. Select "New".
Property Type UserDefined	an be set)		25. Add the two Korean fonts:
BCD Format? I Is Display? 🗸 🗖			• 48: NANUMGOTHIC FULL
BCD Format? Is Display? M Valu	e Title		48: NANUMGOTHIC FULL     160: NANUMGOTHIC HALF
BCD Format? Is Display? Valu Maximum 255	e Title 4 None Courie		48: NANUMGOTHIC FULL     160: NANUMGOTHIC HALF     26 Click "OK"
BCD Format?         Is Display?         Value           Maximum         255         0000           Minimum         0         0002	e Title 0 None Courie Helvetica	<b>X</b>	• 48: NANUMGOTHIC FULL     • 160: NANUMGOTHIC HALF 26. Click "OK". 27. Click "X"
BCD Format?         Is Display?         Value           Maximum         255         0000           Minimum         0         0000           Default Value         0         0000	e Title 0 None Courie Helvetica Lucida Bright Lucida	7	<ul> <li>48: NANUMGOTHIC FULL</li> <li>160: NANUMGOTHIC HALF</li> <li>26. Click "OK".</li> <li>27. Click "X".</li> <li>28. Click "Save"</li> </ul>
BCD Format?         Is Display?         Value           Maximum         255         0002           Minimum         0         0002           Default Value         0         0004	e Title 0 None Courie Helvetica Lucida Bright Lucida Times Eros Scrop		<ul> <li>48: NANUMGOTHIC FULL</li> <li>160: NANUMGOTHIC HALF</li> <li>26. Click "OK".</li> <li>27. Click "X".</li> <li>28. Click "Save".</li> <li>29. Click "X"</li> </ul>
BCD Format?         Is Display?         Value           Maximum         255         0000           Minimum         0         0000           Default Value         0         0000           Digits After Decimal Point         0         0115	e Title 0 None Courie Helvetica Lucida Bright Lucida Times Free Scans Rockwell		<ul> <li>48: NANUMGOTHIC FULL</li> <li>160: NANUMGOTHIC HALF</li> <li>26. Click "OK".</li> <li>27. Click "X".</li> <li>28. Click "Save".</li> <li>29. Click "X".</li> </ul>
BCD Format?       Is Display?       Value         Maximum       255       0002         Minimum       0       0002       0002         Default Value       0       0004       0016         Digits After Decimal Point       0       0046       0046         0166       0046       0166       0046	e Title 0 None Courie Helvetica Lucida Bright Lucida Times Free Scans Rockwell NANUMGOTHIC FULL NANUMGOTHIC FULL		<ul> <li>48: NANUMGOTHIC FULL</li> <li>160: NANUMGOTHIC HALF</li> <li>26. Click "OK".</li> <li>27. Click "X".</li> <li>28. Click "Save".</li> <li>29. Click "X".</li> <li>This completes the Setup Utility</li> </ul>
BCD Format?       Is Display?       Value         Maximum       255       0000         Minimum       0       0000         Default Value       0       0000         Digits After Decimal Point       0       0016         0048       0160       0048	e Title 0 None Courie Helvetica Lucida Bright Lucida Bright Lucida Times Free Scans Rockwell NANUMGOTHIC FULL NANUMGOTHIC HALF		<ul> <li>48: NANUMGOTHIC FULL</li> <li>160: NANUMGOTHIC HALF</li> <li>26. Click "OK".</li> <li>27. Click "X".</li> <li>28. Click "Save".</li> <li>29. Click "X".</li> <li>This completes the Setup Utility configuration for Korean</li> </ul>
BCD Format?       Is Display?       Value         Maximum       255       0000         Minimum       0       0000         Default Value       0       0000         Digits After Decimal Point       0       0012         0160       0014       0015	e Title 0 None Courie Helvetica Lucida Bright Lucida Times Free Scans Rockwell NANUMGOTHIC FULL NANUMGOTHIC FULL		<ul> <li>48: NANUMGOTHIC FULL</li> <li>160: NANUMGOTHIC HALF</li> <li>26. Click "OK".</li> <li>27. Click "X".</li> <li>28. Click "Save".</li> <li>29. Click "X".</li> <li>This completes the Setup Utility configuration for Korean characters.</li> </ul>
BCD Format?       Is Display?       Value         Maximum       255       0000         Minimum       0       0000         Default Value       0       0000         Digits After Decimal Point       0       0015         0160       0048       0160         0160       0048       0160	e Title 0 None Courie Helvetica Lucida Bright Lucida Bright Lucida Times Free Scans Rockwell NANUMGOTHIC FULL NANUMGOTHIC HALF		<ul> <li>48: NANUMGOTHIC FULL</li> <li>160: NANUMGOTHIC HALF</li> <li>26. Click "OK".</li> <li>27. Click "X".</li> <li>28. Click "Save".</li> <li>29. Click "X".</li> <li>This completes the Setup Utility configuration for Korean characters.</li> </ul>

Unit Type Print ID Seq. No. in Label: 1	Variable Characters Product Name 1	•	Image: Sub-Label 1         Image: Sub-Label 1         Image: Sub-Label 1         Image: Sub-Label 2         Image: Sub-Label 3         Image: Sub-Label 3         Image: Sub-Label 4	<ul> <li>✓ Sub-Label 5</li> <li>✓ Sub-Label 6</li> <li>✓ Sub-Label 7</li> <li>✓ Sub-Label 8</li> </ul>		2. 3.	Ope Edit
Properties X Position	1.0	Li	ne Spacing	3			• F
Y Position Font Size	58.0 Ext. Font	OI V	rientation idth	Normal	•		• F
Font Height	32	H	eight	12.0			• F
Font Type Character Pitch	Bold 3	Ţ Ju Fo	istification ont Family	Top-center Korean	•		
				Helvetica Lucida Bright Lucida Times Free Scans Boolemell	^		
				Korean Korean Half	~		

#### 1. Open Maintenance Utility.

- 2. Open the label format.
- Edit the Product Name properties as follows.
  - Font Size: Ext. Font
  - Font Height: 24~32
  - Font Family: Korean or Korean Half

		Product Description	Status
Font	18:Large (Korean)         1           11:L54 (10x6)         2           21:48 (14x7)         3           3:C36 (20x10)         4           4:C36 (22x10)         5           5:C31 (24x12)         6           6:C27 (28x14)         7           7:C25 (30x15)         8           8:C25 (32x15)         9           9:C24 (34x16)         10           10:C19 (40x20)         11	Product Description BIUA STEAK BONELESS 스테이크 뼈 대	Status     Active O Inactive     Characters     Remaining : 2006
	11:C14 (56x28) 12:C13 (60x30) 13:C10 (80x40) 14:C7 (120x60) 18:Large (Korean)		

- 1. Open ScaleLink Pro 5.
- 2. Edit a PLU.
- When editing the description, confirm the second line is set as "18: Large (Korean)". The first line is set as a standard English font.

## SLP-5 Configuration for WM-Ai and IP-Ai Korean Characters



Ext. Font, NANUMGOTHIC FULL Font Height = 24 (SLP-5), 18 [Hex](Ai) Ext. Font, NANUMGOTHIC FULL Font Height = 32 (SLP-5), 20 [Hex] (Ai)





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7 / 7

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