

# User Manual

## **K-BUS** Labeling Tool\_V1.4

## Version Upgrade Description(Required)

Version	Upgrade Description	Update date
<b>User Manual-Ver 1.1</b>	Basic version, only simple interface editing function and printing function.	2018/04/10
<b>User Manual-Ver 1.2</b>	Major changes:  Added language display switching function, including Chinese German display.	2018/05/02
<b>User Manual-Ver 1.3</b>	Major changes:  1.Added project engineering saving and opening function;  2.Added custom picture add function;  3.Optimize the way the project files are saved, leaving only one database project.	2018/05/07
<b>User Manual-Ver 1.4</b>	Major changes:  1.Add the selection of the color of the label background ;  2.Correct system icons quantity from 144 to 145.	2019/7/24

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## **Chapter1 Preface**

The K-BUS Labeling Tool is a label design upper computer software for configuring the Push button sensor Plus (CHPLE-0x/02.y.0z) series products. The following mainly introduces the overall framework and configuration function of the software.

## **Chapter2 Software Introduction**

### **2.1 Function Overview**

#### **2.1.1 Label Configuration Function**

The label configuration function can provide user with the function of freely configuring the label of the push button sensor, the free selection of text or icon as the function indication of the button, as well as the four push button styles and the 145 icons provided by the software for the user, or the images imported by the user. The configuration can save the project file for the next modification, or print for PDF file and printer printing, or use the printing function of the printer directly in the software to realize the printout of labels.

The main functions are summarized as follows:

- **Support for four kinds of push button styles;**
- **145 pictures for choosing;**
- **Each style has several kinds of function display;**
- **Support for different types of text display;**
- **Support for the import and use of custom icons (custom icons are limited);**
- **Support for three language of the interface, including Chinese, English and German;**
- **Support for the preservation and opening of the project file, as well as the PDF save function.**

### 2.1.2 Label Printing Function

The label printing function can print out the configured label interface in the printer.

The main functions are summarized as follows:

- **Support for printing preview ;**
- **Support for printing directly by the software-connected printer.**

## 2.2 Running Environment

**Operating system:** Windows XP (32bit), Windows 7 (32/64bit), Windows 8 (32/64bit), Windows 10 (32/64bit) version operating system;

**Running environment:** Allow to run the software directly without installation, note that the library files in the software directory can not be lost.

## 2.3 Language

The software is compatible with three languages in Chinese, English and German, which can be switched freely.

**Note:** Attention should be paid to the preservation of the project before language switching, as the language is changed, the software will be turned off directly and need to be opened manually.

## Chapter3 Software Interface

Double-click the folder[K-BUS Labeling Tool.exe] where the Labeling Tool software is stored, start the software and get the initial interface as shown in figure 3.1.

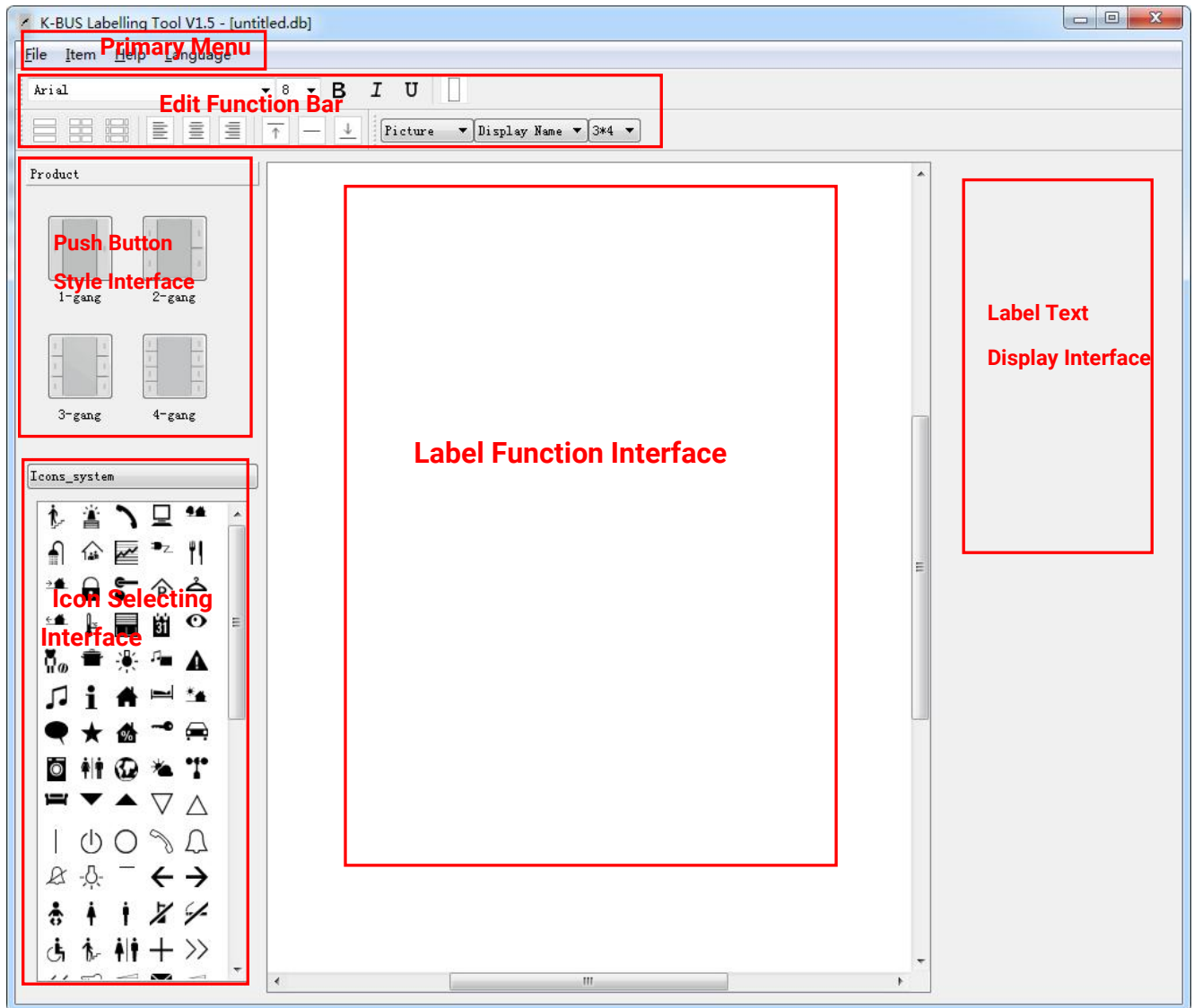


Figure 3.1 Initial interface

The following details in the form of section describe all the functional block of the interface.

## 3.1 Primary Menu

The main menu includes four menu groups of [File] , [Project] , [Help] , and [Language]. The contents and usage of these menu groups will be described in the following.

### 3.1.1 [File]

Select [File] on the main menu bar, to get the [File] drop-down menu as shown in figure 3.2.



Figure 3.2 [File] drop-down menu

- ① **[New]:** create a new configuration project.
- ② **[Open]:** open the related configuration project.
- ③ **[Save]:** save the related configuration project.
- ④ **[Save As...]:** saved to another project.
- ⑤ **[Print...]:** print out, and preview the interface of the printed file.
- ⑥ **[Export PDF...]:** save as PDF file.
- ⑦ **[Exit]:** exit this software.

### 3.1.2 [Project]

Select [project] on the main menu bar to get the drop-down menu as shown in figure 3.3.

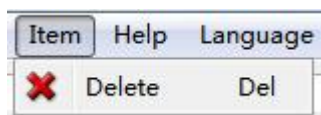


Figure 3.3 [View] drop-down menu

[Delete]: delete selected icons, push button styles, or text in the interface, and you can use the Del shortcut button to delete quickly and improve efficiency.

### 3.1.3 [Help]

Select [help] on the main menu bar to get the [help] drop-down menu as shown in figure 3.4.

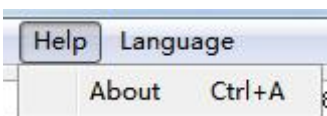


Figure 3.4 [help] drop-down menu

[About]: displays version information of the software.

### 3.1.4 [Language]

On the main menu bar, select Language to get the [Language] drop-down menu as shown in Figure 3.5.



Figure 3.5 [Language] drop-down menu

[Chinese]: Select Simplified Chinese to display the language for the software.

[English]: Select English as the software display language.

[German]: Select German as the software display language.

### 3.2 Push Button Style Interface

As shown in Figure 3.6, the push button sensor style selection interface is used to select the style required by the user, and there are four options.

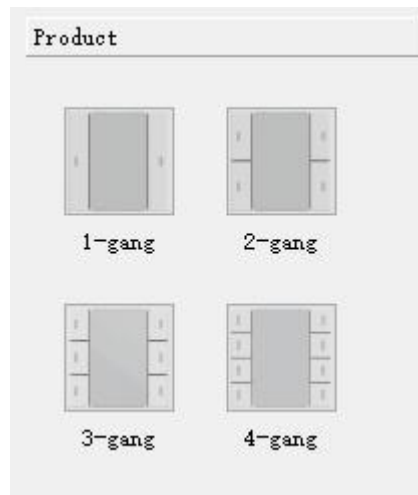


Figure 3.6 Push Button Sensor Interface

### 3.3 Icon Selection Interface

This software supports both the optional internal existing system diagram and the user-defined icon import.

The system diagram library: the icon selection interface selects the "system icon", and the contents of the system diagram library are displayed. There are 145 system icons for choosing, as shown in Fig. 3.7.

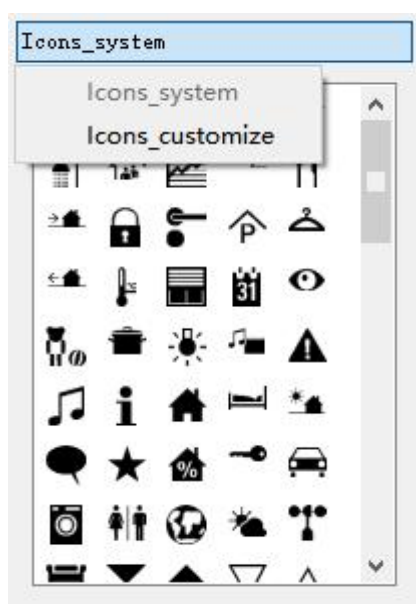


Figure 3.7 Icon selection interface

Custom icon library: if the icon selection interface selects "custom icon", the interface that switches to the custom icon library is shown in figure 3.8, there is a "add" button in the lower right corner, click to pop up the dialog box of the import icon, you can browse the local folder to select the desired icon import (the length and width of the imported icon must not be greater than 160px), at this time, a thumbnail of the import icon will appear in the selection interface. Right-click will appear the function selection box (the system icon interface does not have the right-click function), respectively, "delete" and "clear"; The "delete" feature, which is used to delete the currently selected custom icon; the "clear" function can be used to clear all custom icon libraries.



Figure 3.8 Custom icon interface

### 3.4 Label Function Main Interface

As shown in figure 3.9, the main interface is used to display the label interface edited by the user. In the figure, the small box of the red background is the selected state of the small unit of the push button sensor style, which can be divided by the function bar, and there is a text input box in the small unit. The input of the text can be directly input in the main interface, or the text can be entered in the label text display interface after selection, or the icon can be inserted.

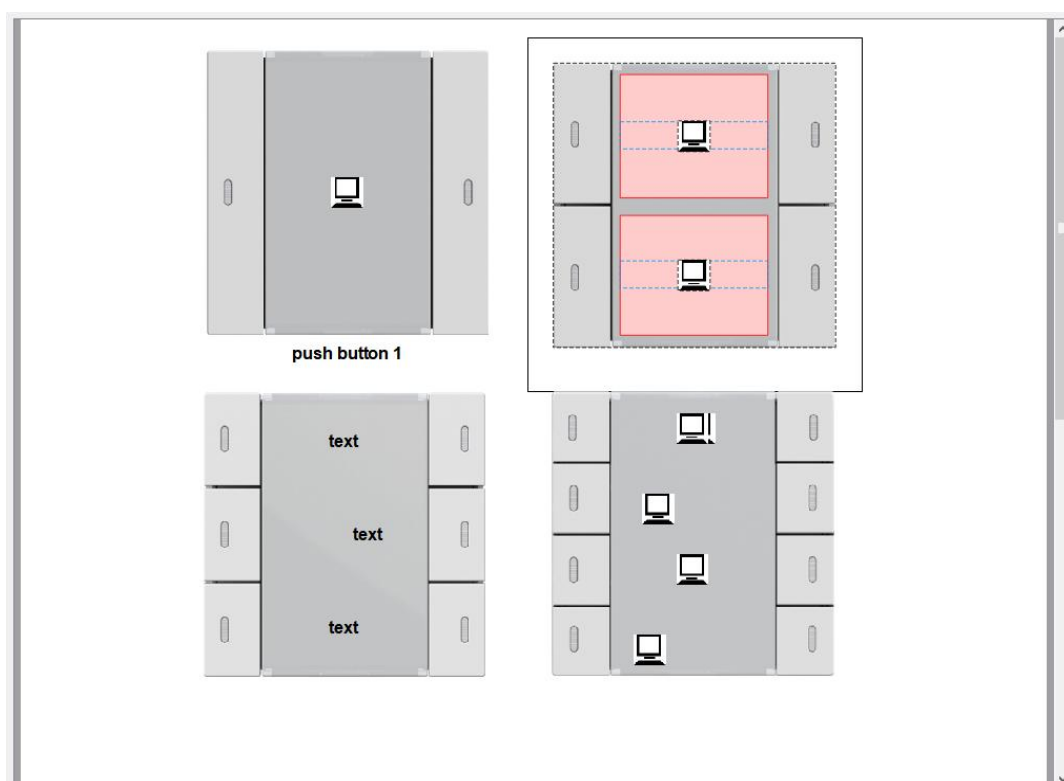


Figure 3.9 functional main interface

### 3.5 Label Text Display Interface

The label text display interface shown in figure 3.10 is used to display the text entered by the user, and the text can be edited in this interface.

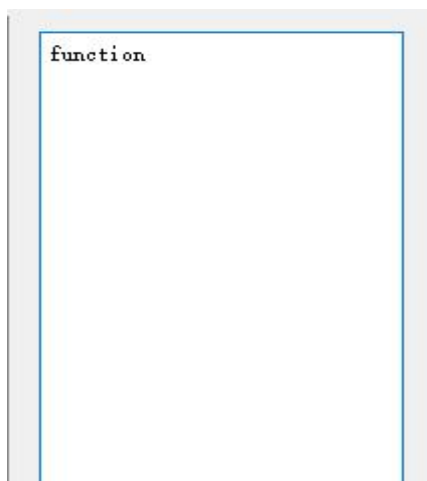


Figure 3.10 text editing interface

### 3.6 Edit Function Bar

The editing bar shown in figure 3.11 is used to personalize the icon and the input text in the panel style selected by the user.

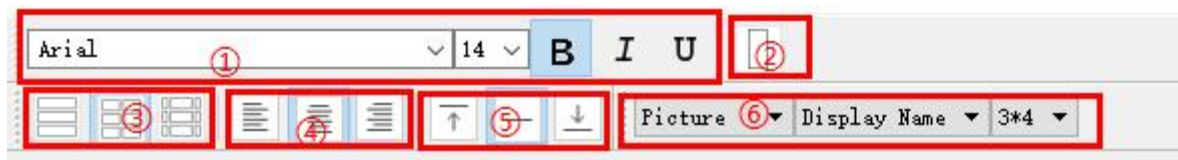


Figure 3.11 Edit the function bar.

ID 1: here is used to select the property settings of the input text, such as font, font size, bold, inclined, underlined;

ID 2: Label background color, such as white, black. Select the panel and click the label to modify it, as shown in the figure(1);

ID 3: This is used to select the layout of the label. The three layout effects are shown in Figure (2). Select the label, and then click the layout icon to modify it;

ID4: This is used here to set the horizontal alignment of the edit box. with the option of left, middle and right;

ID 5: This is used here to set the vertical alignment of the edit box. With upper, middle, and lower options.

**(Identity 4, 5 text and icon alignment operation: select panel to adjust global icon, select icon to adjust icon locally, select text box to adjust text locally)**

ID 6: used here to set the display mode on the label editing interface. There are pictures, solid lines, dotted lines and edges and corners can be selected, the name below the panel can be displayed or hidden, and the layout of the panel in the page can be selected 3\*4 or 4\*4.

**(4\*4) The display of the key part of the panel is superimposed. When you want to drag the panel, you need to select the white frame part of the panel to drag.**

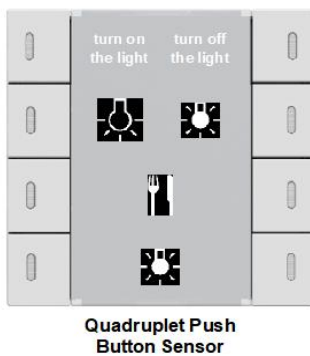


Figure (1)

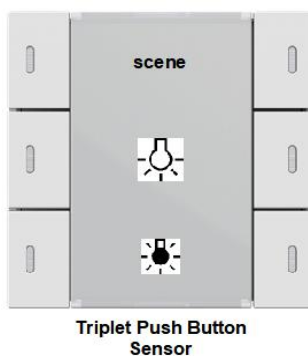


Figure (2)

## Chapter4 Operation Demonstration

This chapter mainly introduces the actual operation flow and matters needing attention of all the functions of the software.

### 4.1 Main Interface Editing

Operation:

#### 1. New construction

After starting the software, the default is the new project named "untitled.db", which can choose to open the project (see 3.1.1 [file]) or switch the language (see language switching) according to the needs of the user.

#### 2. Insert one push button sensor style

Click the key panel style you want to insert, and when the style is selected and click anywhere in the main interface, a panel style will be created at the main interface. Use the editing function bar to define the structure layout of the label according to the requirements.

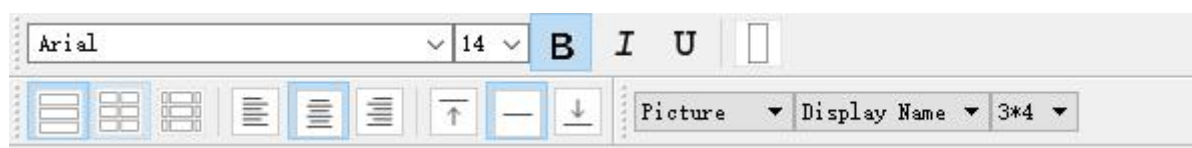


Figure 4.1 Edit function bar

#### 3. Add icons or text to the new style

In the icon selection interface, left-click to select the desired icon, and left-click on the main interface, then a corresponding icon appears on the main interface, and then drag the icon to the unit in the panel style that you want to place.

#### **4.Display debugging**

After completing the desired panel style, you can select the appropriate display mode in the toolbar according to the label printing effect.

#### **5.Save and print**

"Save" or "Save as" can be used to save the design project, and it can be converted to PDF for saving and printing output, and the printer can be directly connected to print out.