



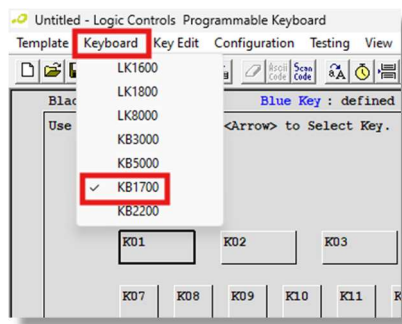
## Step-by-Step Guide KB1700 Programming

### Step1:

- Connect the KB1700 bump bar to the USB port on your computer.

### Step 2:

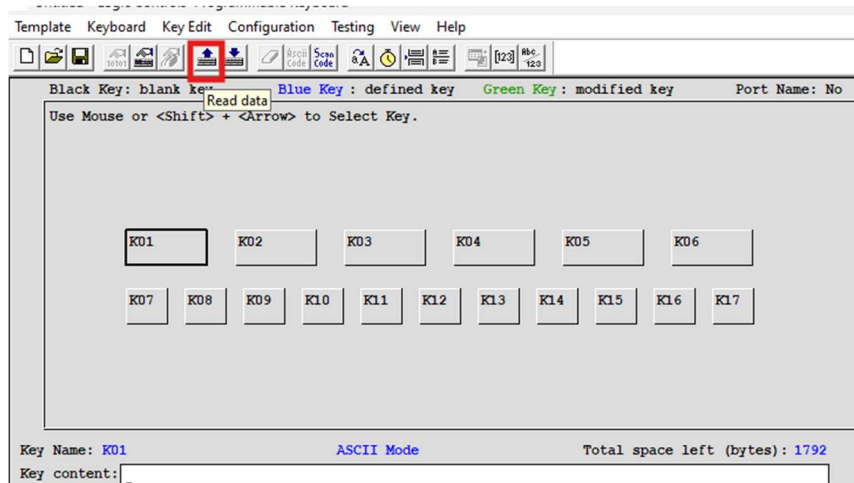
- Run the utility KBWN.EXE
- From the top menu, select “KEYBOARD”, then KB1700.



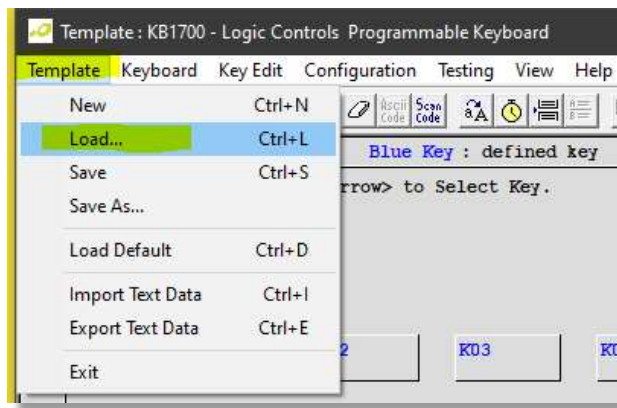
### Step 3:

#### Programing the Bumpbar:

- Select the “Read Data” button at the top of the interface. This will load the data currently programmed on the KB1700.



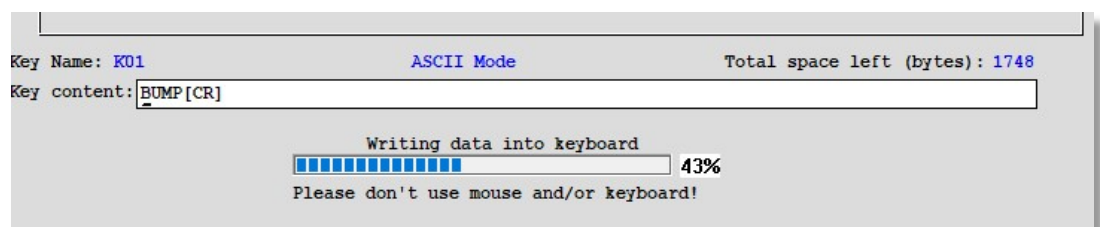
- From the top menu, select TEMPLATE > LOAD



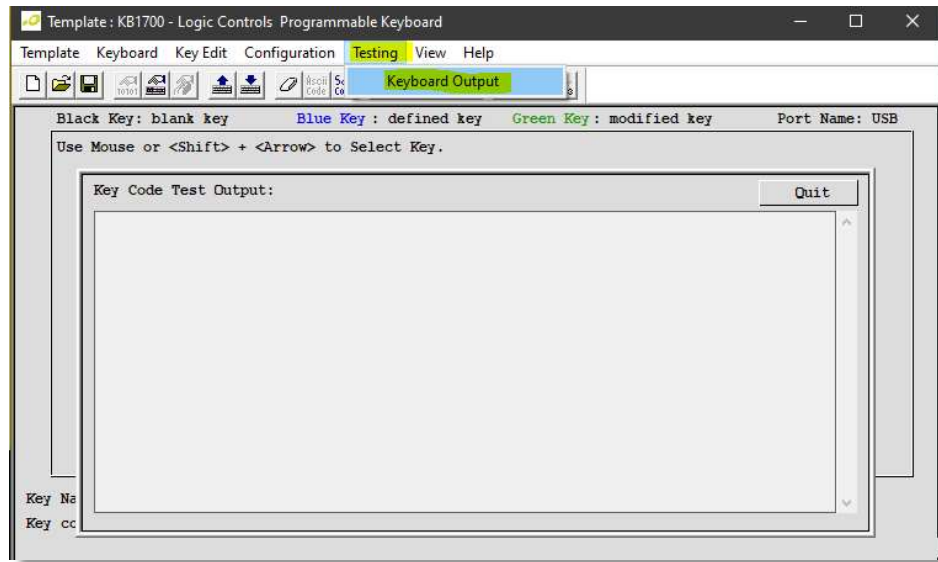
- Choose your .TPL file for the bump bar. The **KB1700.TPL** is the default setting for this bump bar. Choose an alternate custom template if you have one.

Name	Status	Date modified	Type
Ik8000.tpl	✓	1/2/2025 11:01 AM	TPL File
Ik1800.tpl	✓	1/2/2025 11:01 AM	TPL File
Ik1600.tpl	✓	1/2/2025 11:01 AM	TPL File
KB5000.TPL	✓	1/2/2025 11:01 AM	TPL File
KB3000.tpl	✓	1/2/2025 11:01 AM	TPL File
<b>KB1700.TPL</b>	✓	1/2/2025 11:01 AM	TPL File
IBM101.TPL	✓	1/2/2025 11:01 AM	TPL File

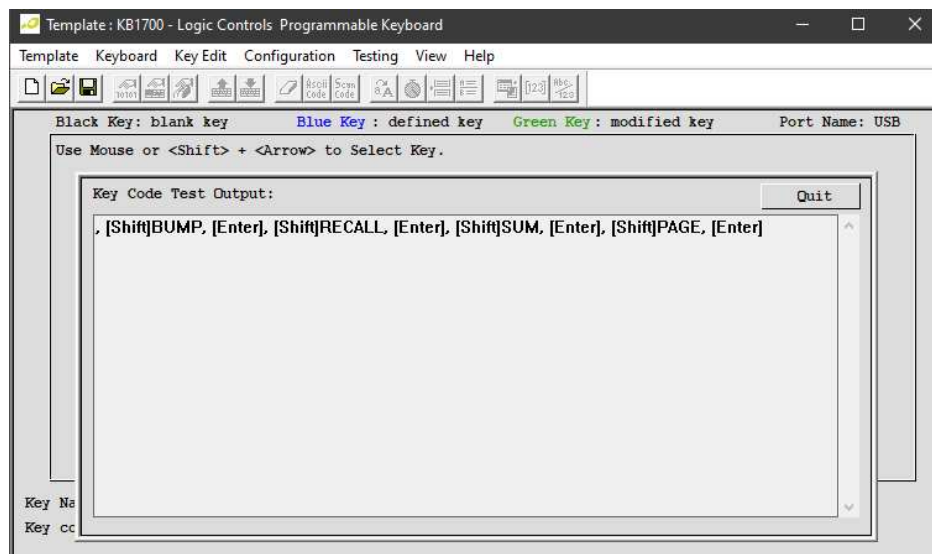
- From the Menu buttons, select the “**Write Data**” option and the .TPL template will be written to the device. The status will be displayed below.



- Once the data has been written to the Bumpbar you will need to test it to make sure that everything is working correctly.
- To test the Bumpbar, click on **TESTING> KEYBOARD OUTPUT** from the top menu. A small screen will pop up, click inside the box.



- Pressing the keys on the bump bar will display in the box with its assigned function.



- The bump bar is now programmed and can be disconnected from the PC and used with your Kitchen Display system. Additional technical settings can be done following the instructions in Appendix A.

# APPENDIX A

## MODIFYING PROPERTIES OF THE KEYBOARD

After key definitions are finished, click on the menu item Configuration→Config KB Properties on the menu bar or click on the “Modify Properties” icon on the toolbar to set or change programmable keyboard features.

### **Config OPOS/JPOS**

You may configure the keyboard according to which standard, OPOS/JPOS, your POS application is running.

### **Send break-code for scan-code mode key**

Enables the transmission of break codes for each scan codes programmed into the keyboard. A break code is a code that is sent to tell the PC that the key is being released.

### **Enable beep when a key typed**

Enables the entire keyboard from beeping when any key is depressed.

### **No beeping if a key is not defined**

If a key has no definition, it will not beep when depressed.

### **Translate code set #2 for PC/AT**

Enables the output of the keyboard to be translated into AT scan code.

### **Use <ALT> +number key to make ASCII code**

Enables the use of ALT key along with the numeric keypad to generate codes for definitions programmed in ASCII mode. This will allow output of ASCII characters in the specified upper or lower case independent of the Caps Lock status and Shift key status.

### **Enable typematic for scan code**

Enables keys programmed with scan code mode to repeat key outputs as long as the key remains depressed.

### **Enable typematic for ASCII code**

Enables keys programmed with ASCII code mode to repeat character output as long as the key remains depressed.

### **Inter-character delay (ms)**

The time delay between characters can be adjusted from 1 millisecond to 250 milliseconds. This delay is set for all keystrokes or characters programmed into the keyboard. This feature should not be confused with the Interstring Delay feature.

*Note: Some of the above properties require the keyboard to be reset to take effect. So, after downloading the template into the keyboard, it is necessary to unplug the keyboard and plug in again to reset it.*