

LABEL TEMPLATE CUSTOMIZATION

Requirements

The user must have an account enabled to access the AlfaAdmin software. The labeler device must be configured and running.

Label hexadecimal template

The layout and content of the label is written using hexadecimal characters and some parameters passed directly through the software (these parameters are contained in double curly brackets. For no reason should this data be changed manually).

It is important to remember:

1. it is possible to write only 24 characters in a single line (fundamental information when you want to add a custom phrase inside the label)
2. If the barcode is also to be printed, up to 7 sentences can be printed on the label; otherwise, if it is not necessary to print the barcode on the label, up to 8 sentences can be printed.
3. Taking into account point 2, further sentences may be inserted between lines 10 and 15 inclusive. The range of rows varies depending on the preconfigured template. The values listed above (10 and 15) refer to the following two examples

Example label hexadecimal template: without barcode

Below is an example of a code for producing a **label without barcode**.

Row 1	10 05 02
Row 2	1B 4C
Row 3	1B 40
Row 4	1B 63 30 01
Row 5	1B 63 50 30 01
Row 6	18
Row 7	1B 74 10
Row 8	1B 54 02
Row 9	1B 57 70 00 00 00 70 01 00 01
Row 10	1B 5C 10 00 47 6c 69 64 64 65 6e 20 43 6f 6e 74 69 67 6f 20 53 69 65 6d 70 72 65 0d 0A 0A
Row 11	1B 5C 10 00 {{ datetime }} 0A 0A
Row 12	1B 5C 10 00 46 6F 72 6D 75 6C 61 3A 20 {{ code }} 0A
Row 13	1B 5C 10 00 {{ description }} 0A 0A
Row 14	1B 5C 10 00 76 6F 6C 2E 20 31 30 30 2E 30 30 20 63 63 0A 0A
Row 15	1B 5C 10 00 {{ notes }} 0A
Row 16	1D 5C 40 00
Row 17	1D 68 40
Row 18	0A
Row 19	0C

LABEL TEMPLATE CUSTOMIZATION

The output of the above example code is

row n°10	<u>Glidden Contigo Siempre</u>
row n°11	lun 19 nov 2018 05:43
row n°12	<u>Formula: #####</u>
row n°13	Krokodilstranen
row n°14	<u>vol. 100,00 cc</u>

Underlined characters in gray are **unbridgeable** characters: many of these characters contain the label layout information or some information from the software. The yellow underlined characters can be modified according to your needs.

Example label hexadecimal template: with barcode

Below is an example of a code for producing a **label with barcode**.

Row 1	<u>10 05 02</u>
Row 2	<u>1B 4C</u>
Row 3	<u>1B 40</u>
Row 4	<u>1B 63 30 01</u>
Row 5	<u>1B 63 50 30 01</u>
Row 6	<u>18</u>
Row 7	<u>1B 74 10</u>
Row 8	<u>1B 54 02</u>
Row 9	<u>1B 57 70 00 00 00 70 01 00 01</u>
Row 10	<u>1B 5C 10 00</u> <u>41 4C 46 41 20 53 48 4F 57 52 4F 4F 4D</u> <u>0A</u>
Row 11	<u>1B 5C 10 00</u> <u>{{ datetime }}</u> <u>0A 0A</u>
Row 12	<u>1B 5C 10 00</u> <u>46 6F 72 6D 75 6C 61 3A</u> <u>20</u> <u>{{ code }}</u> <u>0A</u>
Row 13	<u>1B 5C 10 00</u> <u>{{ description }}</u> <u>0A</u>
Row 14	<u>1B 5C 10 00</u> <u>76 6F 6C 2E 20 31 30 30 2E 30 30 20 63 63</u> <u>00 0A</u>
Row 15	<u>1B 5C 10 00</u> <u>1D 68 35 1D 6B 02</u> <u>31 32 33 34 35 36 37 38 39 31 32 33 34</u> <u>00 0A</u>
Row 16	<u>1D 5C 40 00</u>
Row 17	<u>1D 68 40</u>
Row 18	<u>0A</u>
Row 19	<u>0C</u>

LABEL TEMPLATE CUSTOMIZATION

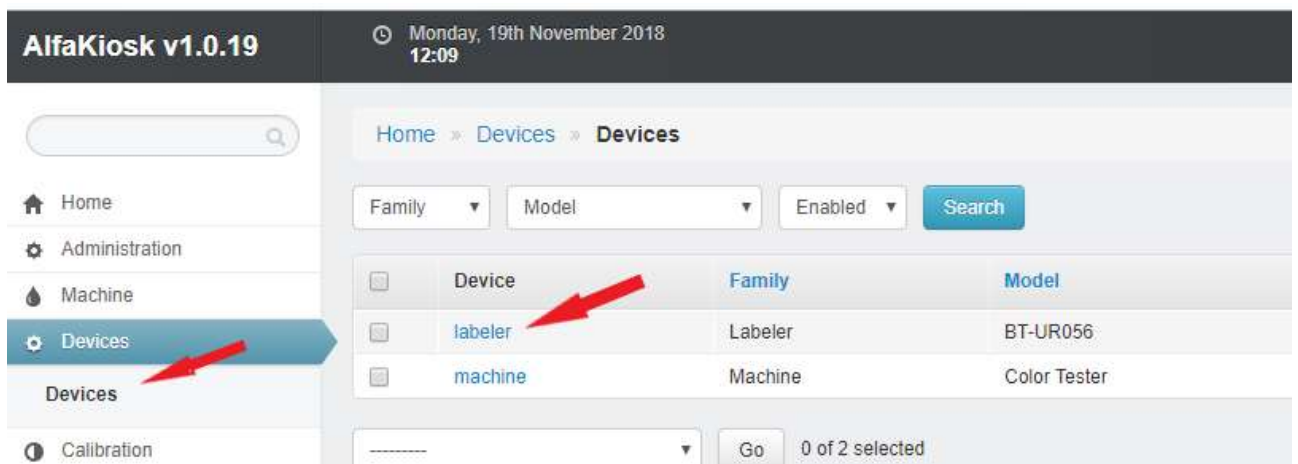
The output of the above example code is

row n°10	ALFASHOWROOM
row n°11	Mon 19 Nov 14:27
row n°12	Formula: ####
row n°13	Krokodilstranen
row n°14	vol. 100,00 cc
row n°15	

Underlined characters in gray are **unbridgeable** characters: many of these characters contain the label layout information or some information from the software. The yellow underlined characters can be modified according to your needs.

Description

To access the label customization section, you need to access AlfaAdmin. Then you have to select, from the list of items on the left, the item '**Devices**' and finally click on the device '**labeler**'.



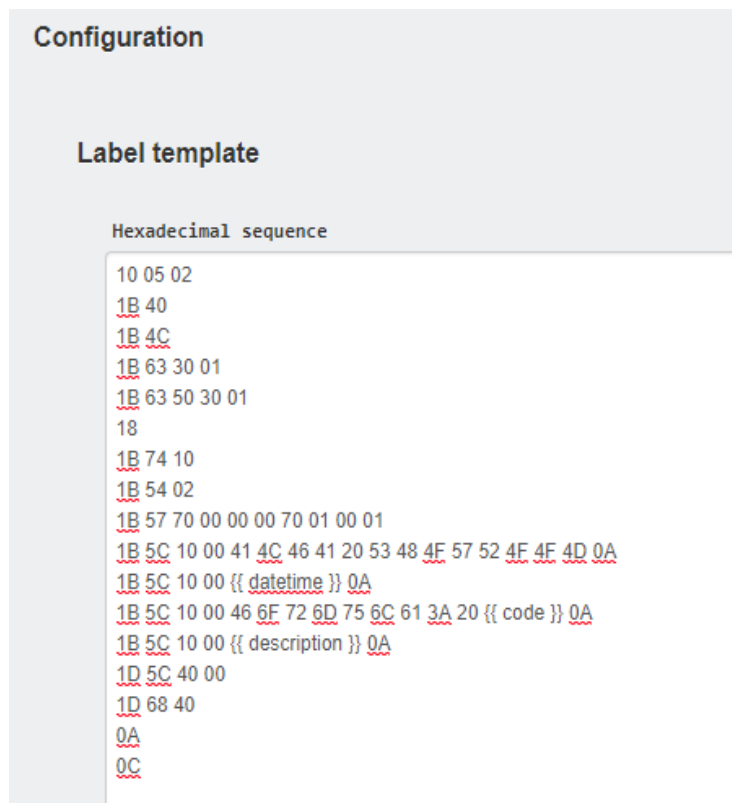
The screenshot shows the AlfaKiosk v1.0.19 interface. The top bar displays the version and the date/time: Monday, 19th November 2018, 12:09. The left sidebar contains navigation options: Home, Administration, Machine, **Devices** (highlighted with a red arrow), and Calibration. The main content area shows the 'Devices' section with a breadcrumb 'Home > Devices > Devices'. Below the breadcrumb are filters for Family, Model, and Enabled, along with a Search button. A table lists the devices:

Device	Family	Model
<input type="checkbox"/> <u>labeler</u> (red arrow)	Labeler	BT-UR056
<input type="checkbox"/> machine	Machine	Color Tester

At the bottom of the table, there is a 'Go' button and a status indicator '0 of 2 selected'.

The page containing all the details about the labeler will open. To modify the labeler template you need to search for the textarea *Hexadecimal sequence*.

LABEL TEMPLATE CUSTOMIZATION



If you want to **add a new sentence**, you must first find an editor (maybe even online) to translate ascii characters into hexadecimal characters (for example you could use this site: [ascii-to-hex](http://www.asciitohex.com/)). **Be careful: the starting sentence must not contain more than 24 characters!**

Once you have obtained the sentence converted to hexadecimal, you must insert it in the textarea.

If you want to add a simple new sentence, you must enter it:

- **1B 5C 10 00** (mandatory characters for the template and for the beginning of the sentence)
- **Sentence converted to hexadecimal**
- **0A** (mandatory character for end of sentence)

If you want to insert the phrase "**this is a test**" in the textarea above, once you have converted the phrase from ascii to hexadecimal, you should insert the following sequence of hexadecimal characters between line 10 and line 13:

```
1B 5C 10 00 74 68 69 73 20 69 73 20 61 20 74 65 73 74 0A
```

For more details, we recommend you to consult the *section* [Label hexadecimal template: without barcode](#).

LABEL TEMPLATE CUSTOMIZATION

If you want to **add a new barcode**, you must convert the **linear barcode ean13** to hexadecimal (if necessary, contact your IT administrator).

Once converted the barcode to hexadecimal, you must insert it in the textarea.

If you want to add a new **linear barcode ean13**, you must enter it:

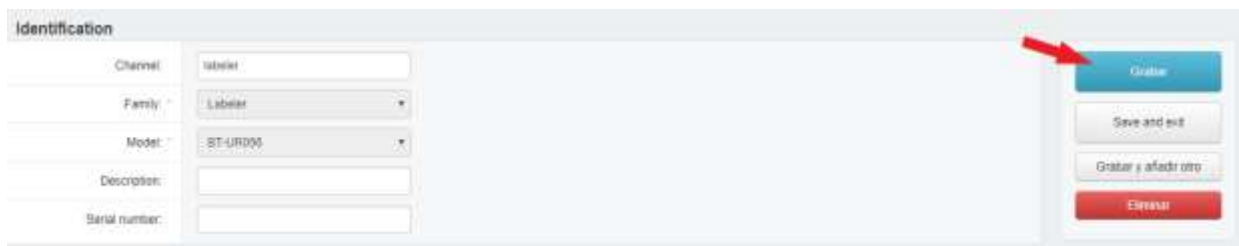
- **1B 5C 10 00 1D 68 35 1D 6B 02** (mandatory characters for the template and for the settings of the linear barcode)
- **Linear barcode ean13 converted to hexadecimal**
- **0A** (mandatory character for end of line)

If you want to insert a linear barcode ean13 in the textarea above, once you have converted it to hexadecimal, you should insert the following sequence of hexadecimal characters between line 10 and line 13:

1B 5C 10 00 1D 68 35 1D 6B 02 **HEX LINEAR BARCODE** **0A**

For more details, we recommend you to consult the *section* [Label hexadecimal template: with barcode](#).

Once you have finished entering a barcode or a new phrase, you must save the new label. To do this, click on the Save button.



The image shows a web interface for label identification. On the left, there is a form titled 'Identification' with the following fields: 'Channel' (text input with 'labeler'), 'Family' (dropdown menu with 'Labeler'), 'Model' (dropdown menu with 'BT-LR000'), 'Description' (text input), and 'Serial number' (text input). On the right side of the form, there is a vertical stack of four buttons: 'Grabar' (blue), 'Save and exit' (grey), 'Grabar y añadir otro' (grey), and 'Eliminar' (red). A red arrow points to the 'Grabar' button.

LABEL TEMPLATE CUSTOMIZATION

AlfaKiosk v1.0.23 | Wednesday, 30 April 2020 09:41 | Welcome, alfakiosk | Change password | Logout

Home -> Devices -> Devices -> labeler

Identification

Name:	labeler
Family:	Labeler
Model:	BT16050
Description:	
Serial number:	

Parameters

Enabled:	<input checked="" type="checkbox"/>
Port:	COM1
Poll interval:	1000

[Status \(3/30\)](#)

Configuration

Label template

Reset label sequence

13:01:02
13:40

Labeler

STANDBY

- Refresh
- Initiator
- Reset
- Label
- Refresh
- Feed

Buttons: Save, Save and add another, Delete

Make an impression to see the changes on the label.