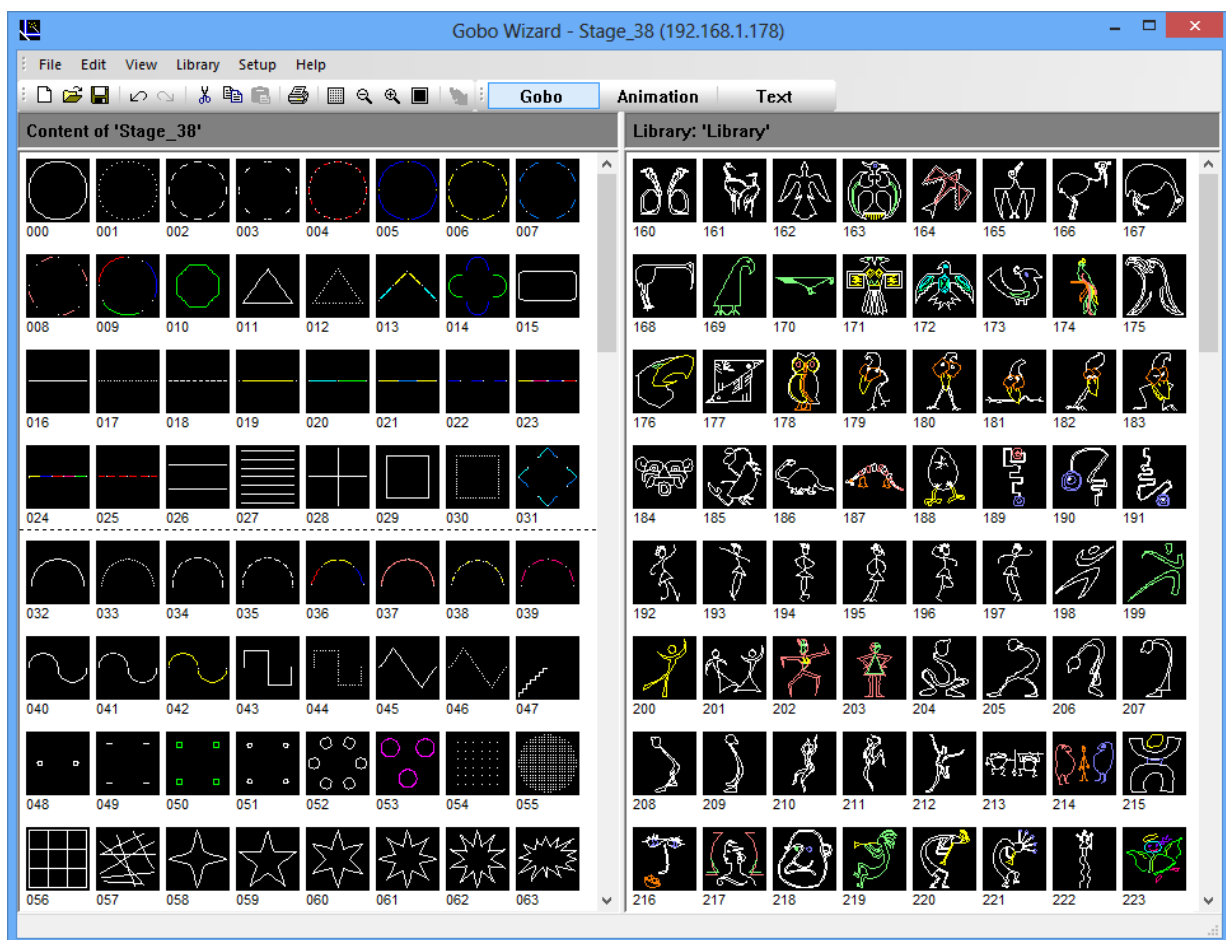


Gobo Wizard



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1 Overview

The program "Gobo Wizard" offers a simple way to manage and replace gobos and animations on different kinds of devices, for example BLITZ Stage, PHAENON Stage or Lasergraph DSP running DeeMagiX. The content is handled by windows-like drag & drop actions. The Gobo Wizard lets you create individual contents for each show or libraries for different themes.

The software works also in an offline mode. That means you can create the content for your show in the office and transfer it later.

Additionally the Gobo Wizard allows you to setup your device and prepare running texts.

The software Gobo Wizard is contained on the USB stick which is delivered with the device or can be downloaded from the LaserAnimation homepage free of charge.

Gobo Wizard runs on a PC under Windows® XP/7/8.1/10.

After executing the installer of Gobo Wizard you will find an icon in the start menu and on the desktop.

The following terms are used:

- "Gobo" is a still image
- "Animation" consists of a frame by frame animation
- "Content" are gobos and animations in the connected device
- "Library" contains gobos and animations on the PC
- "Text" is a running text in the connected device

2 Setting up a PC for Network Operation

In order to use this software the device to be controlled and the PC have to be connected via network. For operation in a network the device has a preset IP address which can be found on the included device card.

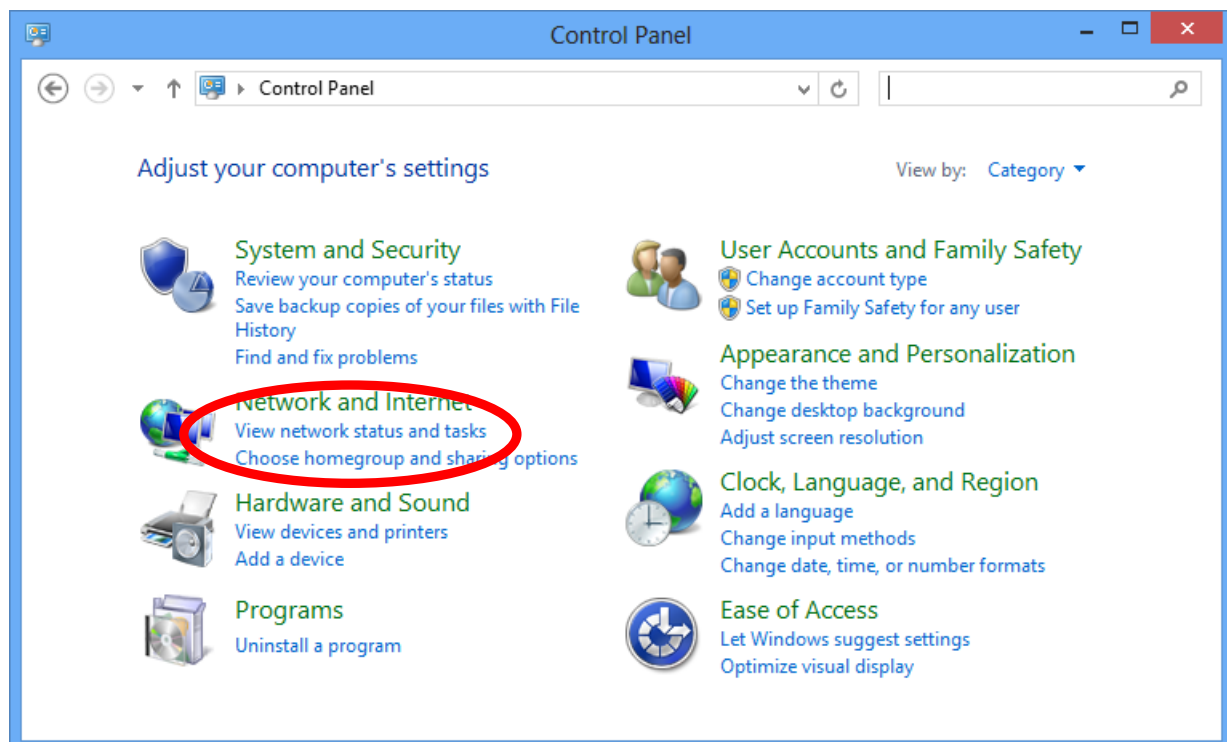
In the following cases your network has to be adapted:

- Another device in your network has the same IP address as the device to be controlled.
- A DHCP server is using the IP address range which contains the IP address of the device to be controlled.
- The subnet mask of your network is different from the subnet mask used by the device to be controlled.

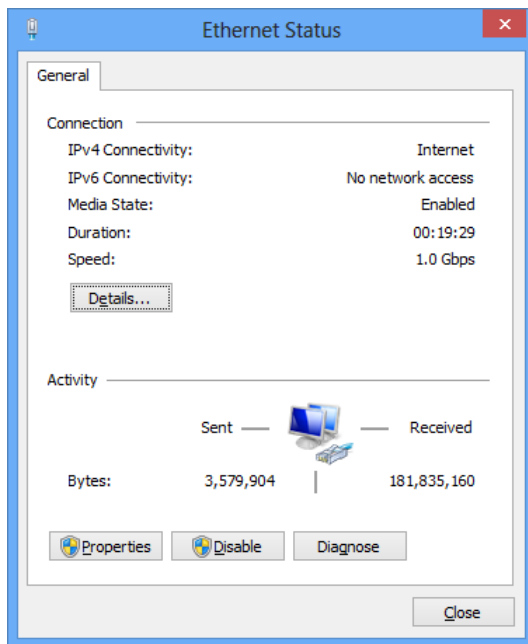
2.1 Windows 7/8.1

The following description refers to setting up a network under Windows® 8.1.
For Windows® 7 the setup is similar.

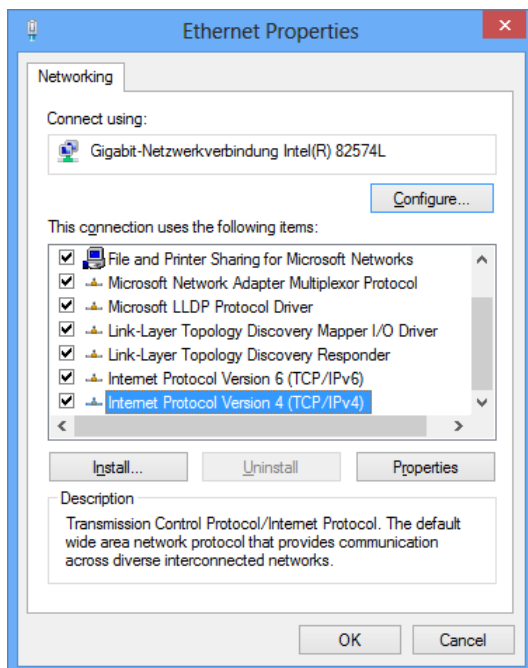
Open the *Control Panel* and select *View network status and tasks*.



Choose *Change adapter settings* and double click the appropriate adapter to open its status:



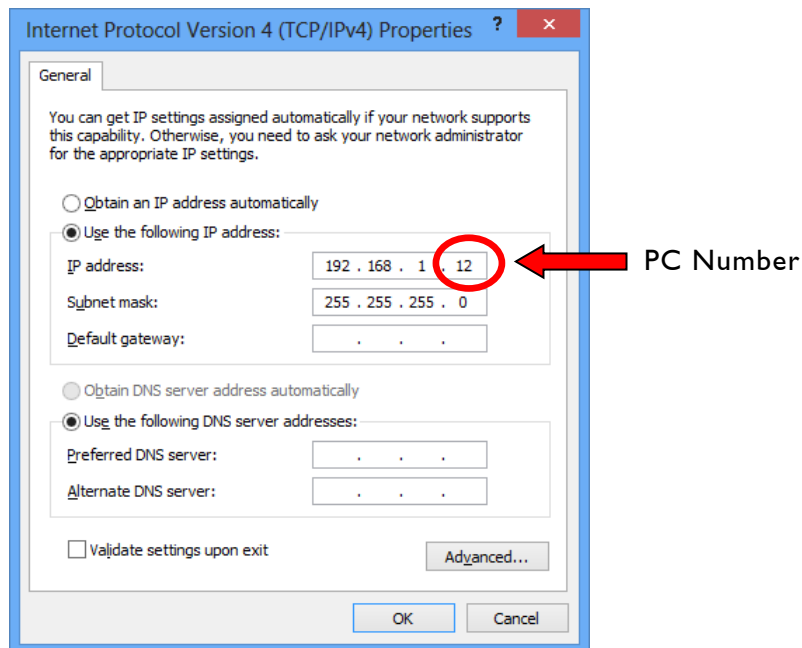
Choose *Properties* to reach the following window:



Activate the checkboxes for

- ✓ *Client for Microsoft-Networks*
- ✓ *File and Printer Sharing for Microsoft Networks*
- ✓ *Internet Protocol Version 4 (TCP/IPv4).*

To specify the IP address mark *Internet Protocol Version 4 (TCP/IPv4)* and click *Properties* to open the following window:

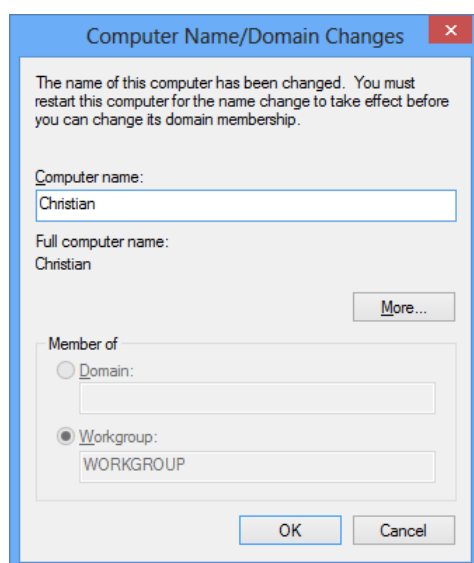


Here you can enter the *IP address* and the *Subnet mask*.

If you are adding your PC to an existing network, enter the first three values so they are identical to those on the other computers in the network.

Leave all other settings as they are and click *OK*.

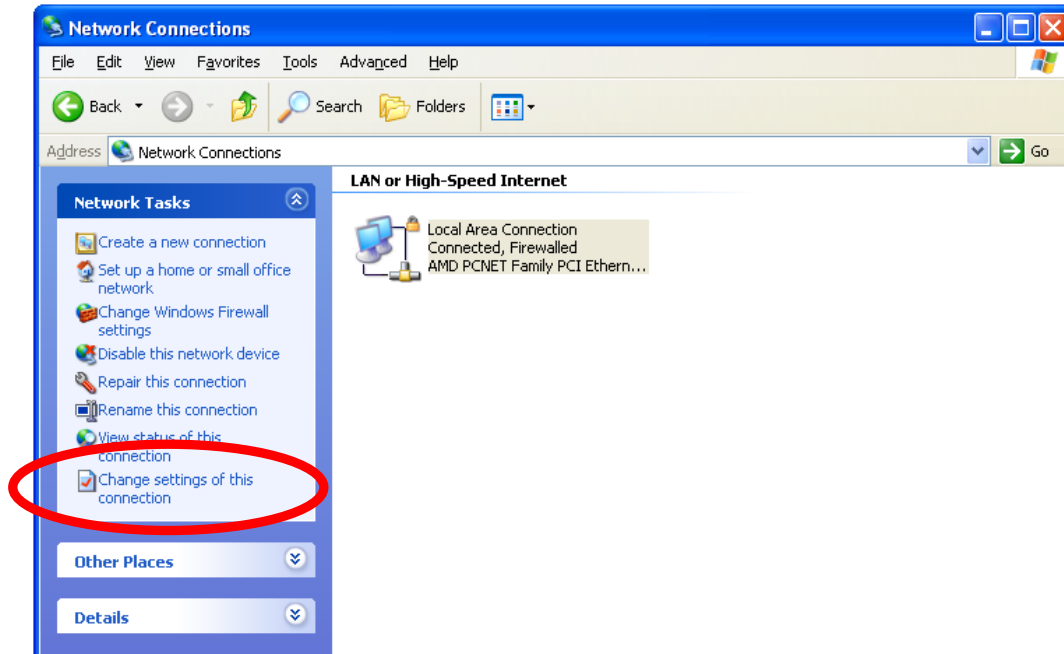
For the identification of the PC in the network change back to your *Control Panel*, select *System and Security* -> *System* -> *Advanced system settings* (left column) to open the *System Properties* Window. Select the tab *Computer Name* and click *Change*.



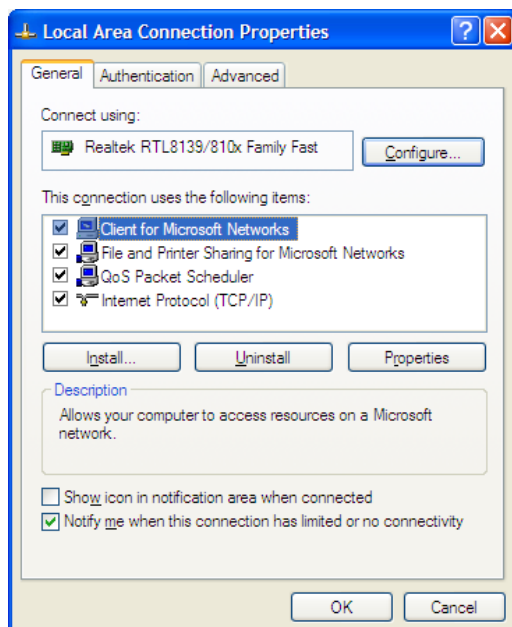
Enter a computer name to identify the PC in the network.

2.2 Windows XP

1. Open the *Control Panel* and select *Network Connections*. For configuration activate *Network Tasks* and select *Local Area Connection*. Then select *Change settings of this connection* from the *Network Tasks*:

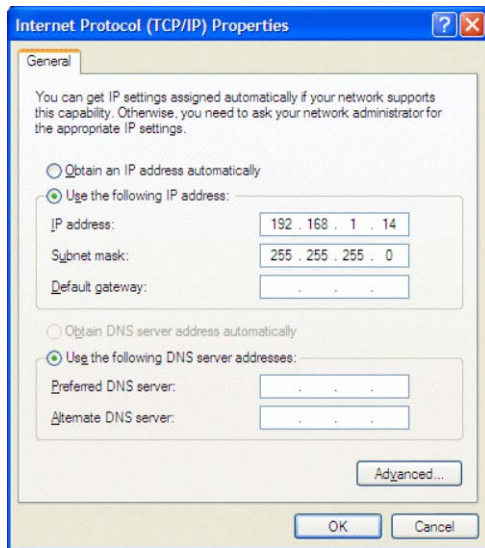


2. The window *Local Area Connection Properties* opens:



Mark the item *Internet Protocol (TCP/IP)* and click *Properties*.

The *Internet Protocol (TCP/IP) Properties* opens:



Here you can enter the *IP address* and the *Subnet mask*.

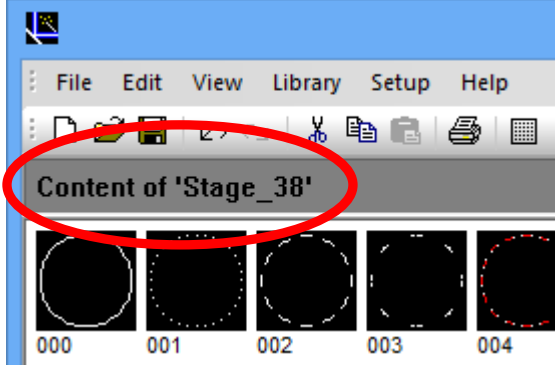
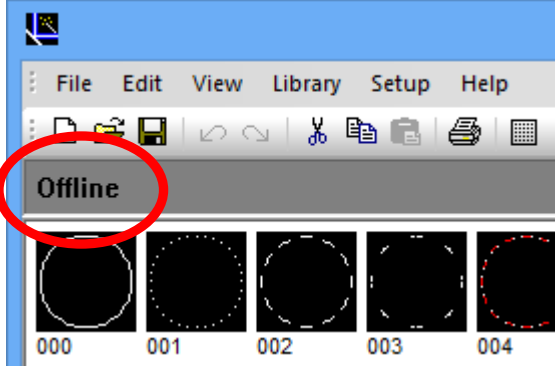
If you are adding your PC to an existing network, enter the first three values so they are identical to those on the other computers in the network.

Confirm the settings with *OK*.

3 Communication with the Device

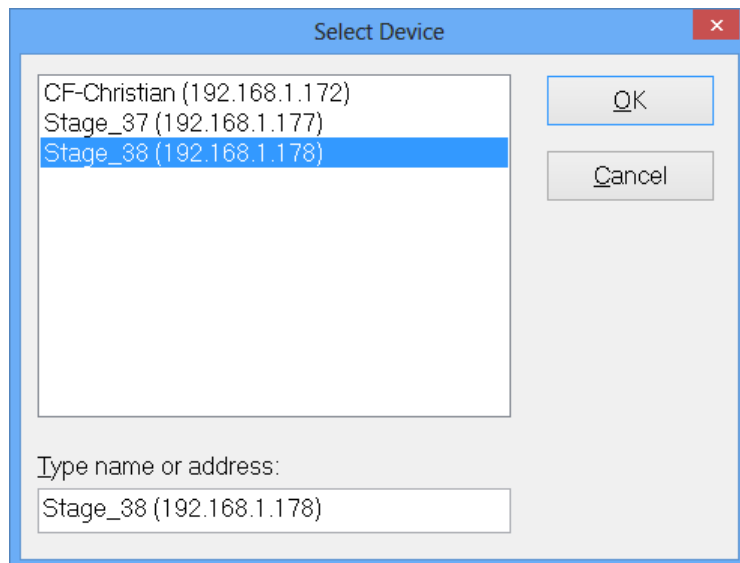
3.1 Operating Modes

The Gobo Wizard has these two operating modes:

Mode	Description	Identification
Online	<p>General operation mode.</p> <p>The content of the device will be displayed in Gobo Wizard. Any actions, e.g. copy and paste of objects, are executed in the device directly. Editing of running text is possible. Configurations can be set up.</p>	
Offline	<p>No connection to a device. Show content can be prepared.</p>	

3.2 Program Start

After the program is started the following window will appear listing all devices found in this network with their names and IP addresses.

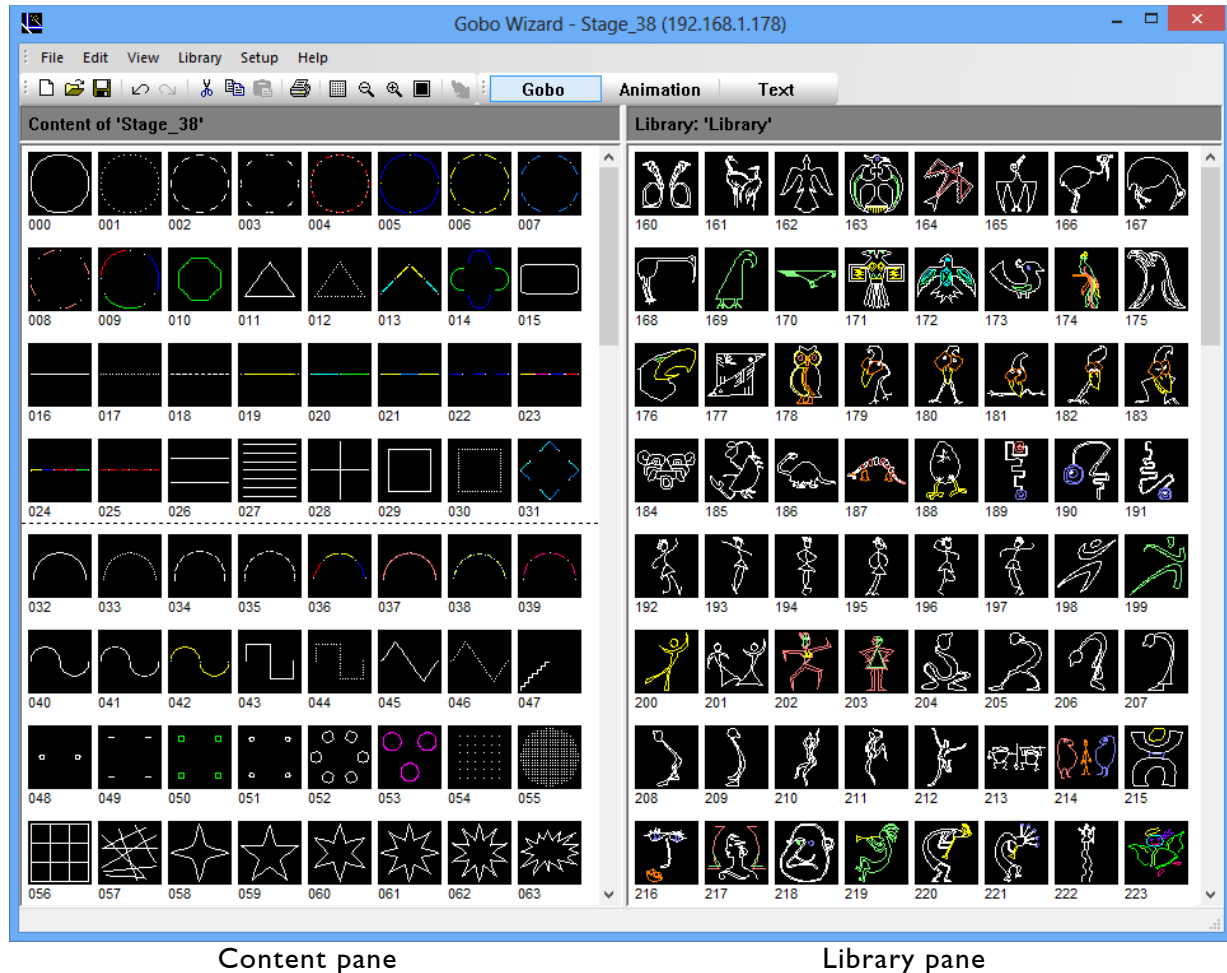


Gobos and animations stored on the selected device will be imported after selecting a device. The import process will be displayed.



4 Main Window

After the import is complete the left pane will show the content of the connected device and the right pane will show the content of a Library, if one is loaded:



Content pane

Library pane

4.1 Organize Content

The content in the connected device is organized by drag & drop. There are 256 slots for gobos and 32 slots for animations in the content pane. They appear black if they are empty. To exchange two objects click on the first object and hold the left mouse key down. Then move it to the new slot and release the mouse key. The objects have swapped their slots now.

If you press the key <CTRL> during a drag & drop operation in the content the first object will be copied to the new slot. The overwritten object will be deleted. But don't panic, there is an UNDO.

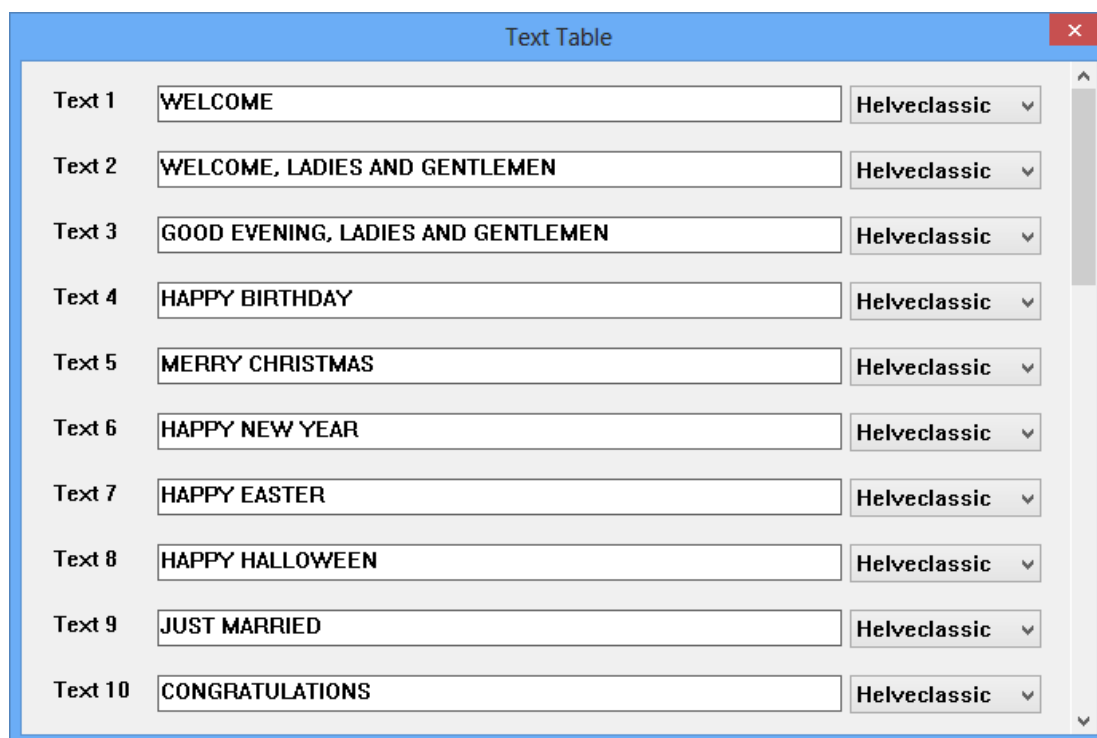
4.2 Working with the Library

Another way to organize content in your device is to work with the Library pane. Objects will be handled there similar to the content pane, but the number of objects is not limited.

With a Library you can share gobos and animations with other users or create themed collections of gobos and animations.

4.3 Edit texts

The button *Text* in the toolbar opens the Text Table window. To do this you have to connect to a device, otherwise the button *Text* is disabled.



In the Text Table window you can edit all of the 32 texts from the connected device. All of them are listed. A text string can consist of 256 characters. The edited texts are stored in the device immediately. They will be stored permanently after any changes.

Next to the text edit box, the font is displayed and can be changed by opening and selecting from the drop down menu. 39 fonts are available. The text in the edit field will not be displayed in the selected font style but in the connected device every font change will be effective immediately.

5 Tool Bar

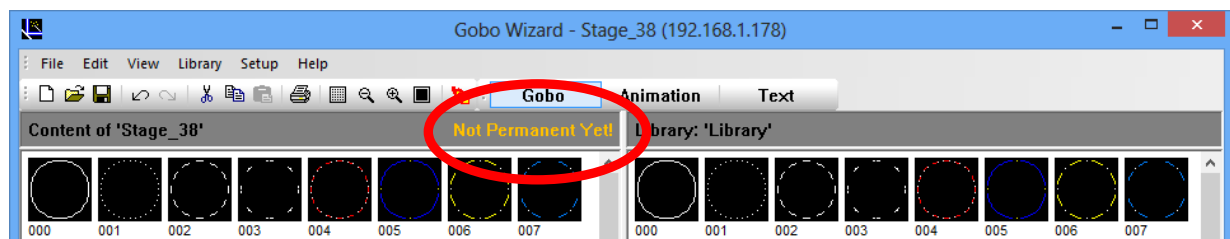
In the icon bar you can select whether to display gobos or animations or whether to enter or edit a text.




The display of the gobos and animations can be increased or reduced in size using the magnifying glass icons or the icons to the right and left of them. The icons beside the magnifying glasses represent the largest possible resp. smallest possible size for one individual object (gobo or animation).

Note:

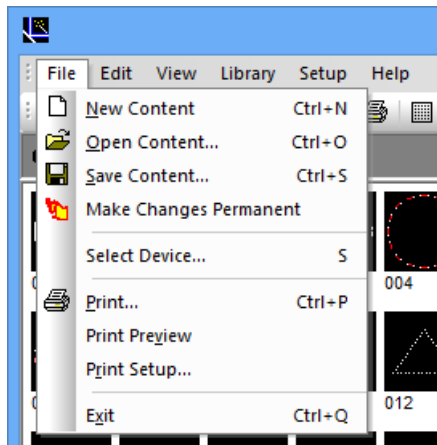
Changes within the content will be executed immediately but not saved!



With the Burn-Icon  any changes will be saved permanently to the connected device.

6 Menu Bar

6.1 File



In the first section of the menu *File* content files will be loaded and stored on the hard disk.

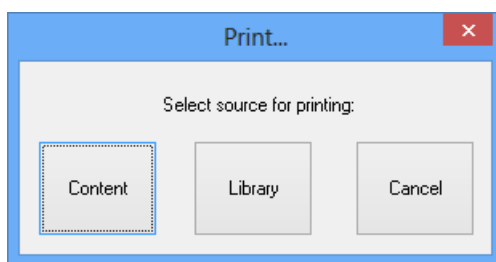
New Content clears all gobos and animations from content. The objects in the connected device will also be cleared immediately. All gobos and animations will then be blank.

With *Open Content* you can load a content file from your PC into the connected device. This function allows you to synchronize several devices.

The menu item *Make Changes Permanent* will save the content on the connected device permanently.

The menu item *Select Device* opens the dialog box to select a device.

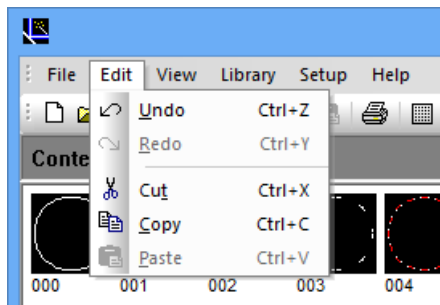
After selecting *Print* a dialog box will open. After defining a print source the current page will be printed, e.g. animations will be printed if the animation page is active.



The print source is selected in this dialog. The button *Content* prints the content of the current connected device. If there is no device connected, the current loaded content will be printed. The button *Library* prints the current output of a loaded library.

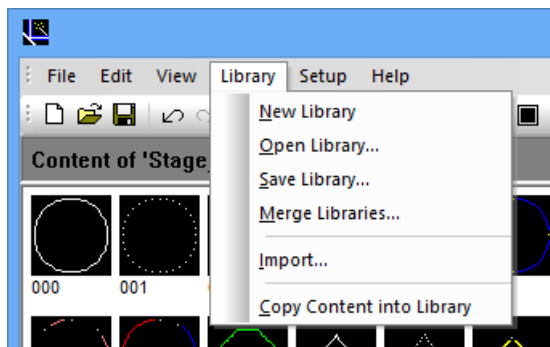
The menu item *Exit* closes the application Gobo Wizard. Make sure that you save any changes before leaving the application.

6.2 Edit



The most frequently used tools are accessible by shortcuts or through the menu *Edit*. They are also available in the toolbar.

6.3 Library



The menu *Library* is used to manage gobos and animations on the PC.

New Library starts a new Library (empty right hand side). You can simply drag and drop gobos or animations from the left hand window (content of the connected device) to the right hand side.

Save Library saves the Library and with *Open Library* you can open an existing Library.

With *Merge Libraries* you can combine different libraries. Just open Library A with *Open Library*, then click on *Merge Libraries* and load Library B.

You can also use *Import* to load new pictures as gobos, animations and ILDA files into the Library. Supported file formats are:

- *.PIC Lasergraph DSP Picture
- *.ANI Lasergraph DSP Animation (Note: Pictures of Animations must be located in the same directory as the animation file)
- *.ILDA, *.ILD ILDA files (ILDA Image Data Transfer Format)

Menu item *Copy Content into Library* copies all gobos and animations from your connected device or offline content into the library. This function will delete the existing objects in the library.

NOTES:

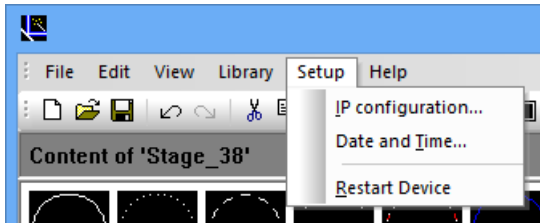
- Gobo Wizard does not support ILDA files containing more than 10,000 frames! The animations you want to load should not contain more than 1000 individual pictures so the upload/download time does not get too long.
- With Lasergraph DSP Animation files make sure that the catalog and the animation are stored in the same directory!
- Protected Lasergraph DSP and ILDA files cannot be copied into the Library or transferred from or to the connected device.

Copyright Declaration:

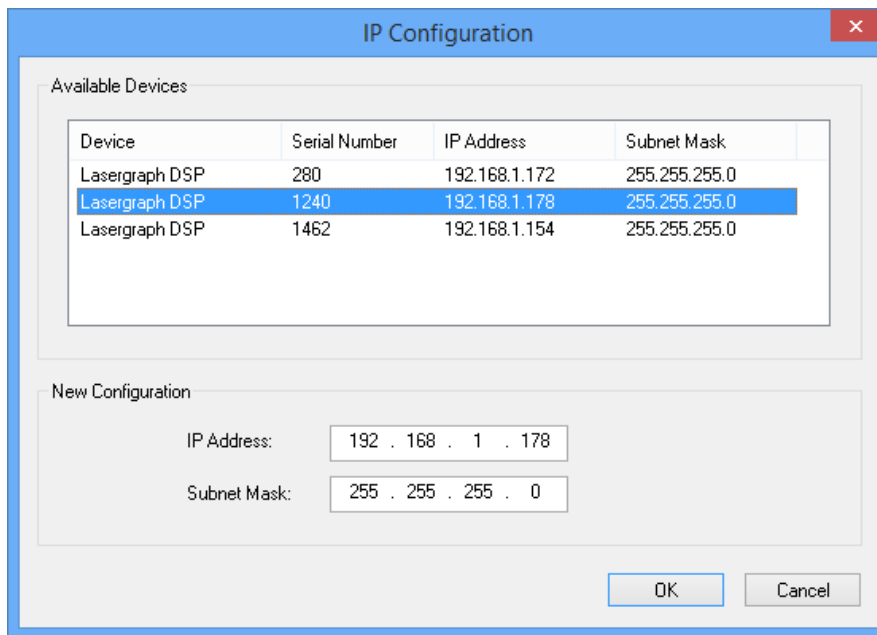
Take into account the rights of the creator and/or owner of the rights of the pictures, gobos and animations.

In case copyrights are disregarded LaserAnimation SOLLINGER GmbH revokes all your rights to use the Gobo Wizard software.

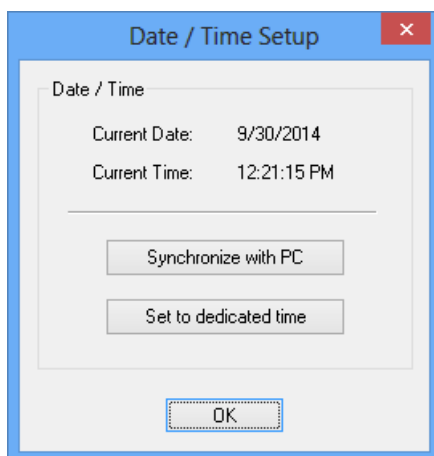
6.4 Setup



IP Configuration allows you to change the IP address and the subnet mask of a device:



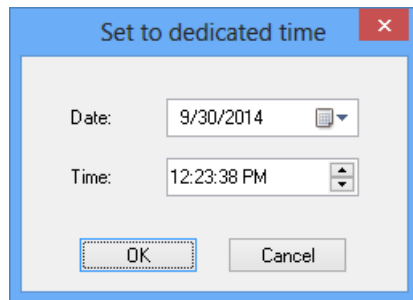
Date and Time opens the *Date / Time Setup*:



The window displays the current *Date* and *Time* of the connected device.

Using the button *Synchronize with PC* sets the date and the time according to the PC clock.

Set to dedicated time opens a further window where you can adjust *Date* and *Time* manually.



The menu item *Restart Device* restarts the connected device.

6.5 About

The dialog box contains the following information:



Connected Device	Name and IP address
Controller Serial Number	Serial number of the Lasergraph DSP
System Software	Date of the system software of the Lasergraph DSP
DeeMagiX Version	Version of installed DeeMagiX software

7 Shortcuts

Shortcut	Function
CTRL + N	Create a new, empty content
CTRL + O	Open and load an existing content file
CTRL + S	Save current content
CTRL + P	Print the current content or library
DEL	Delete selected object
CTRL + C CTRL + INS	Copy the selection and put it on the clipboard
CTRL + V SHIFT + INS INS	Insert clipboard contents
CTRL + X	Cut the selection and put it on the clipboard
CTRL + Z	Undo the last action
CTRL + Y	Redo the last action
CTRL + G	View gobo page
CTRL + A	View animation page
CTRL + T	Show text table
S	Select a device from the network
Cursor Left	Select object to the left
Cursor Right	Select object to the right
Cursor Up	Select object above
Cursor Down	Select object below
PgUP	Select object on prior page
PgDown	Select object on next page
Home	Select first object
End	Select last object
TAB	Change selection between content and library
- (Num)	Reduce object size
+ (Num)	Increase object size
Ctrl + Q	Quit Gobo Wizard

8 Release Notes

Version 2019/09/05

- The menu item "IP Configuration" can now also be used to configure Lasers, AVB interfaces and other devices.

Version 2014/09/30

- All occurrences of "Accurate BLITZ Stage" have been changed to "device" to take into account that different kinds of devices can be controlled by the Gobo Wizard.
- The new menu item "IP configuration" has been added to set up the IP address and subnet mask of a device.
- The menu items "Update System Software" and "Reset to Factory State" have been removed.

Version 2014/04/08

- New installer solves compatibility issues with the 64-bit editions of Windows®.

Version 2009/06/17

- Support for Windows® Vista.
- Internal changes.