User Interface Manual
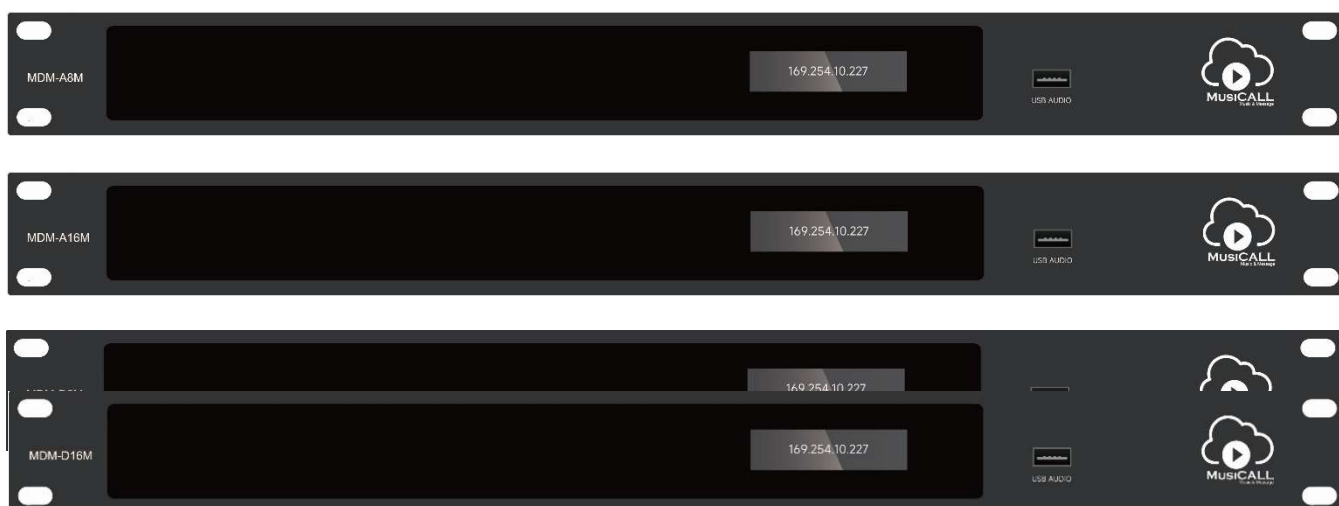

MDM-A8M	8x8 channel matrix
MDM-A16M	16x16 channel matrix
MDM-D8M	8x8 channel matrix with 8x8 Dante® channels
MDM-D16M	16x16 channel matrix with 16x16 Dante® channels

User interface operation guide

Dsp Control provides a custom user interface, which allows engineers to create custom interfaces that can be edited by integrators and operated by on-site technicians or end users who do not understand the technology. Advanced security features allow end users to access only the controls allowed by engineering or system designers. It supports wireless remote control of IPAD, tablet and mobile phone, and can run in Windows, Android and iOS systems.

Step 1.

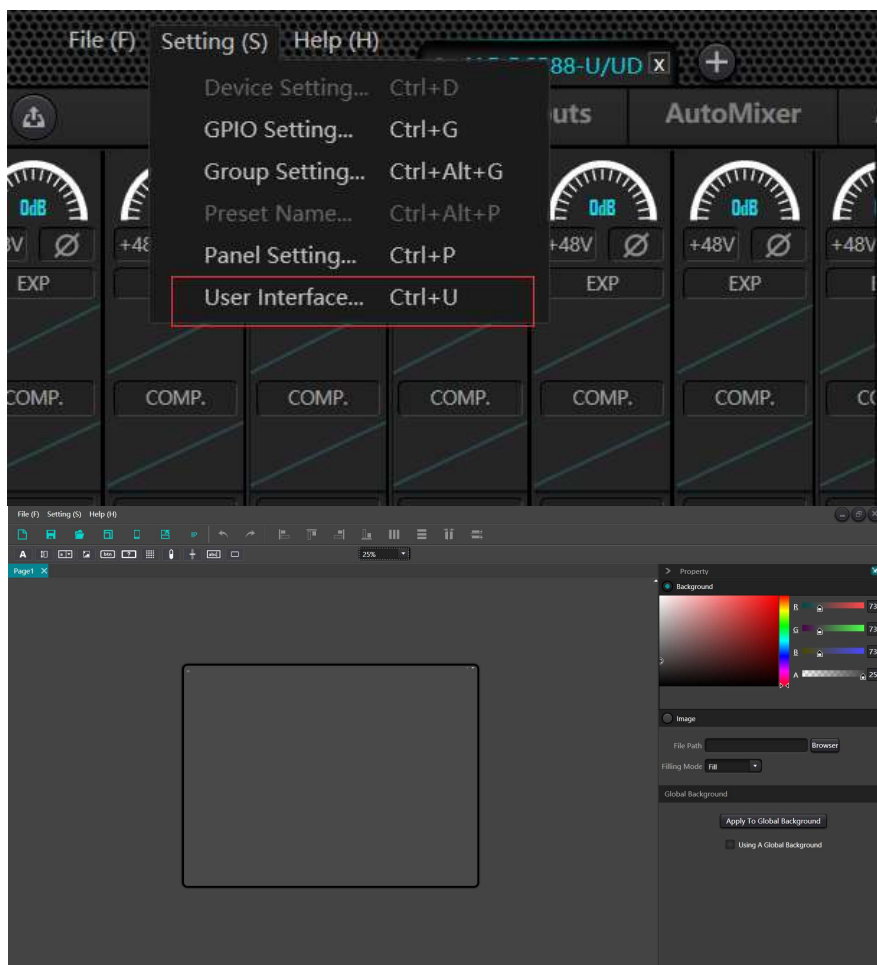**App download**

    iOS: search for the application dsppro v2 in the App Store and install.

    Android apk: Go to https://www.pgyer.com/android_dsppro_v2 (password: 1234 and install.

    It should be noted that the open interface of the app is blank after installation, and the corresponding content needs to be edited through the DSP software user interface function before uploading to the app.
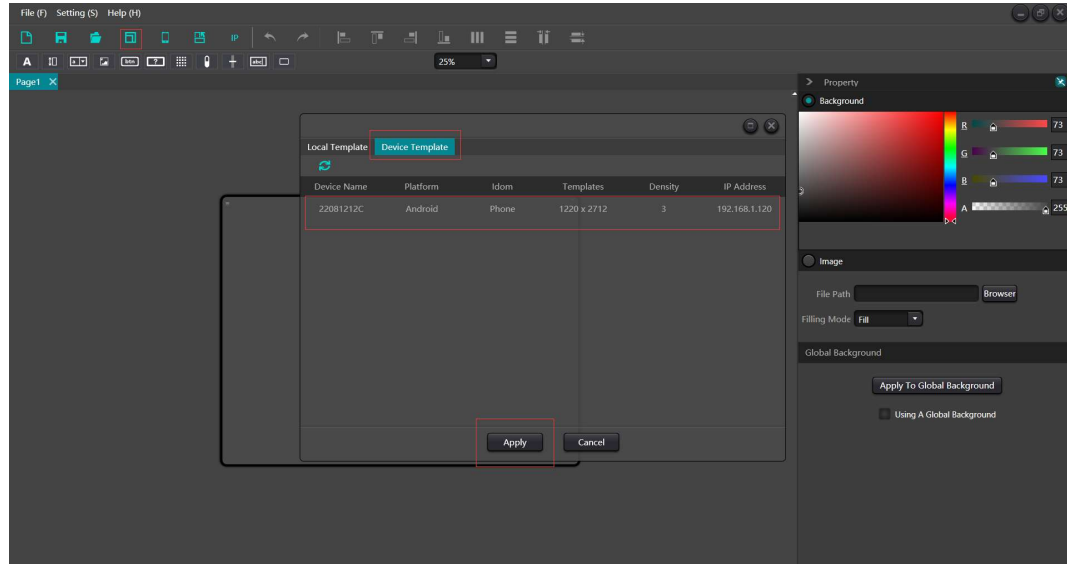
1. User interface editing

1.1 Enter the editing function area through DSP software settings - user interface
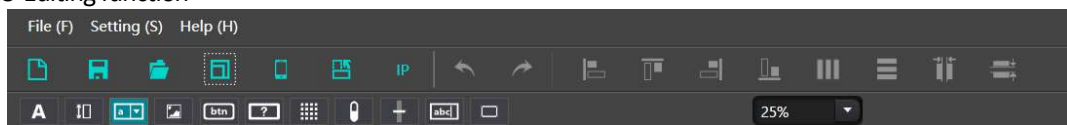
1.2 Template Selection

It is recommended to match the resolution through online templates, click Template - Online Template and automatically search for online device information. Please pay special attention to that your phone or iPad needs to be on the same local area network as your computer, and the app should already be active on the screen.
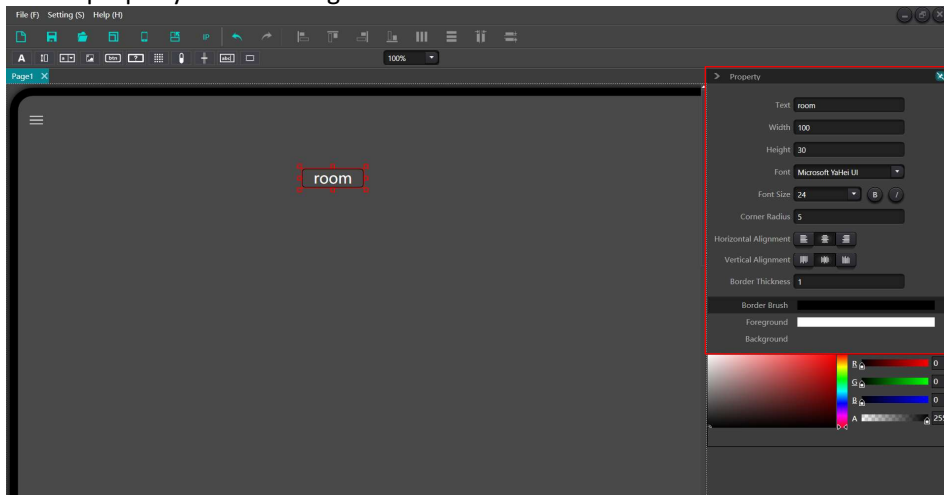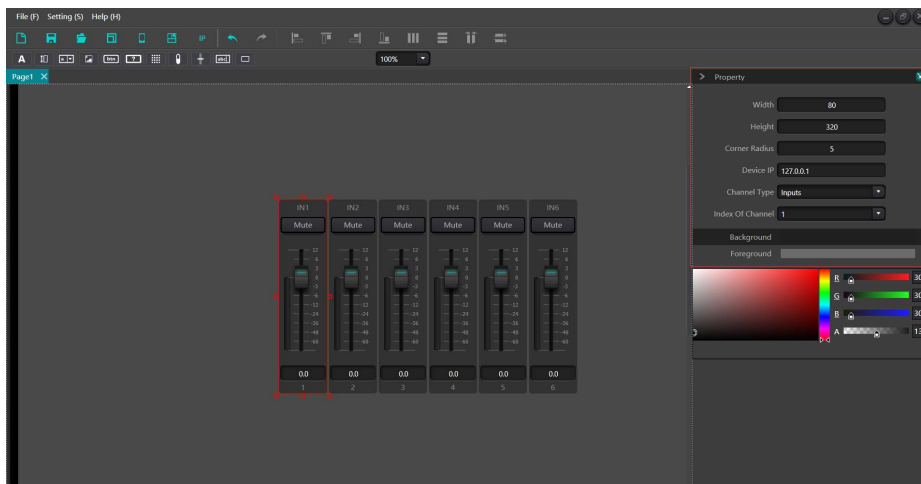

1.3 Editing function

：Create a new project，allows multiple pages to be added within the project

：Save the edited project to the designated directory on the computer

：Open the edited project that exists on the computer

：Selection of templates, local templates, and online templates

：Upload the edited page to the mobile or tablet

：Horizontal (Landscape) and vertical (Portrait) screen switching

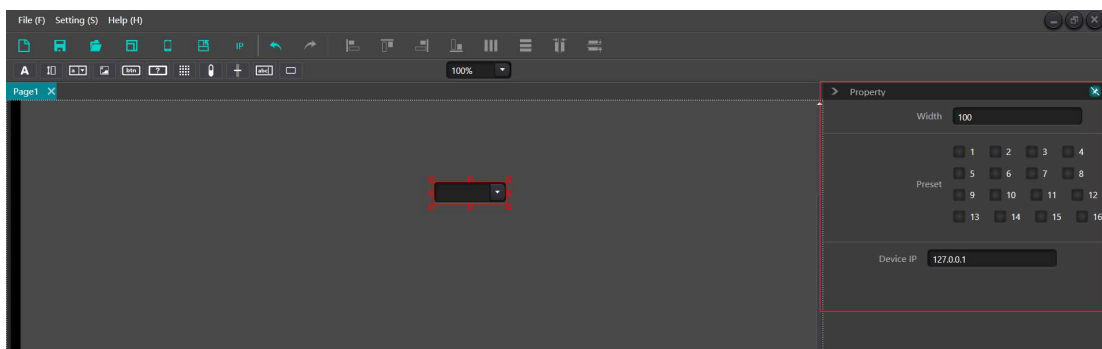：Replace IP, replace the same IP on the page with the specified IP

A **:** After clicking the text button, you can add text and modify parameters such as font, size, and text color in the property bar on the right.
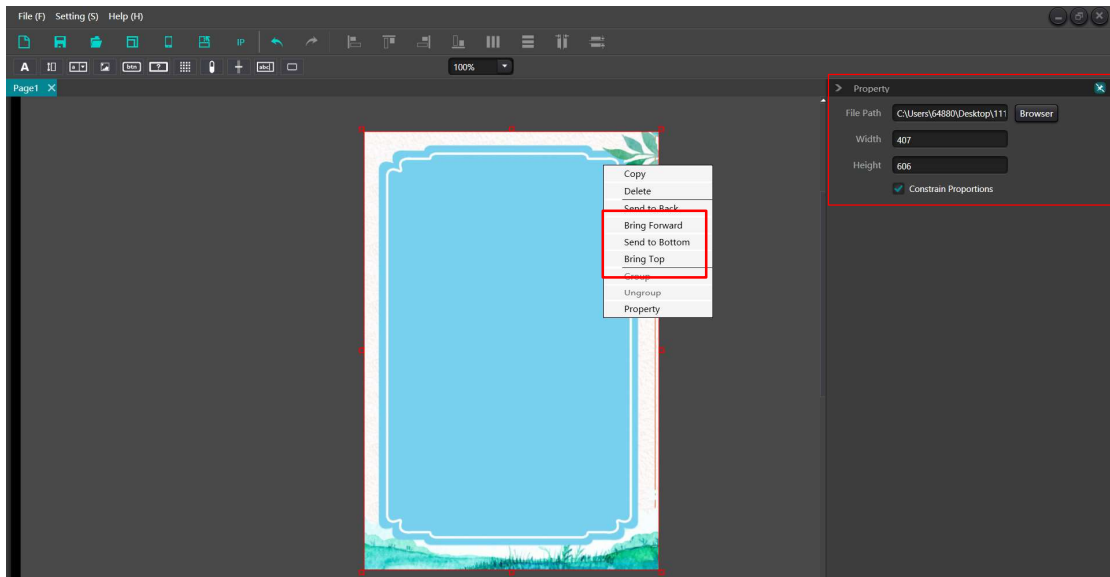

IO **:** Channel, adding channel controls such as mute, level display, and volume control; You can adjust the size, color, background color and other parameters in the right attribute bar; You can also set the channel type: input or output; Set channel number; Set the IP address of the associated device. It should be noted that the IP address of each controlled associated device is very important, that is, it is necessary to correctly fill in the IP address of the controlled processor.
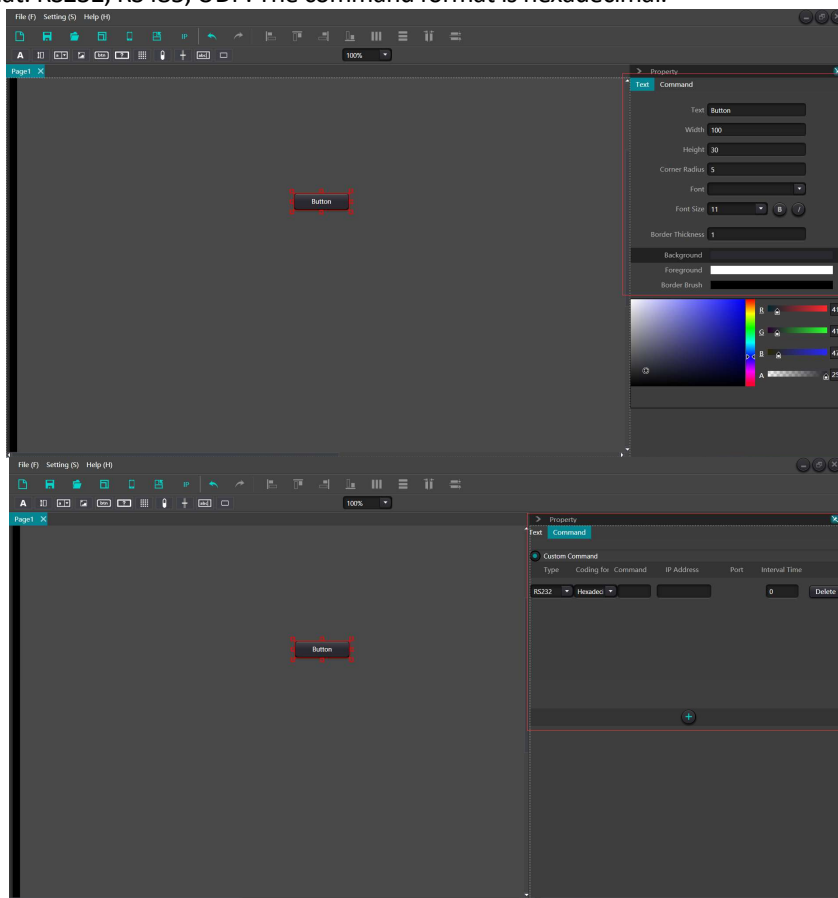

: are a total of 16 preset bits. Set the corresponding preset to be called and fill in the device IP in the property bar on the right.
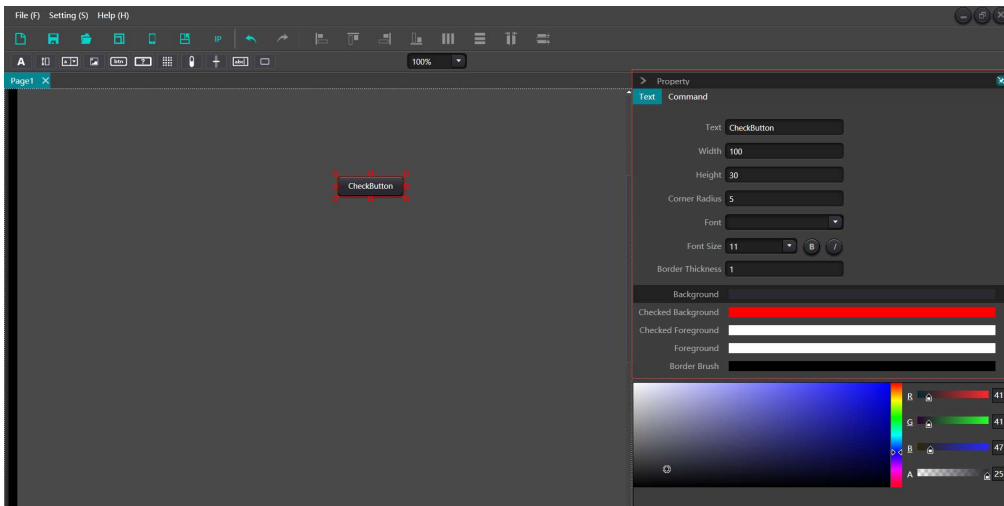

: Images can be used as backgrounds or logos by adding images in the path. Images can be set in size, locked in scale, Right click on the image to adjust the layer of the image.
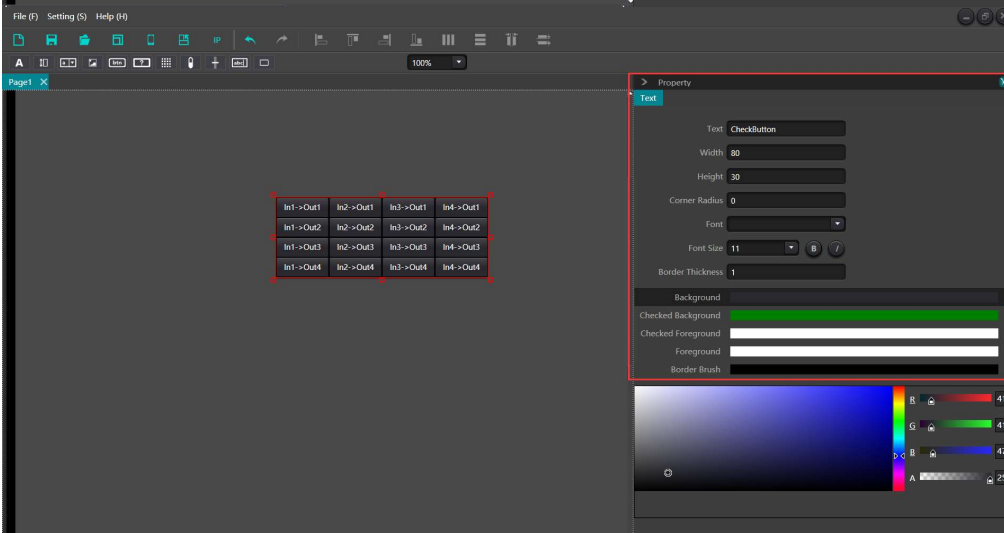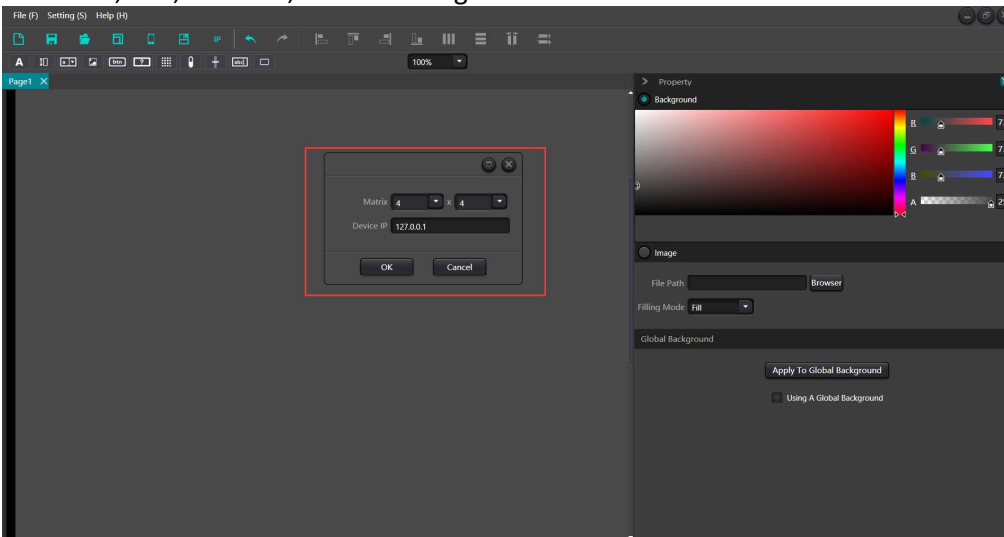
btn ： Button, press to send custom commands. Set parameters such as button size and color in the property bar, and choose from three different protocol forms in the command bar;

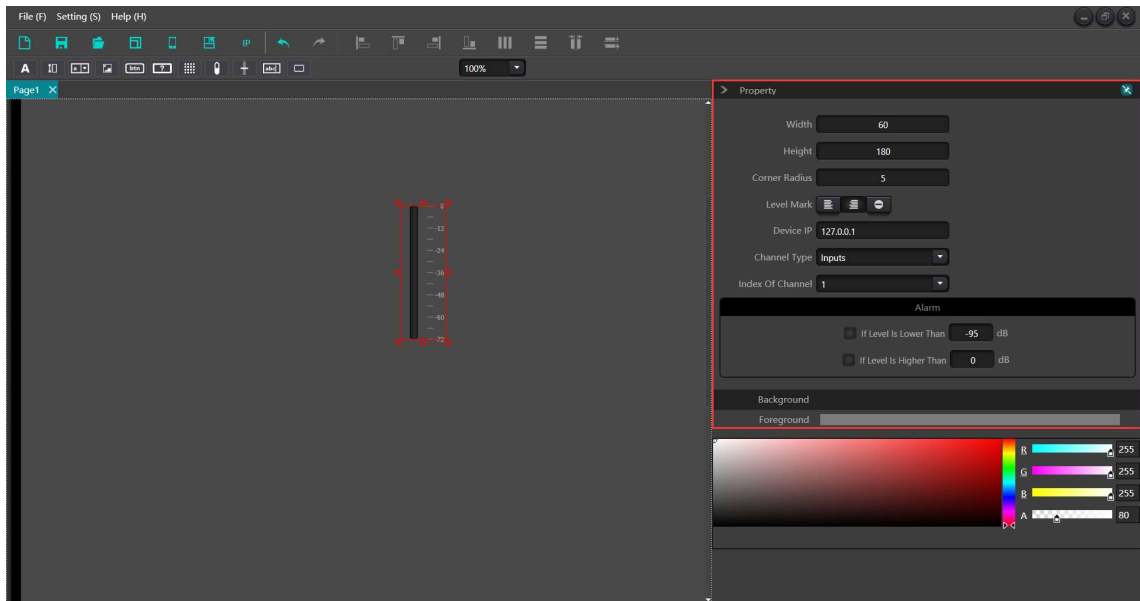Protocol format: RS232, RS485, UDP. The command format is hexadecimal.

? ： The difference between the check button and the regular button is that the check button has two specific states: pressed and ejected. For these two states, separate protocol codes can be set in the command bar, and there are three optional protocols: RS232, RS485, and UDP,The format is hexadecimal and ASCLL. In addition to custom commands, the status button can also set system commands, including input/output mute, system mute, and matrix routing.
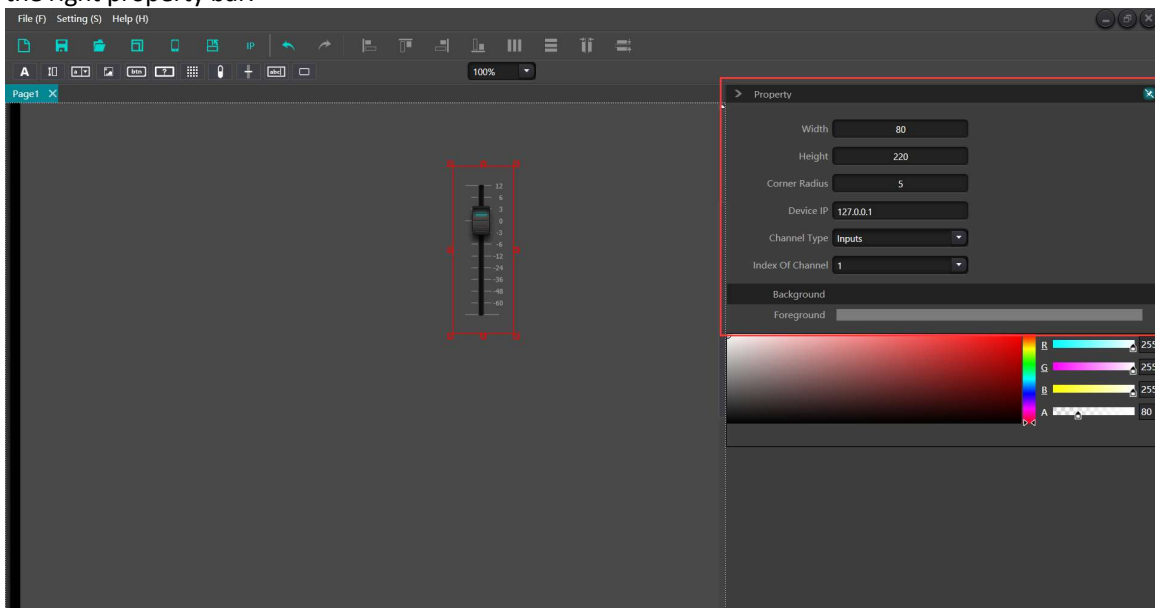
：Audio matrix, after setting the number of channels, you can set parameters such as button content, size, font size, etc. on the right side.

：Level, displays the current channel level, sets parameters such as size and color in the property bar on the right, and sets the current channel alarm level to reach the set level value. The current channel will display in red and an alarm will sound to remind the user.
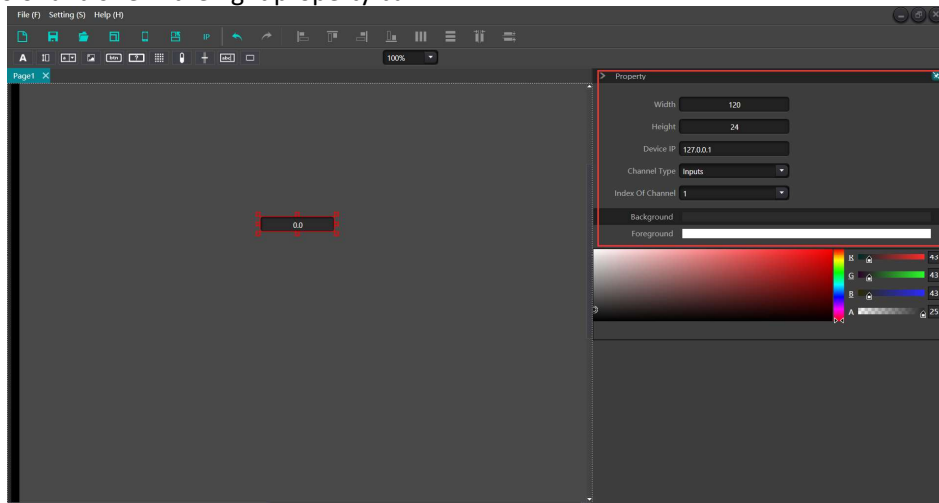
：　Gain, volume adjustment, channel number, size, color, and other parameters can be set in the right property bar.
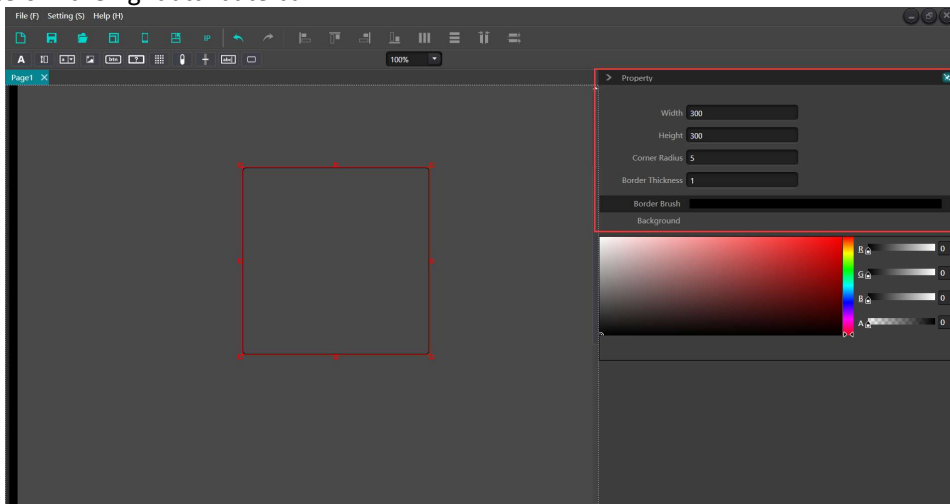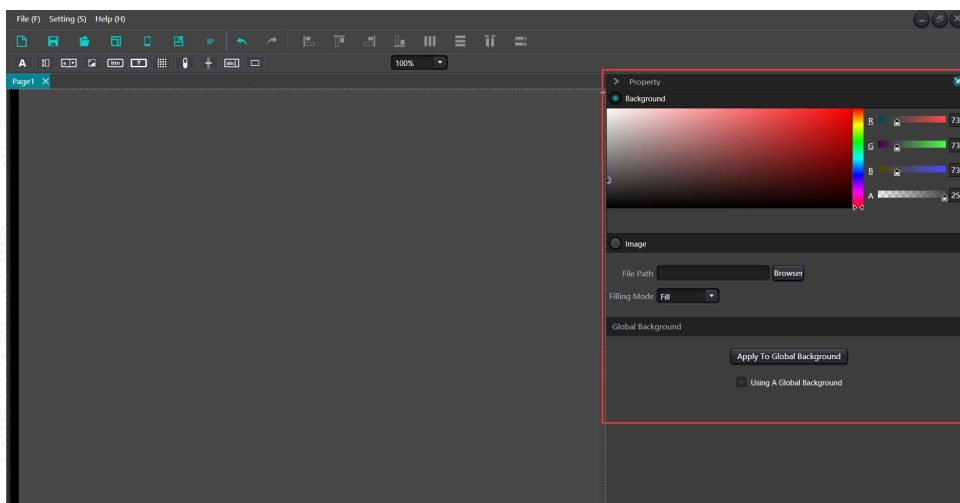
[abc] ：Volume value, displaying the volume value of the current channel. You can set parameters such as color and size in the right property bar.

[□] ：Border, add the border to the editing area, and adjust the border size, color and other parameters in the right attribute bar.
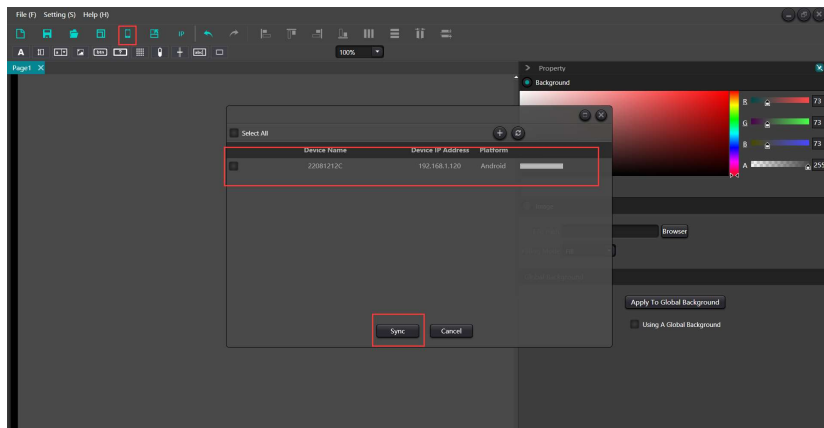

Click on any background to enter the background area, set the background color of the current page, and add a background image.
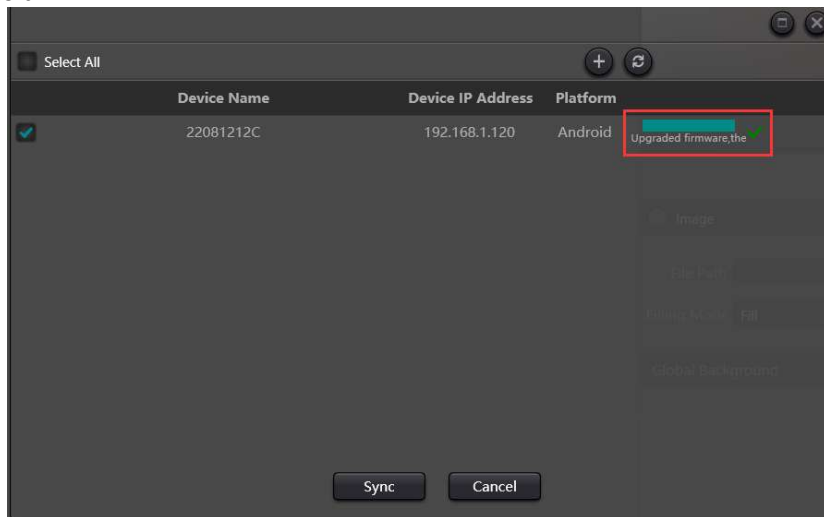
2. User interface upload

Upload:

Upload successful:

It should be noted that the mobile end and processor must be in the same local area network and network segment, and the APP must be opened. The control attribute must be filled in with the correct processor IP address. If you cannot control it, please exit the application and try again or restart the wireless router.