



Smart Intelligence Drawing Manual (V2.0.2)

Lingdongzhihui APP Lingdongzhihui is a professional laser creation, performance, text, animation, scene and pattern design integrated solution.

software installation

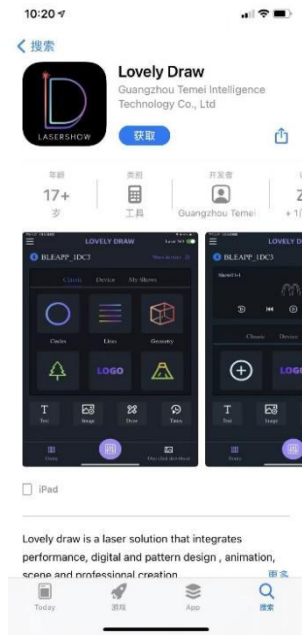
1、 android APP:

The browser scans the QR code and prompts you to download the APK installation package.
Click download and install.



2、 apple APP:

Download and install the official App Store search LovelyDraw on Apple.

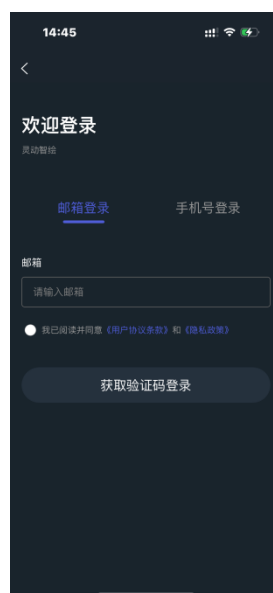


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1、 Login / Logout

Enter the APP home page, click the personal center in the upper left corner or add the device to enter the login page, select the email or mobile phone number to log in, one-click login on the mobile phone, enter the personal center and click the "Log out" button.



2、home page

2.1 Bluetooth connection

1. Bluetooth connection

Click "Add device" to enter the Bluetooth search page; click "Start search, re-search" to search for bluetooth devices; click "Connect" to start connecting devices and wait for the connection to complete.



3、Bluetooth auto-connect

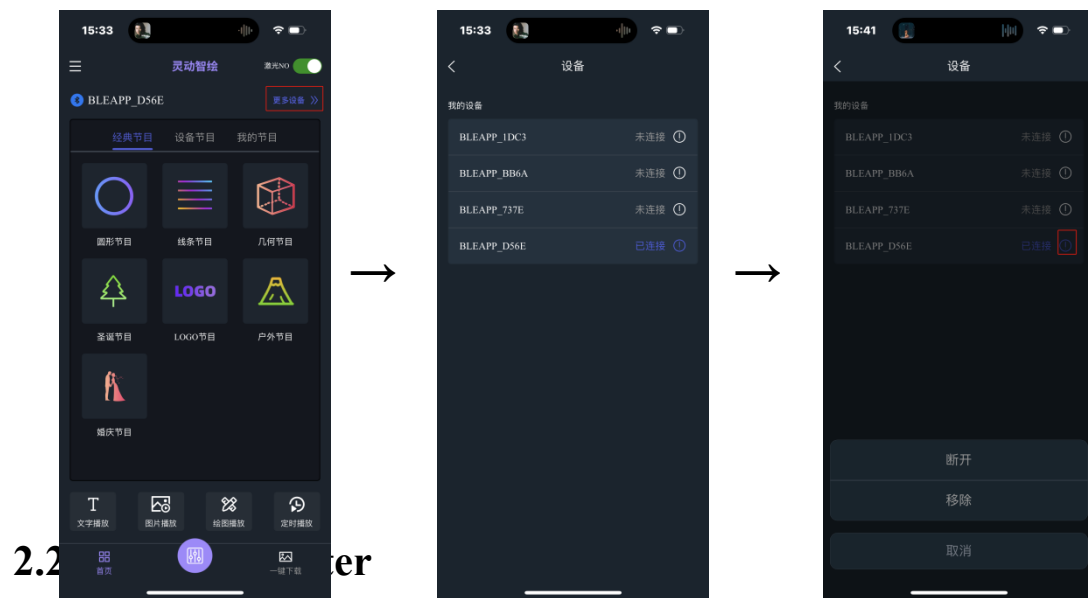
Check "Automatically connect" when you click "Add device".

4、Bluetooth connection failed

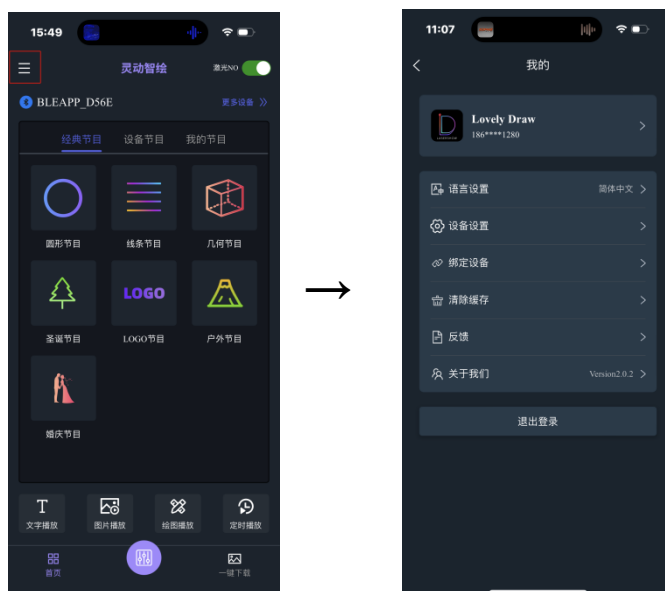
If the connection fails, the system will pop up a prompt message. Switch the power supply of the device on and off again, and search for the connection again.

5、More devices

Click "More devices" to view all the devices that have been connected, click "BLEAPP" to connect the device, click the button on the far right, and select disconnect the device and remove the device.

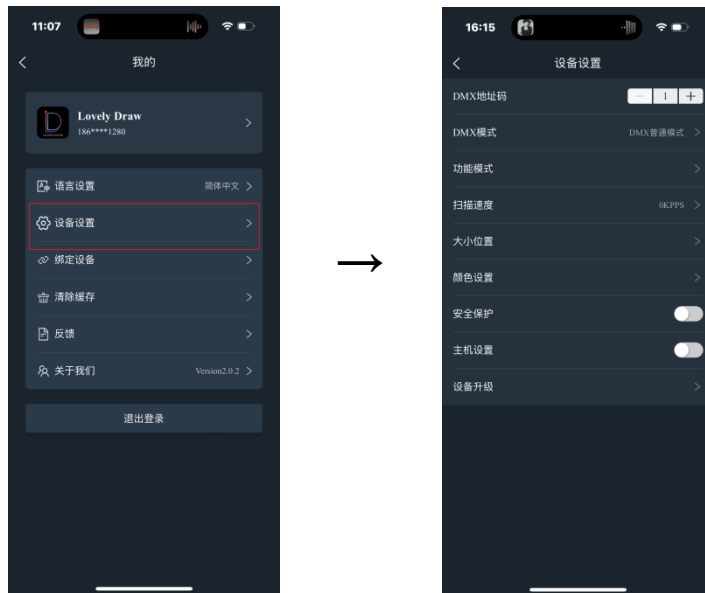


1、Click the button "Personal Center" in the upper left corner of the home page to enter the personal center page, and click "Language Settings" to set the language.



2、Equipment Settings

Click "Device Settings" to enter the device Settings page.



3、Bind the device

Click "Bind device" to enter the bound device and enter the binding key (the key is viewed on the device).

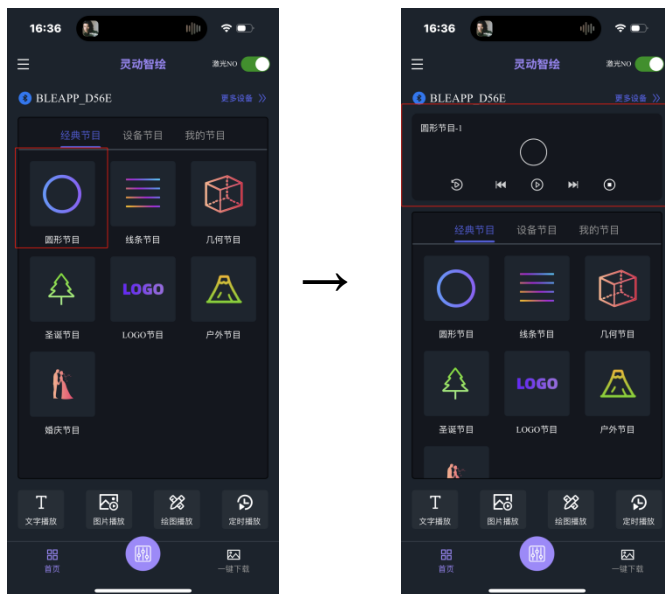
Configuration permission: 1. No permission: can not connect. 2. Basic permission: can only play, 3. Advanced permission: design and play.

4、Click "Unbind" to unbind the function.

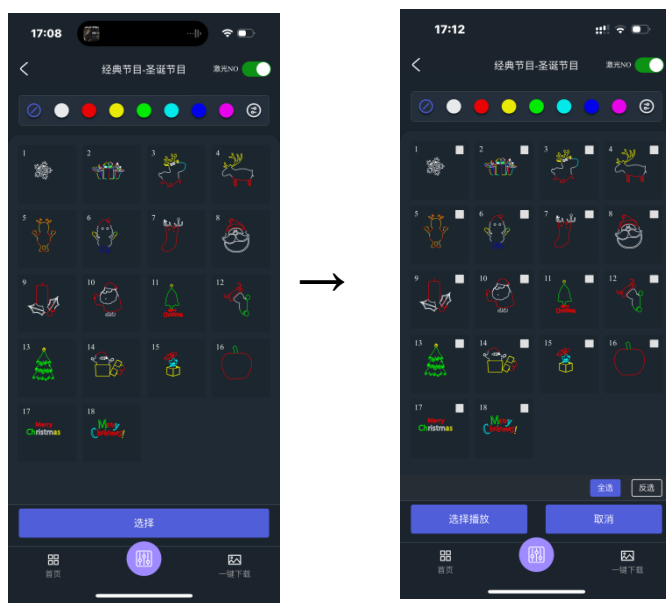


2.3 Classic programs

- 1、Click on the program to play, and at the same time display the program information of the player and the pattern of the program being played. You can switch between four modes: "play mode", "previous", "pause", "next" and "stop". Click "stop", the player is hidden and stops playing.



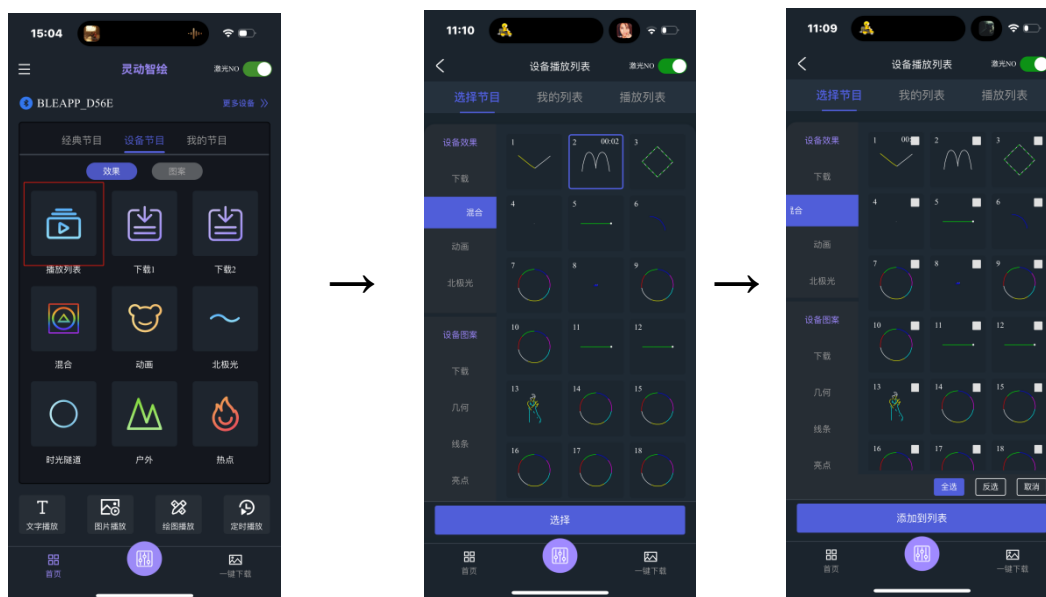
2. Double click the program to enter the program details, click "Select" to select the playback. Only the selected pattern will be played, and the unselected pattern will be hidden. Click "Select all" to display all the patterns.



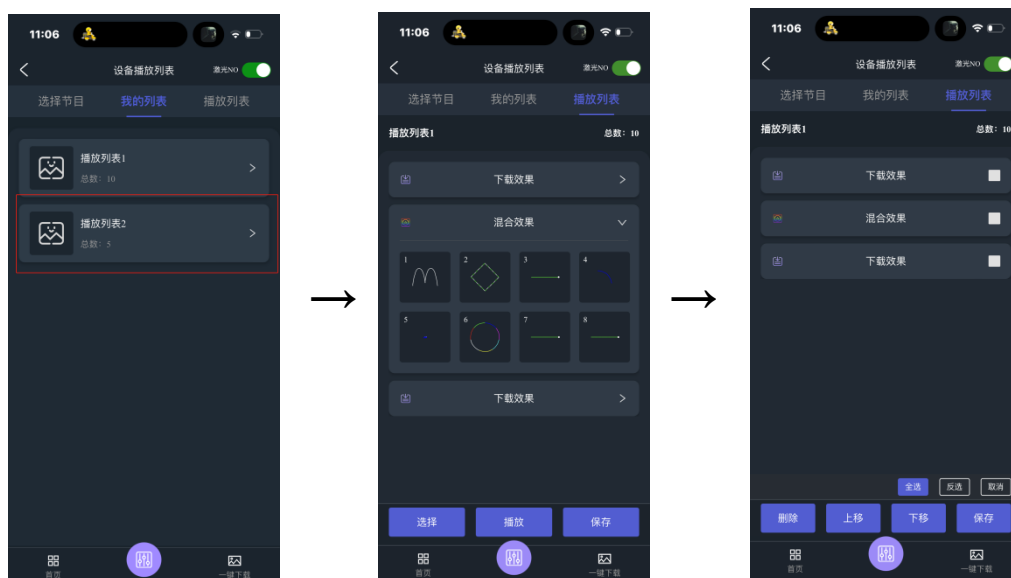
2.4 Equipment programs-effects and patterns

1、Playlists

Click "Play List" to enter the device play list, click the "Select" button under "Select Program", and add the pattern to the play list in the order of selecting the pattern.

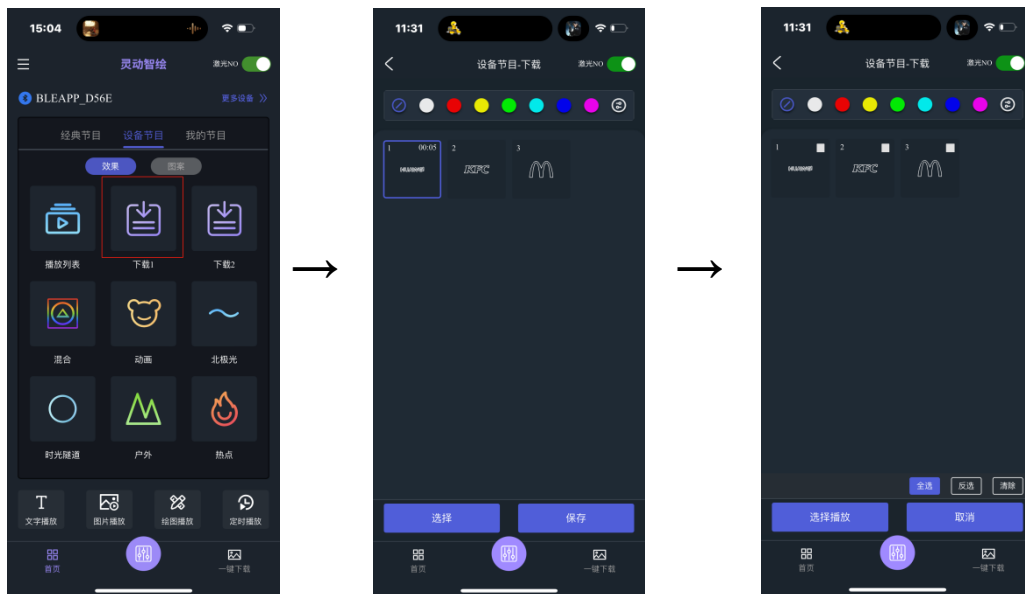


Click "My List" to view the playlist, click the playlist to enter details. Click "Select" to delete the pattern, and move up and down to adjust the position. Click "Save" to save the playlist, and the device will automatically play the saved playlist when it is turned on.

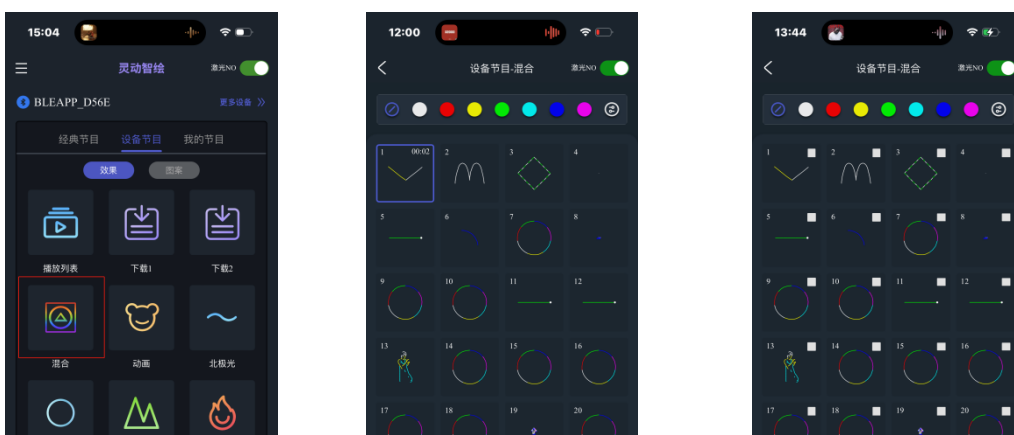


2、Download page

Click "Download" to enter the download page, click "Select" to select the playback, only the selected pattern will play, the unselected pattern will be hidden, click "Select All" to display all the patterns. Click "Save" to save the current downloaded program, the device will automatically play the saved current program when it is turned on.



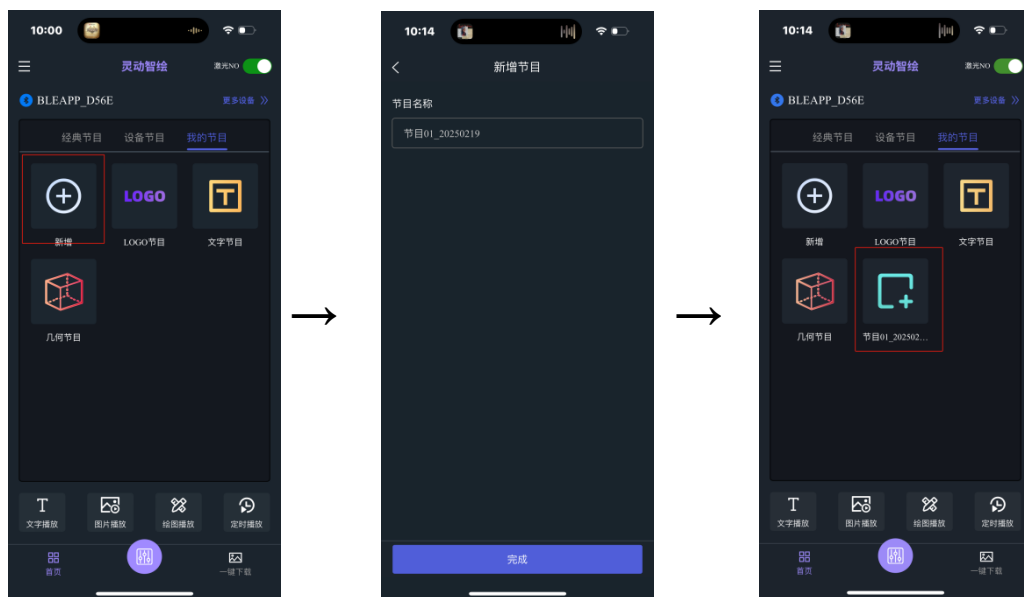
3、Click on the program to play, double click the program to enter the program details, click "Select" after that, you can choose to play, only the selected pattern will be played, the unselected pattern will be hidden, click "Select All" to display all patterns. Click "Save", save the current downloaded program, the device will automatically play the saved current program when it is turned on.





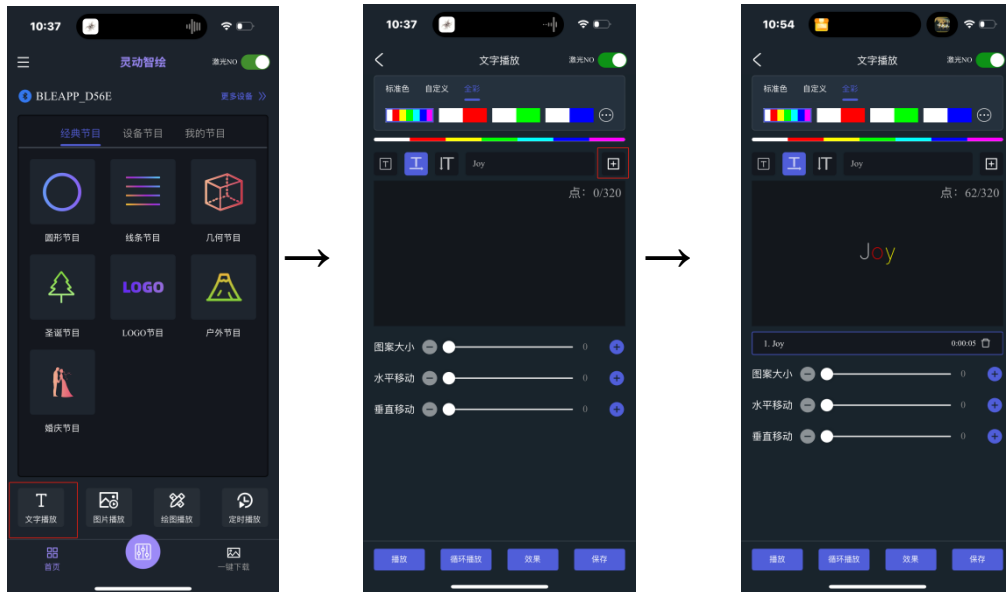
2.5 My show

1. My program saves its own creative programs, selects LOGO programs, text programs and geometric programs, and can also add new ones. Click "Add" to pop up the new program, input the program name, click complete, and you can rename and delete programs frequently. Programs deleted cannot be restored. Please do not delete programs at will.



2.6 Text playback

1. Click "Text Playback" on the home page to enter the text playback page. Enter text in the input box and click New. The entered text will appear on the canvas. If the number of points exceeds the buffer of the device, please download playback for better performance. Adjust the size of the text effect pattern, horizontal movement, and vertical movement

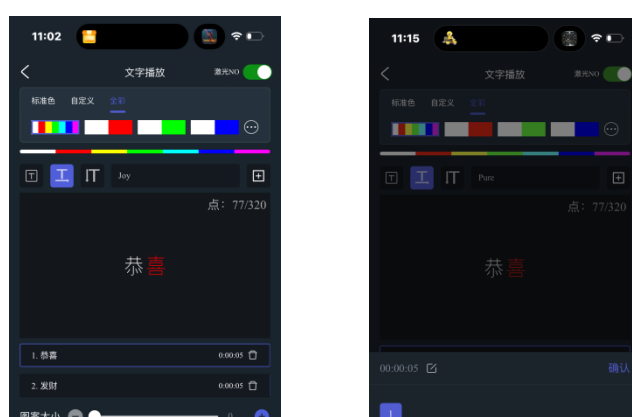


2. Click "Play" to play the pattern, and click "Loop play" to switch the playback mode.



2、 Click "Effect" to enter the effect page, you can choose the dynamic effect of the pattern, such as vertical movement, rotation, zoom and so on.

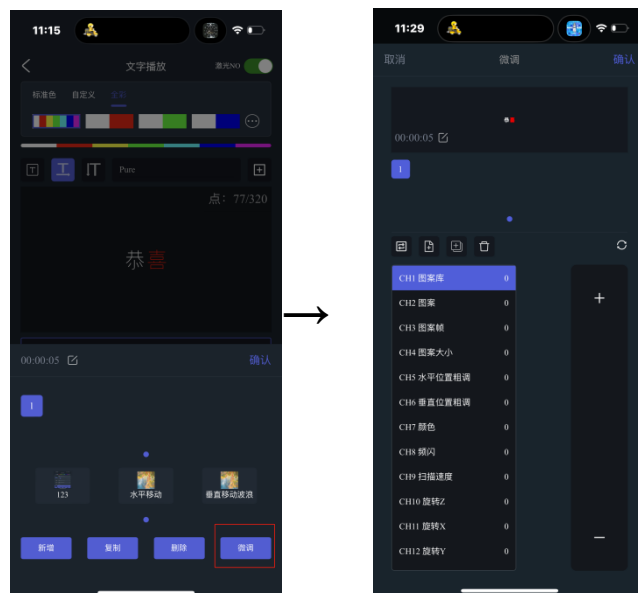
Each step can be added, copied, deleted, and fine-tuned to the effect and playback time.





3. Click "Fine-tune" to enter the fine-tuning page, where you can create rich effects.

The four operation buttons from left to right are switch pattern operation, add, copy and delete. Users can choose the desired effect and the corresponding value according to their own needs, click confirm, save the effect.



2.7 Drawing playback

Click "Draw Play" to enter draw play. From the upper left corner below the color, from left to right:

Edit button, Draw button, Picture button, Font Settings button and text input box.

Click the operation button to display the corresponding operation function in the lower left corner of the canvas.

1. Editing function

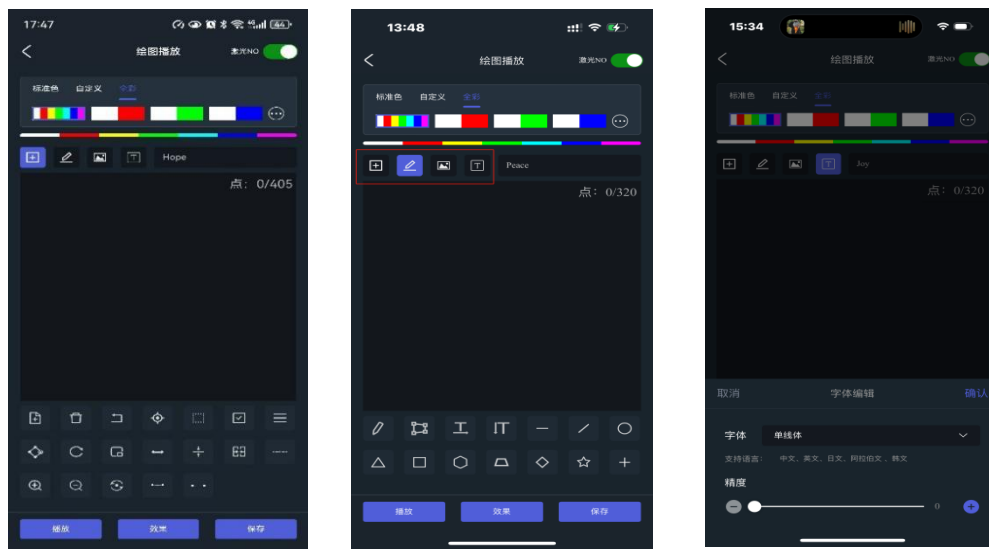
Click the "Edit" button from left to right and from top to bottom:

1. New, 2. Delete, 3. Rollback, 4. Display points, 5. Select points, 6. Select all, 7. Center, 8. Interpolation, 9. Rotate, 10. Size, 11. Horizontal alignment, 12. Vertical alignment, 13. Object merge, 14. Line to point, 15. Zoom in, 16. Zoom out, 17. Reset scale, 18. Light line, 19. Close line, etc.

2、 Draw function

Click the "Draw" button from left to right and from top to bottom:

1. Brush, 2. Line, 3. Horizontal font generation, 4. Vertical font generation, 5. Horizontal line, 6. Horizontal line, 7. Circle, 8. Triangle, 9. Square, 10. Hexagon, 11. Trapezoid, 12. Rhombus, 13. Star, 14. Cross.



3、 Picture function

Click the "Picture" button to directly shoot or select the picture to convert the pattern. Please see the picture playback for details.

4、 Font setting and text input box function

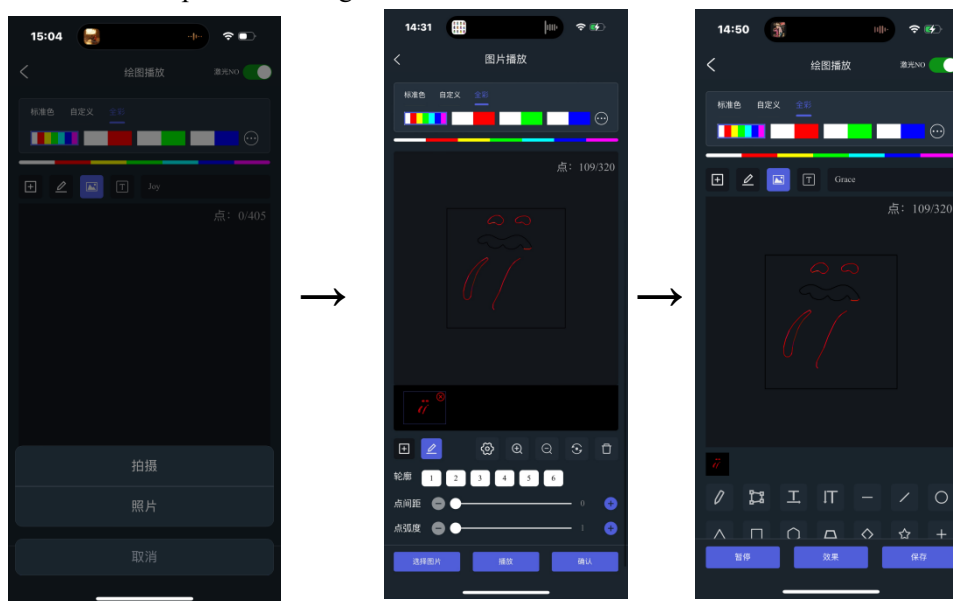
Click the "Font Settings" button, select the appropriate font and font parameters, enter the text first, then click horizontal or vertical to generate the text, and draw the text pattern.

2.8 Picture playback

Click "Picture Playback" to select a picture taken or selected from the album.

After selecting "Take, Photo", you will directly enter the picture conversion. The buttons from left to right are "New", "Edit", "Set", "Enlarge", "Shrink", "Reset Zoom", and "Delete". Among them, the "Set" button sets the picture conversion accuracy, and the "Delete" button deletes the selected outline,

1. Outline: Display the graphic outline of the image after conversion. Click the number to select the outline.
2. Set point spacing: Adjust the point spacing parameter of image conversion.
3. Point curvature: Adjust the point curvature parameter of image conversion.
4. Select the "Choose Image" button to reselect the image.
5. Click the "Play" button to view the converted pattern effect.
6. Confirm the completion of image conversion.



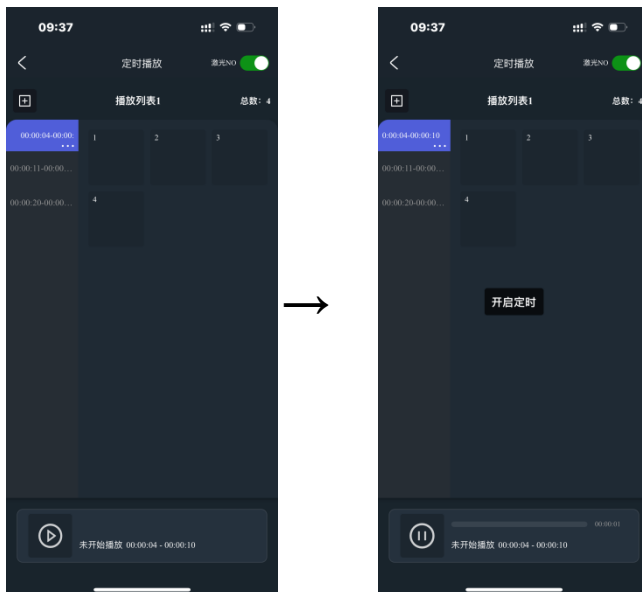
2.9 Timed playback

1. Click "Timed playback" to enter the timed playback function; click "Add" to enter the new time, select the start and end time, and the playback list. If the playback list is empty, please create a

new playback list in the playback list function of the device program first.



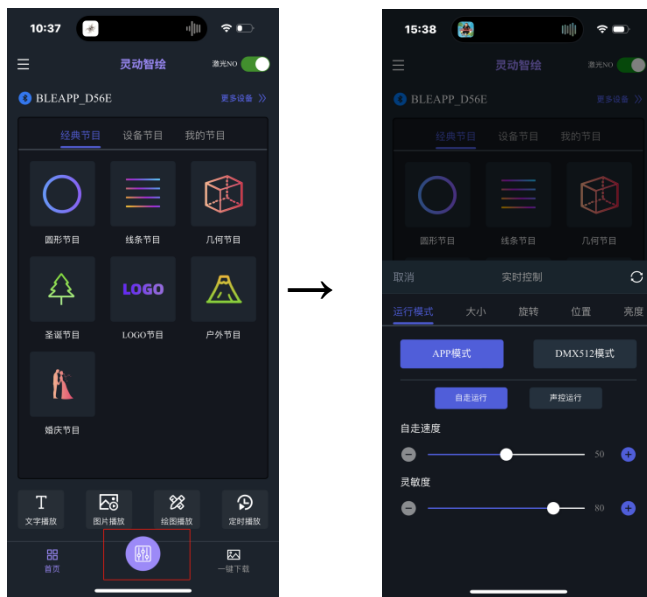
2. Click the "Play" button at the bottom to pop up a prompt "Enable timing", and the device will play the program according to the set time.



3、 real-time control

3.1 Real-time control

Click "Real-time Control" to pop up a window from the bottom. You can set the "running mode", "size", "rotation", "position" and "brightness".



1、APP pattern

Select the self-walking and voice control operation, select the self-walking speed and voice control sensitivity.

2、DMX512 pattern

The device is in DMX512 mode, receiving DMX512 signal control, setting address code and channel mode.

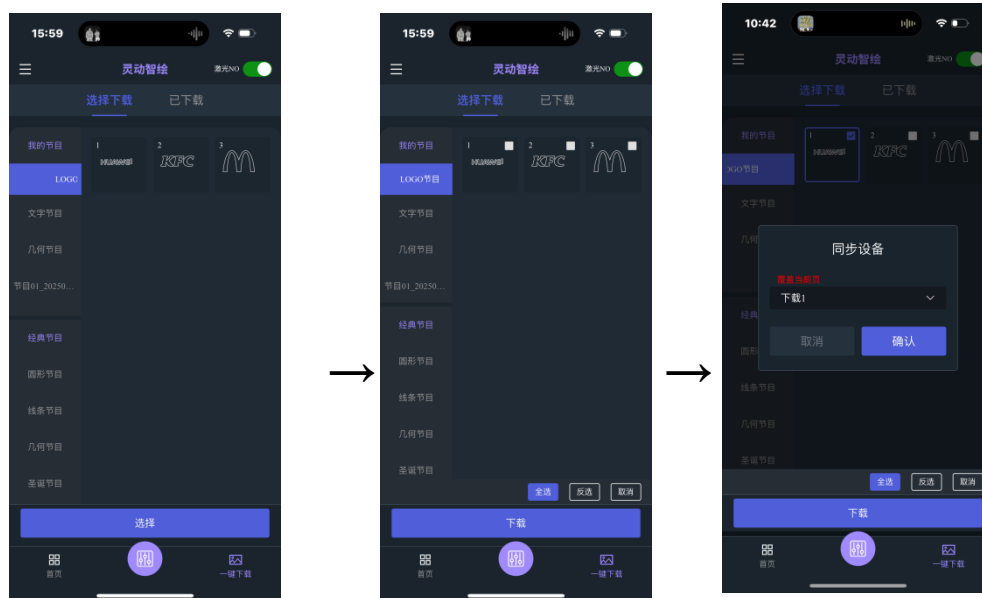
3、luminance

When the laser is modulated, the brightness of the light source can be adjusted.

4、Download it all at once

1、Select download

Click the "one-click download" button to enter the selection of download. The programs on the left are my programs and classic programs. Click the "select" button to appear the multiple choice box, which can select patterns for cross-program download. Click the "download" button, select the download page such as: download 1, download 2, click the "confirm" button to wait for the completion of download.



2、Downloaded

Click the "Edit" button to delete the downloaded pattern or the selected pattern. The deleted pattern cannot be restored, only the pattern can be re-downloaded.

