

User Manual of LED Display Screen

I. Preface

To ensure that our products can be used normally under reasonable conditions and gain your recognition of the products, we will briefly describe the usage process and precautions of the products. Please read carefully before conducting the installation and debugging of the LED display screen.

II. Product Overview

Product Overview: This LED mobile electronic poster screen is a media promotion device that integrates portability, simple operation, multi-screen splicing, and high-definition display. It is designed for scenarios such as indoor/outdoor advertising, event promotion, meeting rooms, live streaming rooms, exhibitions, catering and hotels, supermarkets, specialty stores, public places, and other displays. It supports the playback of videos, pictures, and text formats, and is an ideal choice for enhancing brand image and attracting customers' attention.

III. Special Reminders

This product has applied for a number of patents. Please do not counterfeit. Counterfeiting will be punished!

IV. Unboxing Inspection

1. Unboxing inspection: After receiving the equipment, please check if the packaging is intact. If there is any damage, please contact the manufacturer in time.
2. Open the wooden box or the air-freighting box. Two people should lift the screen out and place it gently on the ground.
3. Please gently open the packaging protective film with a utility knife (do not scratch vigorously to avoid scratching the screen and appearance).

V. Random Accessories

1. Integrated stand-alone version accessories: 320*160mm module * 1, power cord * 1, network cable * 1, flat cable * 1
2. Integrated splicing accessories: 320*160mm module * 1, power cord * 1, network cable * 1, flat cable * 1, HDMI cable * 1, 5mm hexagonal wrench * 1
3. Foldable stand-alone version accessories: 320*160mm module * 1, power cord * 1, network cable * 1, flat cord * 1, 320mm flat iron * 2, 5mm hexagonal wrench * 1, screw * 1
4. Foldable splicing accessories: 320*160mm module * 1, power cord * 1, network cable * 1, flat cable * 1, 320mm flat iron * 2, 5mm hexagonal wrench * 1, screw * 1, HDMI * 1
5. Energy storage integrated stand-alone version accessories: Battery * 1, Charger * 1, 320 * 160mm Module * 1, Network cable * 1, Flat cord * 1
6. Energy storage integrated splicing kit accessories: Battery * 1, Charger * 1, 320 * 160mm Module * 1, Network cable * 1, Flat cable * 1, 5mm Hexagon wrench * 1, HDMI * 1
7. Accessories for energy storage folding splicing model: Lithium battery * 1, Charger * 1, 320 * 160mm Module * 1, Network cable * 1, Flat cord * 1, 5mm Hexagon wrench * 1, 320mm Flat iron * 2, HDMI * 1
8. The above accessories are standard accessories. The purchase or gift of other accessories upon placing an order shall be subject to the agreement. If there is any discrepancy, please contact the manufacturer for verification in a timely manner.

Single-unit usage model

After receiving the goods, please first check whether the outer packaging (aerobic box or wooden box) is damaged. If there is no damage, please sign for it. If there is damage, please contact the manufacturer in time for handling.

② Break the lock buckle and turn counterclockwise for one circle to open.

③ 2-3 people go up to the stage together. Pay attention to the sharp corners to avoid injury.



④ Fold the screen in half and lift it upwards. Hold it firmly before it is fixed.

⑤ After raising the screen, find the hexagonal wrench and tighten the two locking clasps.

⑥ Find the fixed strip and fix it with the 8 screw holes.

⑦ Find the power cord, insert it with the ports aligned, rotate clockwise once, and after power-on, wait for 30 seconds for the machine to start.

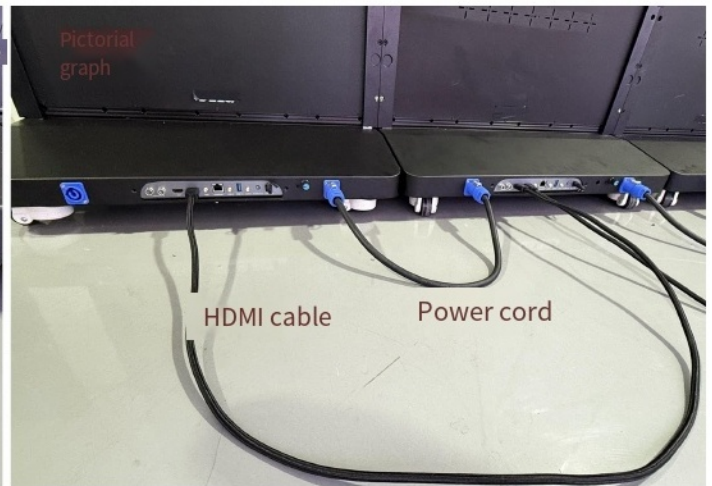
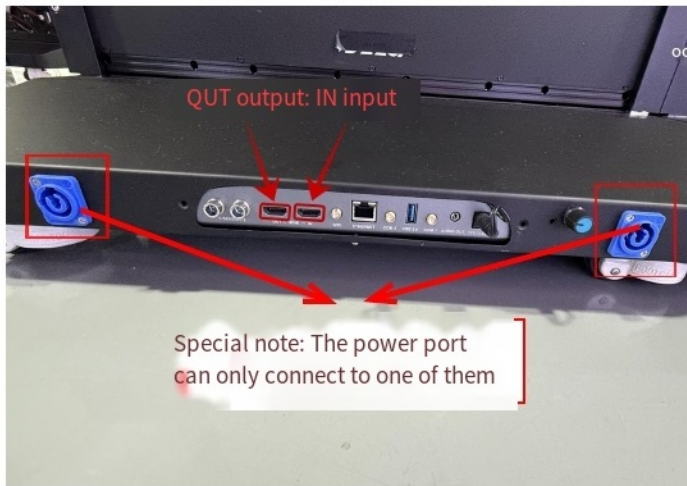


Multi-screen splicing for use (example)



① Disassemble the metal strips on the side of the screen

② After the screens are spliced, when the HDMI high-definition cable and the power cord are connected, the screens will automatically recognize and form a large screen. (The blue interface is the power interface, regardless of input/output; **Note: Only one of them can be connected. If the screen is damaged or personnel are injured due to not following the instructions of our company, it has nothing to do with our company.**)



Chapter One Overview

At present, the display screen control system industry adopts computer-based control software for operation. Each engineering project site requires an additional computer for debugging, which is very inconvenient. Smartphones have become electronic products carried by all people at all times. Display screen control software based on mobile phones has become an urgent demand in the industry.

After installing the LedArt APP to your mobile phone or tablet, you can control the LED display screens and LCD display screens connected to the Huiyu Technology Control System via Wi-Fi.

1. System Requirements

(1) Control equipment

LED control	Full-color A/C/D series
	Monochrome and dichromatic W series
LCD controller	"M Series"

(2) Mobile phone system

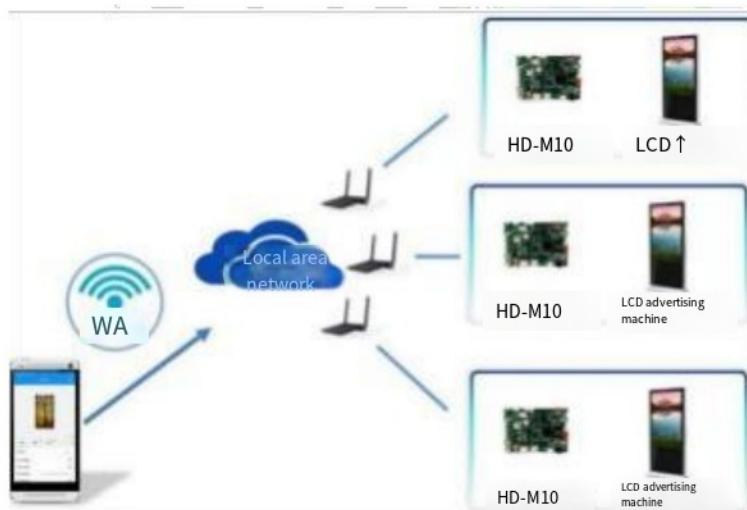
Android 4.0 or above or iOS 7.0 or above

2.Communication Mode

Mode 1: Direct connection of AP



Mode 2 Local Area Network



Chapter Two APP Installation and Uninstallation

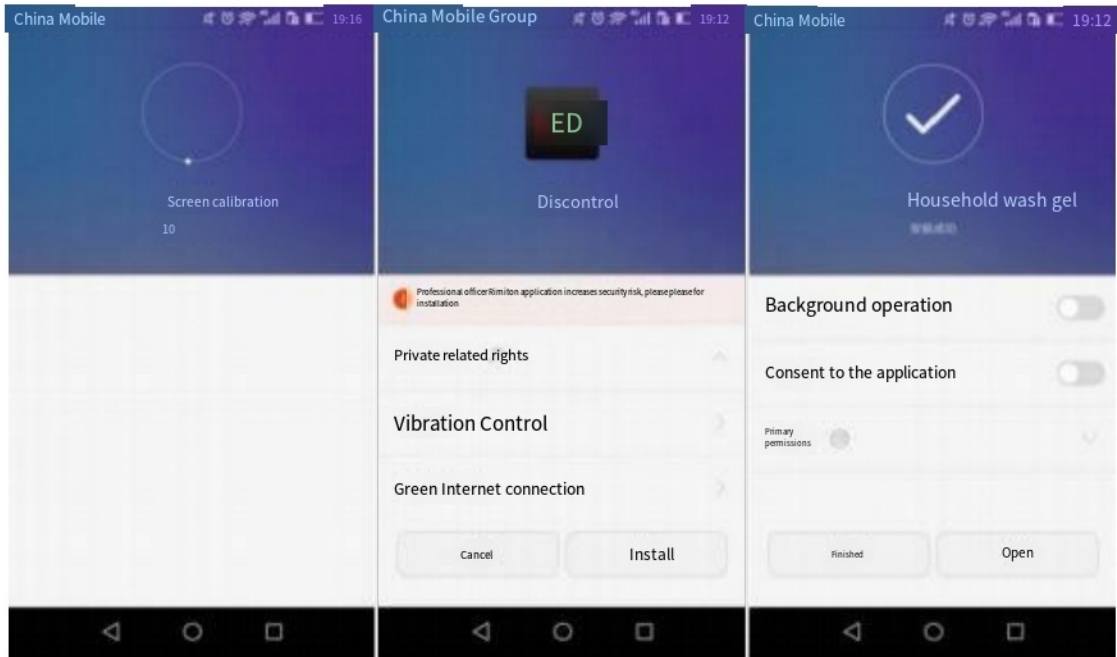
1. Screen Master Installation

(1) Users can scan the QR code to download. Download from our company's official website.



(2) Users can also search for "Screen Control" in major application stores for download, such as Huawei, Xiaomi, OPPO, VIVO, Tencent App Store, etc.

After downloading the APP to the mobile phone, just install it by default.



2.Screen Master Uninstallation

Long press the "Screen Control" icon on the mobile phone interface until the "Delete" icon appears, and then directly drag it to "Delete".

Chapter Three Program Editing and Transmission

1.Wi-Fi 连接（寻机）

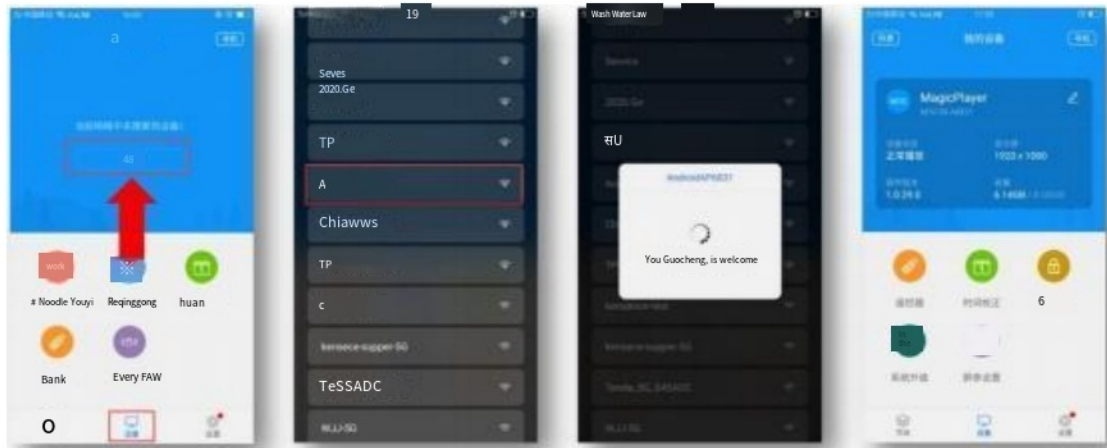
(1) M10 activates WiFi hotspot



Press the menu key on the remote control, select Wi-Fi Hotspot, and turn on the Wi-Fi Hotspot. Note: If you are connecting to the local area network via a network cable, please skip this step.

(2) Wi-Fi connection

Open "Screen Master", select the "Device" module, click "Find Device", and then connect to the corresponding Wi-Fi hotspot. As shown in the following figure.

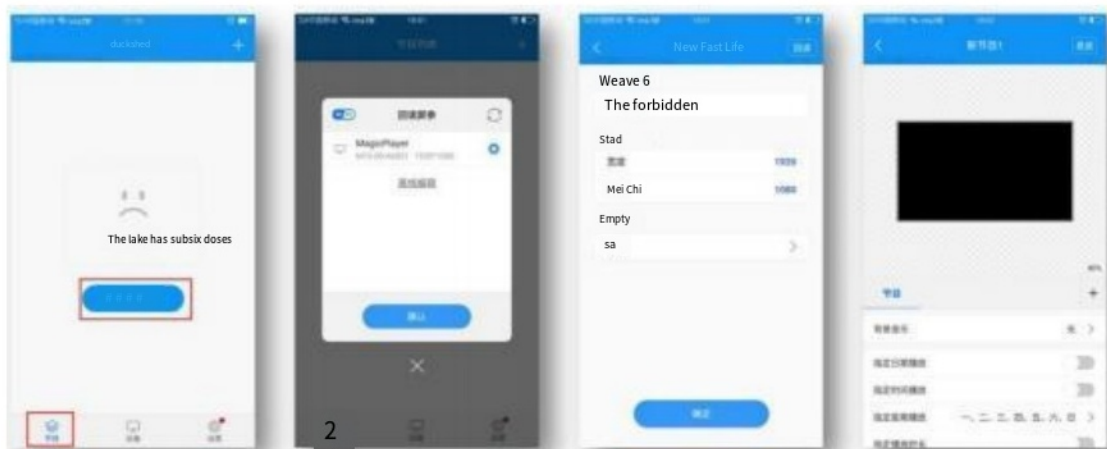


It is also possible to connect to the Wi-Fi hotspot in the "Settings" of the mobile phone under "WLAN".



2. New Program

Select the "Program" module, click "New Display Screen", automatically search for the online controller, select a certain controller, default to read the screen size of the controller, and click "OK".



If there is no online controller, it can be edited offline and the width and height of the screen can be customized.

3. Add video

After entering the program editing interface, click the "+" on the right to add the video area. Then, enlarge the video area in the simulation display area. Subsequently, click the "+" below to add multiple videos. The videos play in a loop between each other.



4. Add image

Similar to the video, click the "+" on the right to add the image area, then enlarge the image area in the simulation display area. Then, click the "+" below to add multiple images. The images play in a loop between each other.



After adding the pictures, at the bottom of the picture list, you can modify the display duration of the pictures, animation effects and display effects, etc.

5.Edit text

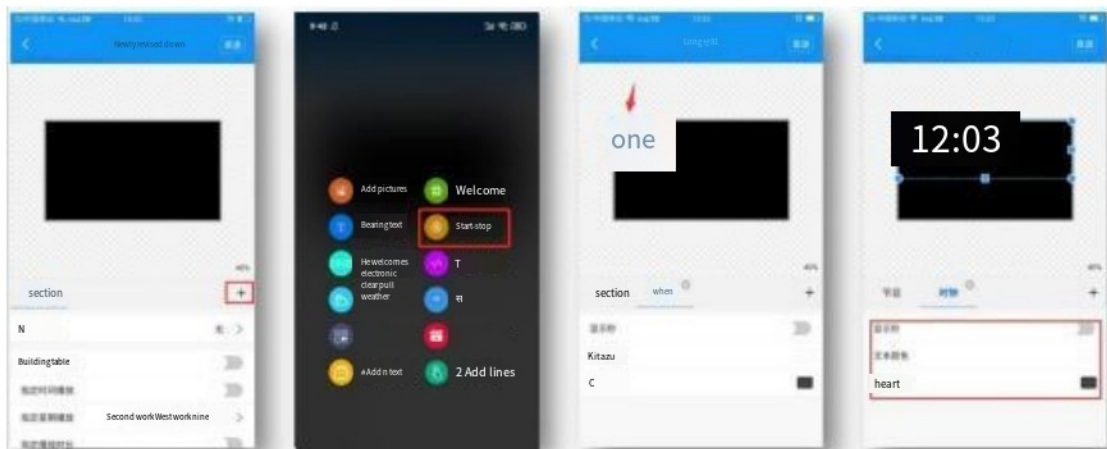
Click the "+" on the right to add the text area, then enlarge the text area in the simulation display area, and finally enter the text to be played in the text input box below.



Below the text input box, the font type/size/color, text display duration, animation effect and background color (scroll up to see) can be modified, etc.

6. Time display

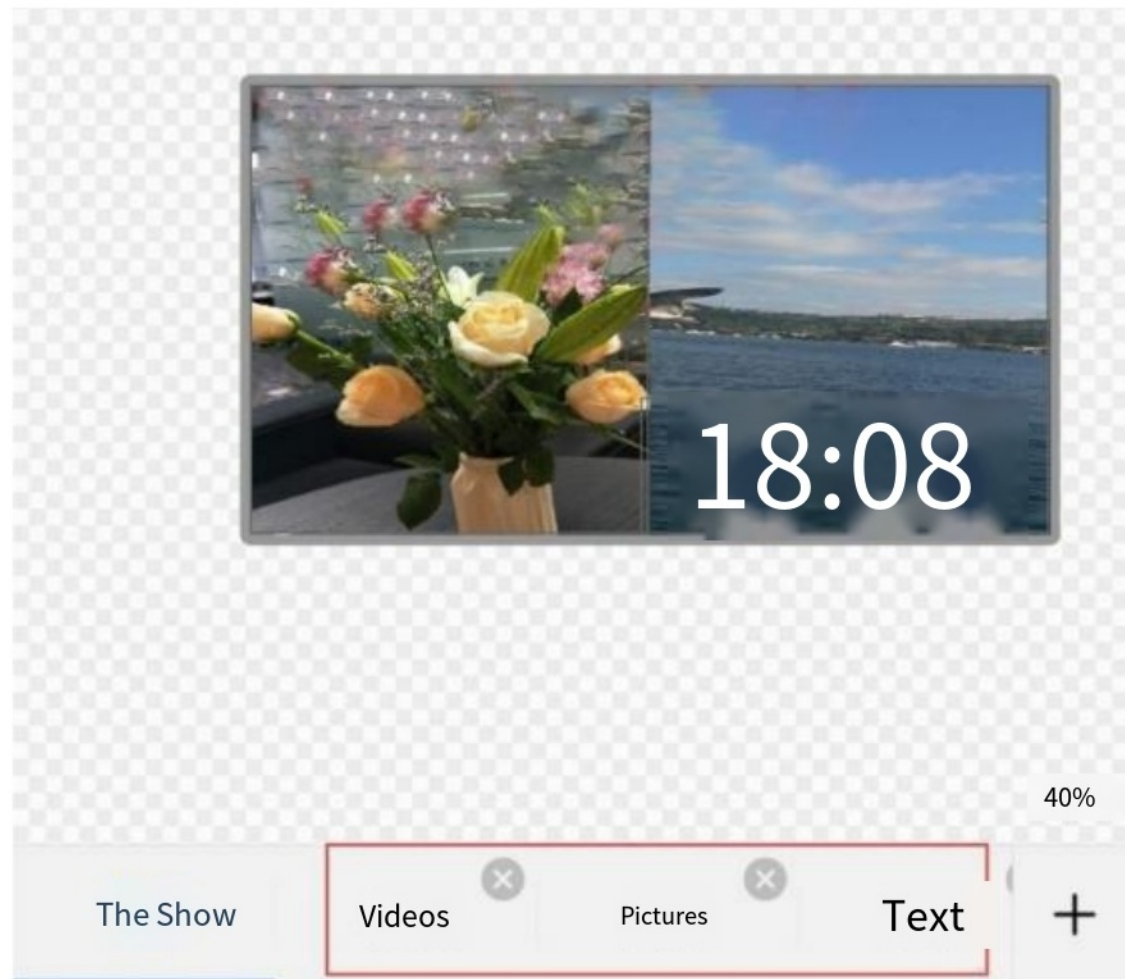
Click the "+" on the right to add the clock area, and then enlarge the clock area in the simulation display area. The size of the clock text is automatically adjusted according to the height of the area.



Below, you can choose to display seconds, modify the font color and add a stroke.

7.Layer superposition

The ones added first are displayed at the bottom layer, and the ones added later are displayed on top of them. As shown in the following figure, the picture area is played on top of the video area, and the text area is played on top of both the video and picture areas.

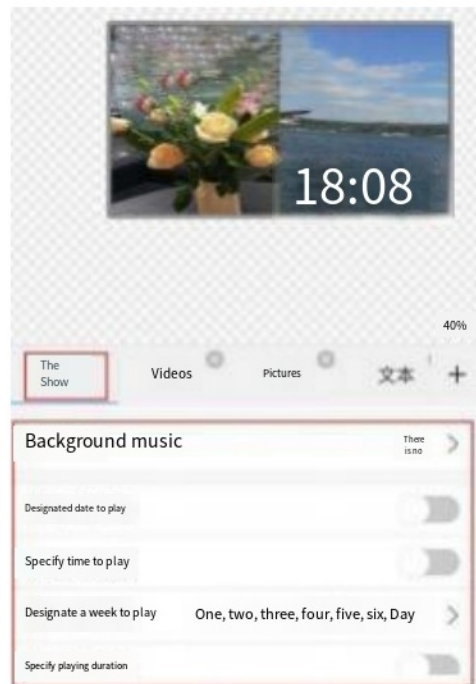


Features:

- (1) Each area can be enlarged, reduced and dragged freely;
- (2) The background of the text and clock is transparent by default. Therefore, you can add videos/images first as the background of the text/clock.
- (3) Only supports adding two video areas simultaneously, that is, supports playing two videos simultaneously.

8. Program Broadcast Control Settings

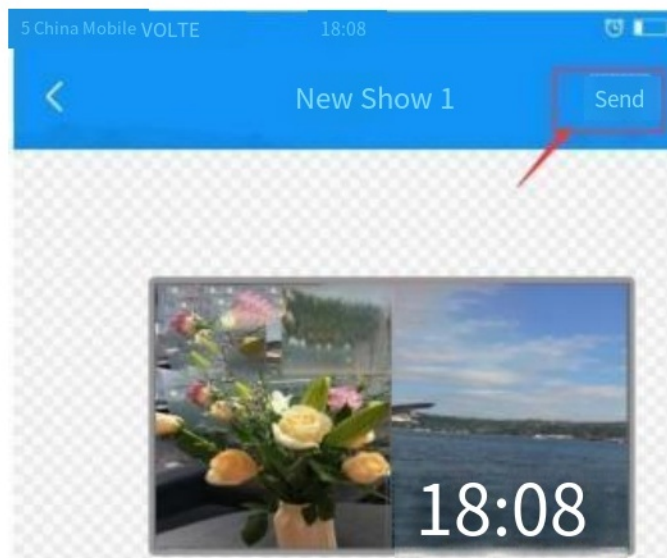
On the left side of the program editing interface, select "Program", and then you can set the background music, playing date, playing time, playing week and playing duration of the program on the bottom.



9. Program Transmission

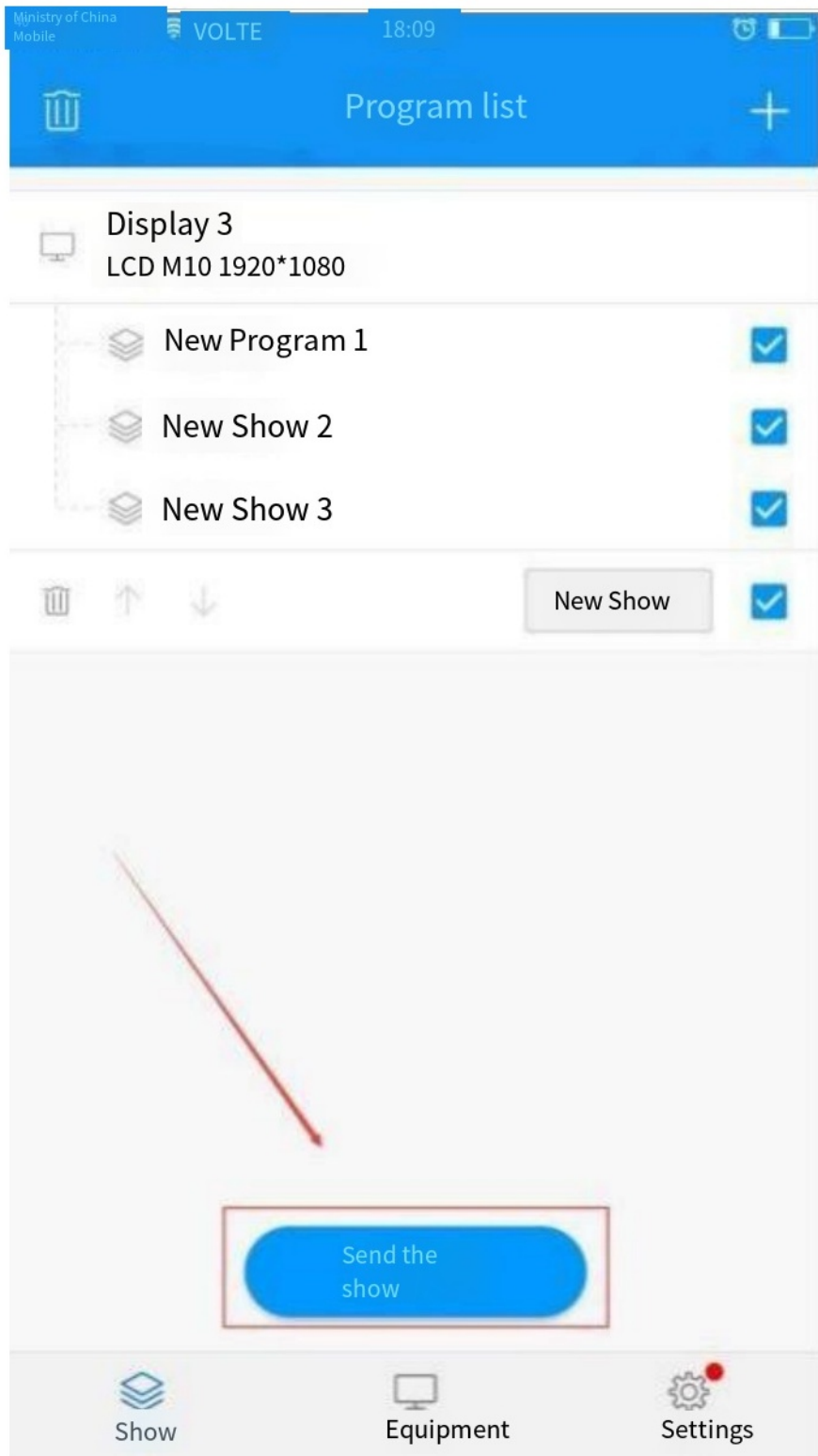
(1) Single program transmission

After editing the program, click "Send" in the upper right corner to send the program.



(2) Multi-program transmission

Exit the program interface and return to the program list. You can add multiple programs and send multiple programs.



10. Remote control

Select the "Device" module, click "Remote Control", and the remote control function can be used - power on/off, next/previous program.

Pause/play, adjust volume, adjust brightness, etc.



 : On/off;

 : Menu key to enter the system menu;

 : Select up or previous program;

 : Select down or next program

 : Select up or Next program;

 : Select up or next program;

 : Confirm;

 : Play/pause;

 : return;

 : Mute;

 : volume reduction;

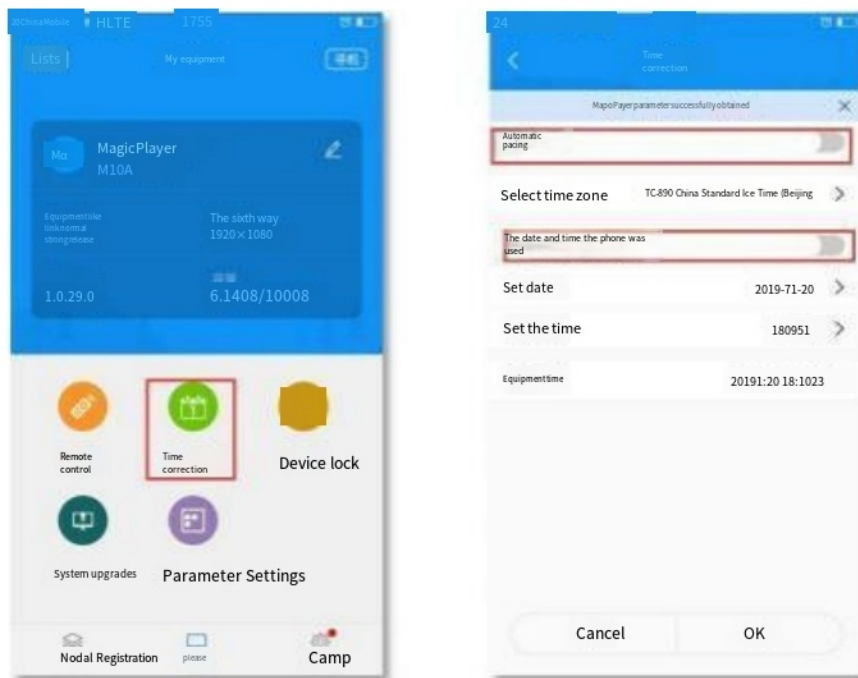
 : volume increased;

 : Brightness decreased;

 : brightness plus;

11. Time correction

Select the "Device" module, click "Time Correction", and the time can be corrected.



There are three modes for the time correction:

- (1) Automatic synchronization. If the controller is connected to the Internet and this setting is enabled, the time can be automatically synchronized with the Internet time.
- (2) Date and time of using the mobile phone, synchronize the time on the mobile phone;
- (3) When neither of the above two settings is enabled, the time can be manually modified.