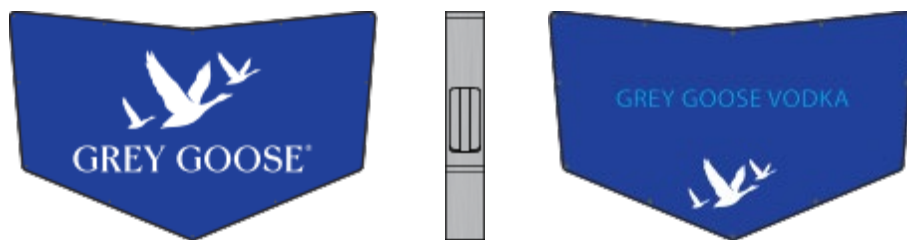


Instruction Manual

GGV LED Board



Importer Name: HH Associates US INC.
Importer Address: 203 N. LaSalle St Suite 1800
Chicago Illinois 60601, United States
abpremiums@hhglobal.com
Tel: (312) 642-3700
Manufactured in China



IMPORTANT INSTRUCTIONS

- When using this product, the following safety precautions should always be followed.
- Read all the instructions carefully before use and save for future reference.
- The owner has the responsibility to ensure the following guidelines are read and followed by end user(s). Failure to adhere to the guidelines may lead to injury including fire, electric shock or other hazards that could potentially cause property damage or even fatal injury. The manufacturer, importer or distributor cannot be held responsible for any malfunctions or injuries arising from the failure to comply with these guidelines or any misuse of product.
- For indoor use only.
- The supplied DC power adapter is for charging purposes only.
- **USE DC ADAPTER ONLY!** Please use original DC charger. Use of incompatible adapter or any substitutes could cause **MALFUNCTIONING, DAMAGE OR FIRE!**
- When starting the LED board, it is normal that the LED display flickers for approx. 2 seconds.
- The LED display starts to flicker when the battery is low. Please turn off the LED display and charge the battery.

HOW TO USE

Please scan the QR code labelled "Detailed Tutorial" with your smartphone and follow the operational steps before use.

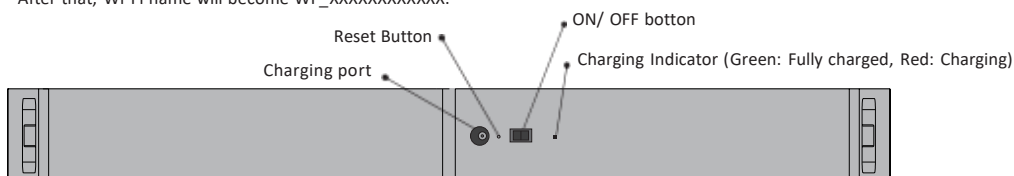


Detailed Tutorial



Download "LedArt"

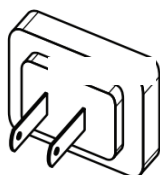
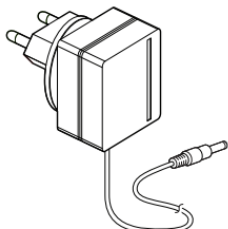
- Scan the QR code to download the "LedArt" from Google Play/ App Store.
- Please read the "Detailed Tutorial".
- After downloading the "LedArt", switch on the ON/OFF button of LED board, then connect it to the app as indicated in the tutorial.
Wi-Fi Name: WF1_GGV_LED_BOARD_XXX Wi-Fi Password: GGV88866
- **RESET button:** Use a pin/ thin object to press and hold the reset button for 10 seconds, to reset the configuration to factory defaults. After that, Wi-Fi name will become WF_XXXXXXXXXX.



Electrical Parameter of LED board

Adapter: Input:100-240V~50/60Hz; Output: 12.8V DC,1.875A
Battery type: lithium rechargeable battery: 11.1V 6000mAh 66.6Wh
Estimated battery charging time: 8 hours
Estimated battery working time: 12 hours

Universal Adapter



AC 100 ~ 120V

HOW TO CONNECT (for android)

Step 1 Switch on the LED board.

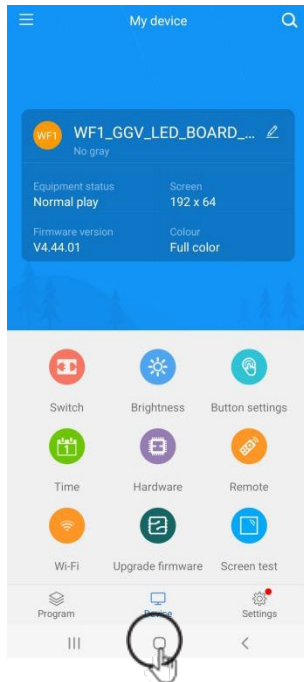


Step 2 Connect to the Wi-Fi. Name: WF1_GGV_LED_BOARD_H64
Password: GGV88866

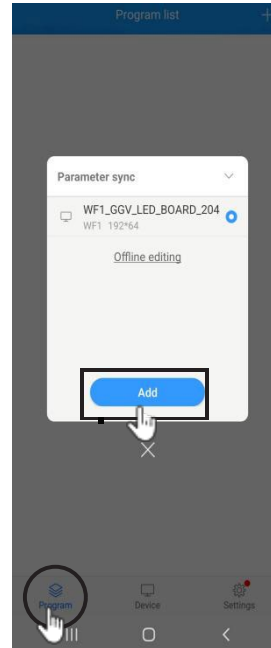


Please note that only ONE device can be connected to Wi-Fi at a time, otherwise it will be disconnected. If the app disconnects with the LED board, please turn off Wi-Fi and LED board and reboot. Make sure app is updated before connecting.

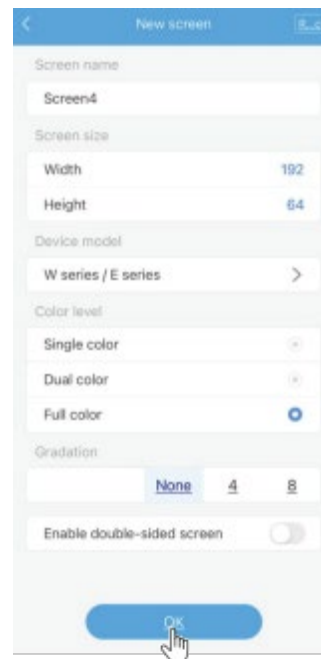
Step 3 Open the app and select "Devices". If the connection is successful, the Wi-Fi network will be displayed.



Step 4 Select "Programs" to find the Wi-Fi network and select "Add".

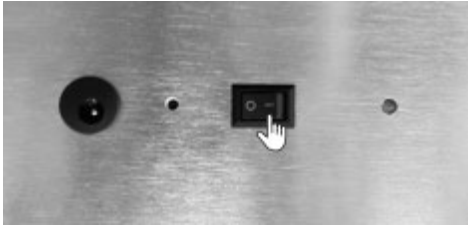


Step 5 Click "OK".



HOW TO CONNECT (for iphone)

Step 1 Switch on the LED board.

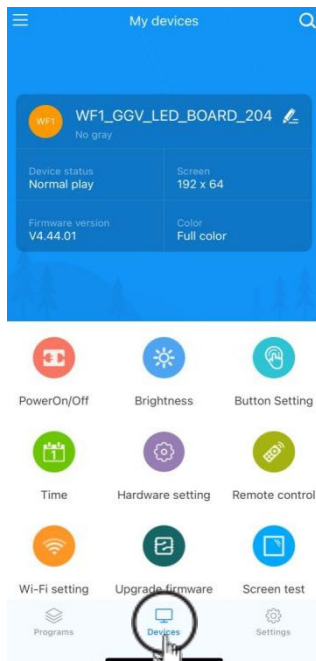


Step 2 Connect to the Wi-Fi. Name: WF1_GGV_LED_BOARD_H64
Password: GGV88866

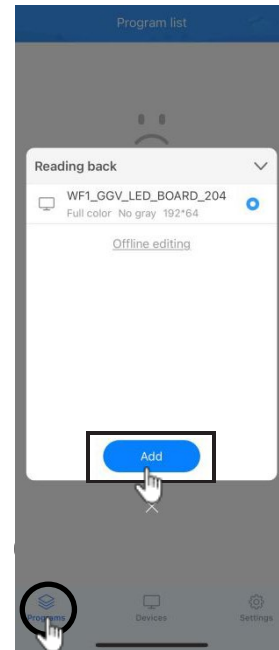


Please note that only ONE device can be connected to Wi-Fi at a time, otherwise it will be disconnected. If the app disconnects with the LED board, please turn off Wi-Fi and LED board and reboot. Make sure the app is updated before connecting.

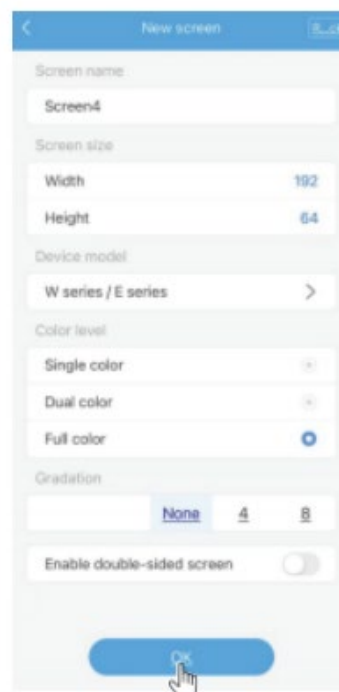
Step 3 Open the app and select "Devices". If the connection is successful, the Wi-Fi network will be displayed.



Step 4 Select "Programs" to find the Wi-Fi network and select "Add".

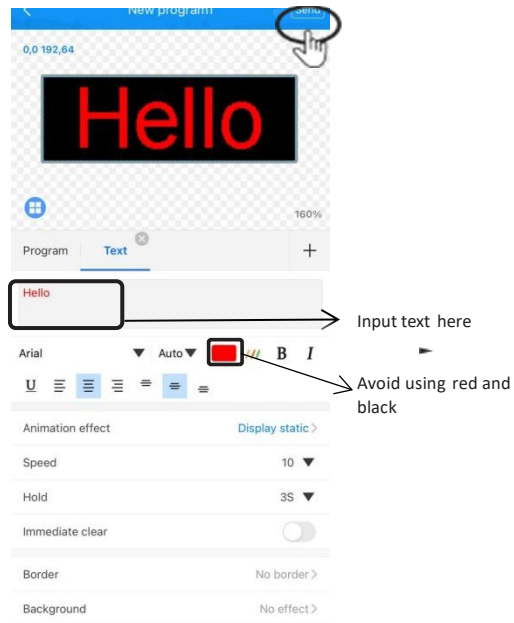


Step 5 Click "OK".



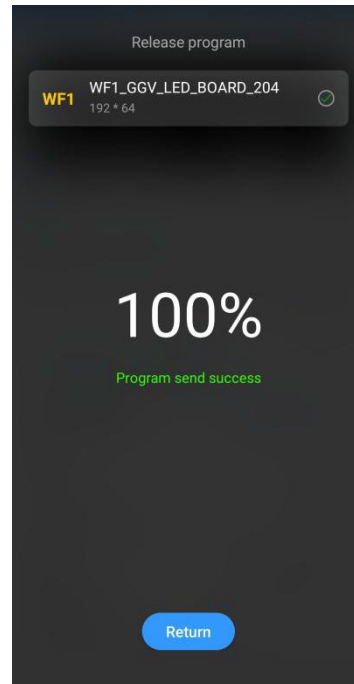
HOW TO CONNECT

Step 6 Input the text to be displayed on the LED board and then click "Send".



*Avoid using red and black text for message because it is less obvious. Please note different font types, sizes and text movements are available.

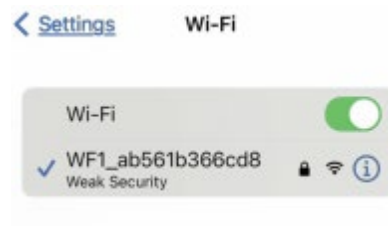
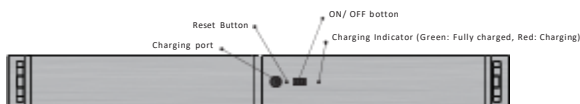
Step 7 Once the program is 100% loaded, the message will be displayed on the LED board.



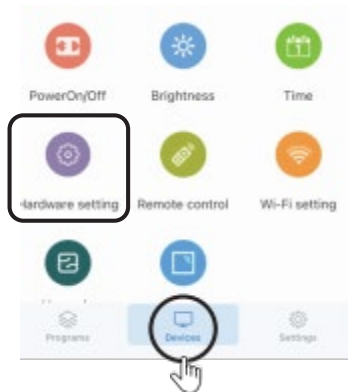
HOW TO RESET THE LED BOARD AND APP SETTINGS

Step 1 Please turn off the LED board before resetting. Use a pin/ thin object to press and hold the reset button, at the same time, switch on the LED board, keep hold the reset button for 10 seconds.

Step 2 After 10 seconds, stop pressing the button and 2 lighting rows will appear on the LED board. After resetting, the Wi-Fi name will change to WF1_XXXXXX. The password will change to 88888888. Please use this password to reconnect to the Wi-Fi.



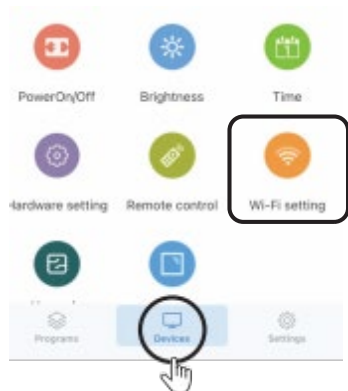
Step 3 Open the app, select “Devices” and “Hardware setting”.



Select the below illustrated settings and then select “Manual confirmation”.

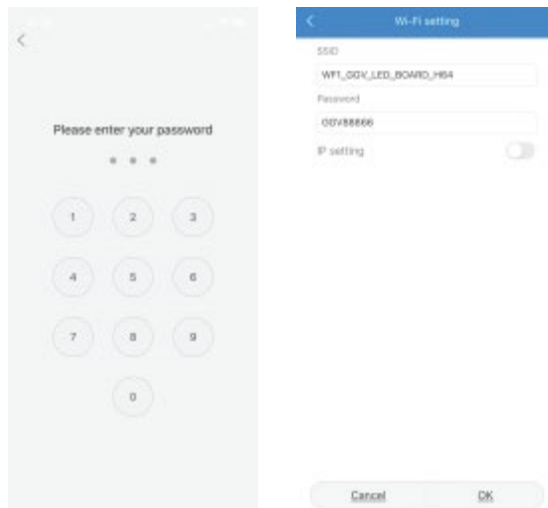


Step 4 Select “Devices” and “Wi-Fi setting”.



Step 5 Enter the password: 888

Create new SSID/Wi-Fi name and password, then select “OK”.



Step 6 Connect to Wi-Fi with new Wi-Fi name and password to connect to the LED board.

WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

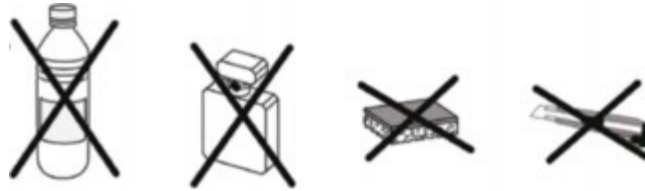
Caution: To maintain compliance with the RF exposure guidelines, place the unit at least 20cm from nearby persons.

- ◆ Not suitable for outdoor use.
- ◆ Do not attempt to modify, disassemble, open, drop, crush, puncture, shred and/or replace any of the accessories and/or parts. Keep the LED board and DC charger away from any heat sources and direct sunlight to prevent heat build-up.
- ◆ Do not put the LED board, DC charger near or in any sources of fire.
- ◆ DANGER! Never handle an electrical item with wet hands.
- ◆ Do not charge the LED board for over 12 hours. Always disconnect when not using any devices.
- ◆ Do not charge the LED board using any substituted DC charger.
- ◆ Do not use excessive force when inserting or removing the DC charger from the LED board to avoid damaging the LED board or socket.
- ◆ Please use a dry soft cloth ONLY.
- ◆ Do not charge the LED board in humid conditions.
- ◆ Do not use the LED board while charging.
- ◆ This is not a toy – keep away from children.

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced. This appliance contains batteries that are non-replaceable.

WARNING: For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance. For indoor use only

MAINTENANCE



- Clean with a soft and damp cloth.
- Always keep the LED board and adapter in a dry, clean and safe environment.
- Always keep the device away from all metal objects (e.g. coins, keys, hairpins, etc.) as these could cause short circuit.
- Store the LED board in a dry environment at a temperature of -5°C to 35°C.
- Ensure the cable and adapter are removed when LED board is fully charged.
- Keep the LED board, DC charger away from any heat sources and direct sunlight to prevent heat build-up.
- The LED board will lose power during storage, you may need to recharge it after each use.
- Regularly inspect your LED board terminal connections to ensure they are clean and tidy.
- Ensure the battery is at least charged once a month to avoid deep discharging to preserve battery health.

Help the environment by disposing of your product responsibly. The wheelie bin symbol indicates that the product must not be disposed in the appropriate waste stream as it may contain substances that could be harmful to the environment and health. Please use designated collection points or recycling facilities when disposing of the item. Do not dispose of electrical devices as unsorted municipal waste; use separate collection facilities. Contact your local government for information regarding the collection system available. If electrical items are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced. This appliance contains batteries that are non-replaceable.

WARNING: For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.

For indoor use only