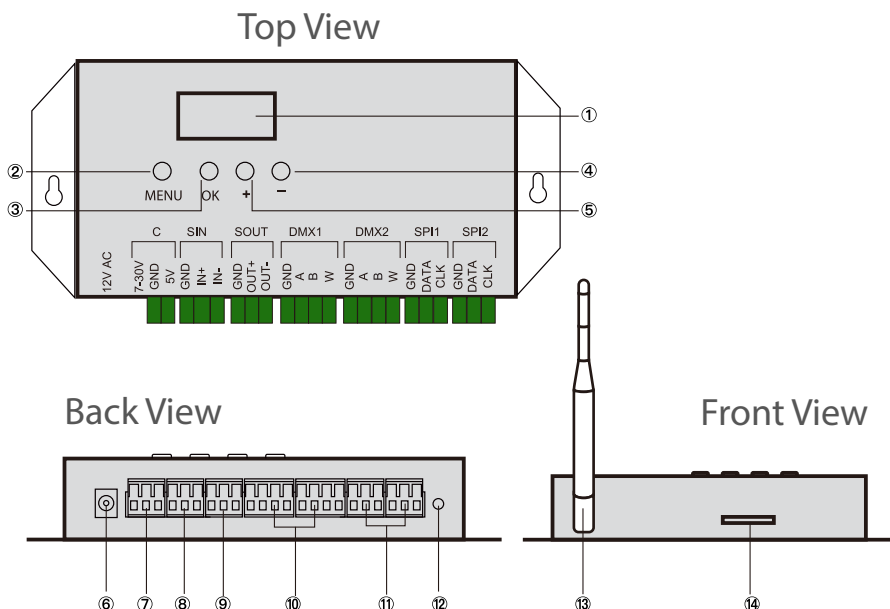


TALENT II USER GUIDE

V2-3.3



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|--------------------|--------------------------------------|
| 1. LCD SCREEN | 8. SYNCHRONOUS LINE INPUT |
| 2. MENU BUTTON | 9. SYNCHRONOUS LINE OUTPUT |
| 3. Confirm or Save | 10. DMX512 OUTPUTS |
| 4. Decrease Value | 11. SERIAL SIGNAL OUTPUT TERMINAL |
| 5. INCREASE VALUE | 12. INFRARED REMOTE CONTROL RECEIVER |
| 6. A/C POWER | 13. WiFi RECEIVING ANTENNA |
| 7. DC POWER INPUT | 14. SD CARD |

Contact Information:

Email: Customerservice@g2glighting.com

Corporate Phone: **973-575-2600**

Doug Driscoll National Sales Manager: **551-486-0844**

INSTALLATION NOTES

1. Controller has to be wired to be on 24/7. Modules/fixtures can be controlled via a switch/timer.
2. Install controller in an accessible location for maintenance - please don't mount inside a cabinet/sign that will make any service work difficult.
3. All controllers have to be installed in weather tight enclosures (NEMA4 recommended). They are not rated for locations where condensation can be a problem.

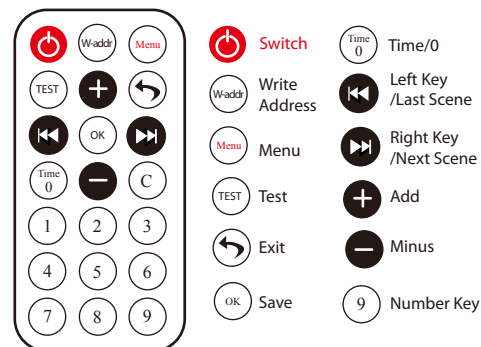
TALENT II C1005 & TALENT II WIFI C100501 USER GUIDE

REMOTE INSTRUCTION

1. Go to the location of the Controller. Open the box or enclosure that the Controller is located in, if applicable.
2. Remove the tab that protects the battery life of the remote.
3. The IR remote requires a direct line of sight of the Controller to change scenes. Use the **+** and **-** buttons to change the scene.
4. Using the program list provided by G2G, locate the scene number associated with the scene you would like. Use the **+** and **-** buttons to change to the desired scene.
5. Once you reach the scene you like, place the protective tab back to protect the battery life of the remote.

The scene will continue to play as long as the Controller is power continuously.

If the Controller is turned off and back on, it will play the default program. Please see the instructions below on how to set the default program.



***IR Remote requires a direct line of sight of the Controller.**

****IR Remote range is a few feet from the Controller.**

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1.PHYSICAL BUTTONS & REMOTE GUIDE (C1005 AND C100501)

1.1 HOW TO CHANGE PROGRAMS

1. Go to the location of the Controller. Open the container, if applicable.

2. Using the physical  and  buttons on the face of the Controller, change the scene to the desired scene. Using the program list provided by G2G can help you locate the scene # associated with your desired scene.

3. Close any containers applicable.

1.2 HOW TO CHANGE CONTROLLER SETTINGS

If power is cut to the Controller, when the Controller is reenergized, it will play the default program.

The following instructions go over how to set the default program.

***It is preferred to keep the Controller on at all times and only us the IR remote or the WiFi app to turn off the Controller.**

It is like a small computer needs to shut down or boot correctly so programs are not corrupted.

1. Open the enclosure that contains the Talent II controller.

2. Using either the IR Remote or the physical buttons on the Controller, please press  until you reach "INDEX":

INDEX
=01

3. Set the index value to the program number associated with the desired scene.

Use  or  to increase and decrease the value. Please refer to the program list provided by G2G.

4. Click  to save.

5. The default scene has been set.

6. If you want it to rotate through all the scenes, set "INDEX" = LOOP.

INDEX
=Loop

***IR Remote requires direct line of sight and range is a few feet from the Controller.**

**** WiFi app requires you to be connected to "Simple Wi-Fi" or "G2G Talent-Wi-Fi_+xxx" network broadcasted by the Controller and range is a few feet.**

1.3 HOW TO SET SPEED

1. Open the enclosure that contains the Talent II Controller.
2. Using either the IR remote or the Physical Buttons on the Controller, press  until you reach the speed option.
3. Use the  and  to increase or decrease the value to your preferred speed.
4. To change the framerate, click the next button  and then use the either  or  to adjust the value.
5. Press "OK" to save the speed change.

*IR Remote requires direct line of sight and range is a few feet from the Controller.
** WiFi app requires you to be connected to "Simple Wi-Fi" or "G2G Talent- Wi-Fi_+xxx" network broadcasted by the Controller and range is a few feet.

1.4 HOW TO SET DATE & TIME

1. Open the enclosure that contains the Talent II Controller.
2. Using either the IR remote or the Physical Buttons on the Controller, press  until you reach the DATE setting.
3. Using  and  to increase or decrease the value. Use the   to switch between digits.
4. Press  to save the DATE change

2015
--05-18
5. Press  until you reach TIME and repeat steps 3-4.

TIME
19:30:18

1.5 HOW TO SET BRIGHTNESS (C1005 AND C100501)

1. Open the enclosure that contains the Talent II Controller.
2. Using either the IR remote or the Physical Buttons on the Controller, press  until you reach the BRIGHT setting.

BRIGHT
=100%

3. Using  and  to increase or decrease the value. Use the   to switch between digits.
4. Press  to save the brightness change.

2. IOS APP/ANDRIOD APP GUIDE

2.1 HOW TO SET UP THE APP ON YOUR DEVICE

2.1.1 IOS APP

1. Go to the App Store and download the App G2G Spirit. 
2. Once you have the G2G Spirit App installed and opened, click on the Setting icon at the top right of the screen. 
3. Then click login. 
4. Click and Hold the first empty box at the top left of the screen. 
5. You will have to enter the login settings now.
6. The Login settings are as shown as below. Please hit confirm.

name	1
ip	192.168.2.1
port	8000
cancel confirm	

7. Once you have entered the information, the box should look like this.

1

192.168.2.1

8000

8. Go to your WiFi Setting, connect to the network called "Simple Wi-Fi" or "G2G Talent- Wi-Fi_+xxx" network. Stay in the WiFi Settings for 60 seconds after connecting. Some smart devices detect networks with no internet connection and use cellular service instead. You may be prompted that the network has no internet, click stay connected.
9. MAKE SURE TO SET THE CONTROLLER REMOTE TO: WIFI

REMOTE=
WIFI

2.1.2 ANDROID APP

1. Go to the Android app download page on G2G Lightings website:
<https://g2glighting.com/index/app.html>



- a. You can also go www.g2glighting.com, go to Download, then app. You will see the LED Spirit app on the app download page.
2. Your device may warn you that LED Spirit.apk is from unknown sources. Click, Allow.
3. If the Download or install of the program did not trigger this prompt. Please proceed to your settings and enable "Allow Installation from Unknown Sources".
 - a. The easiest way to find this is to go to your settings on your phone and use the search function, usually placed as a magnifying glass icon. Search, "Unknown" and hit enter.
 - b. You should see a setting similar to "Install unknown apps".
4. Once you have enabled "install unknown apps", go to your app drawer and find an app such as "Files", "File Manager" or "My Files".
5. Open the file explorer, then go to Downloads and find the .apk named "LED Spirit.apk".
6. Double tap the icon to install the apps.
7. Follow installation steps as prompted.
8. Once you have the LED Spirit app installed and opened, click on the magic wand icon at the top right of the screen.
9. Then click login. 

10. Click and Hold the first empty box at the top left of the screen.
11. You will have to enter the login settings now.
12. The Login settings are as shown as below. Please hit confirm.



13. Once you have entered the information, the box should look like this.
14. Go to your WiFi Setting, connect to the network called G2G "Simple Wi-Fi" or "G2G Talent- Wi-Fi_+xxx" network. Stay in the WiFi Settings for 60 seconds after connecting. Some smart devices detect networks with no internet connection and use cellular service instead. You may be prompted that the network has no internet, click stay connected.
- If your phone/tablet has successfully connected to the controller, you should see a list of 20 programs if your SD card inside the controller has them loaded. From this list you can select the program of choice.
15. MAKE SURE TO SET THE CONTROLLER REMOTE TO: WIFI

REMOTE=
WIFI

2.2 HOW TO USE MAIN INTERFACE

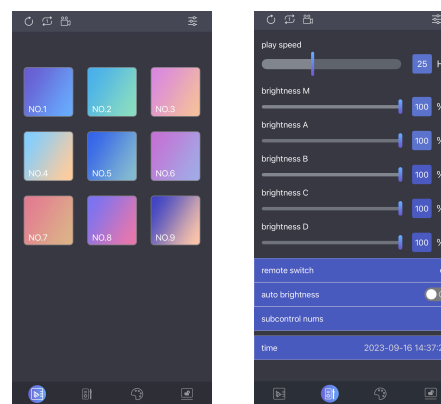
2.2.1 IOS APP

1. Click the Operation Page: 

In this interface, you can switch program, loop, change name, switch background and play the main interface menu.

- a. Function indication—refresh  click this icon to refresh the current mobile program status.
- b. Function indication—program mode display  program loop playback  single program loop playback.
- c. Function indication—current mode status display. 

2. Click the Setting Page: In this interface, you can set time synchronization, playback speed, overall and each channel brightness, remote monitoring and other settings.



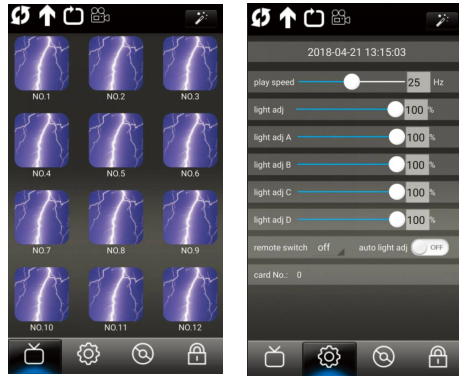
2.2.2 ANDROID APP

1. Click the Operation Page: 

In this interface, you can switch program, loop, change name, switch background and play the main interface menu.

- a. Function indication—refresh  click this icon to refresh the current mobile program statue
- b. Function indication—upload  click this icon to upload the current operation instruction.
- c. Function indication—program mode display  program loop playback  single program loop playback.
- d. Function indication—current mode statues display 

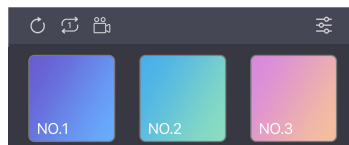
2. Click the Setting Page: In this interface, you can set time synchronization, playback speed, overall and each channel brightness, remote monitoring and other settings.



2.3 HOW TO CHANGE PROGRAMS

2.3.1 IOS APP

- Once you have the Apple APP set up follow these steps.
(GO TO APP SET UP SECTION TO LEARN HOW TO SET UP APP.)
- Go to your WiFi Setting, connect to the network called G2G "Simple Wi-Fi" or "G2G Talent- Wi-Fi_+xxx" network. Stay in the WiFi Settings for 60 seconds after connecting. Some smart devices detect networks with no internet connection and use cellular service instead. You may be prompted that the network has no internet, click stay connected.
If your phone/tablet has successfully connected to the controller, you should see a list of 20 programs if your SD card inside the controller has them loaded. From this list you can select the program of choice.
- Open the G2G Spirit app on your IOS device. (Device sold separately).
- Go to the Setting icon at the top right of your screen.
Looks like below.
- Click login. Looks like below:
- Double tap the first box at the top left** with the login information.
This will refresh the program screen. The box shows information:
- Double tap the program associated with the desired scene.
(Please refer to G2G Lighting's provided program list. If you are using the default programs, that can be found on G2G Lighting's LED product page.)
- If you would like an additional scene(s) to be added, please contact your sign fabricator or G2G Representative to submit a program revision request.



2.3.2 ANDROID APP

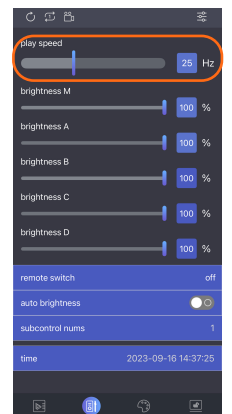
- Once you have the android app set up follow these steps.
(GO TO APP SET UP SECTION TO LEARN HOW TO SET UP APP.)
- Go to your WiFi Setting, connect to the network called G2G "Simple Wi-Fi" or "G2G Talent- Wi-Fi_+xxx" network. Stay in the WiFi Settings for 60 seconds after connecting. Some smart devices detect networks with no internet connection and use cellular service instead. You may be prompted that the network has no internet, click stay connected.
If your phone/tablet has successfully connected to the controller, you should see a list of 20 programs if your SD card inside the controller has them loaded. From this list you can select the program of choice.
- Open the LED Spirit app on your android capable device. (Device sold separately).
- Go to the magic wand icon at the top right of your screen.
Looks like below.
- Click login. Looks like below:
- Double tap the first box at the top left** with the login information.
This will refresh the program screen. The box shows information:
- Double tap the program associated with the desired scene. (Please refer to G2G Lighting's provided program list.
(If you are using the default programs, that can be found on G2G Lighting's LED product page.)
- If you would like an additional scene(s) to be added, please contact your sign fabricator or G2G Representative to submit a program revision request.



2.4 HOW TO SET SPEED

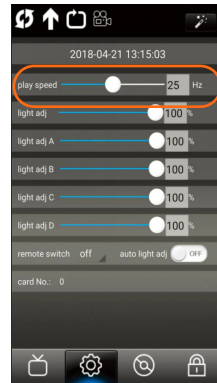
2.4.1 IOS APP

- Go to the  icon.
- Pull the "play speed" bar to set the speed.



2.4.2 ANDROID APP

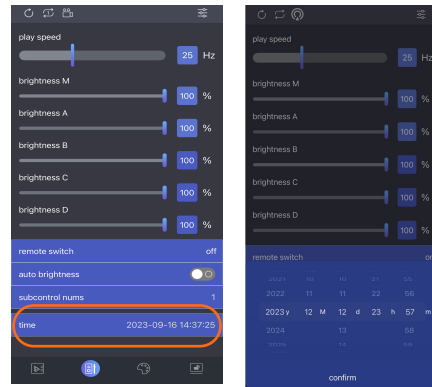
1. Go to the  icon.
2. Pull the “play speed” bar to set the speed.



2.5 HOW TO SET DATE & TIME

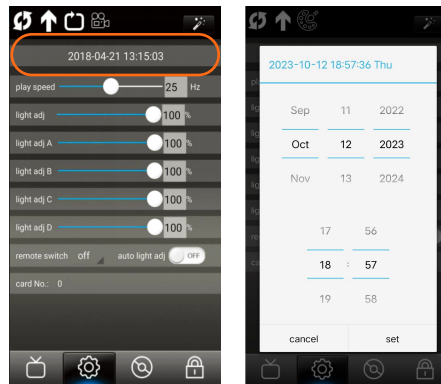
2.5.1 IOS APP

1. Go to the  icon.
2. Click the “time” column to choose a date.



2.5.2 ANDROID APP

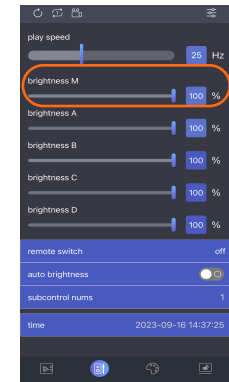
1. Go to the  icon.
2. Click the “time” column to choose a date.



2.6 HOW TO SET BRIGHTNESS

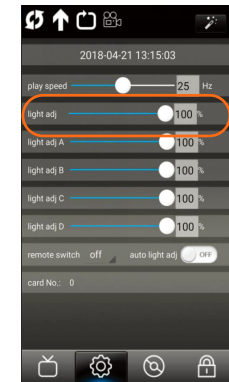
2.6.1 IOS APP

1. Go to the  icon.
2. Pull the “brightness” bar to set the brightness.



2.6.2 ANDROID APP

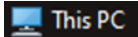
1. Go to the  icon.
2. Pull the “brightness” bar to set the brightness.



3.LOADING PROGRAMS ONTO THE SD CARD

1. After downloading the program files from either an email or the default programs found on each of the product pages onto your desktop. Right-click the zip file downloaded and click "Extract All."

2. Connect the SD Card to your PC/Laptop and go to your file explorer.

On the left pane you will see "This PC" or "My PC". 

3. Locate the SD Card Drive. Right-click the SD Card and click Format: 

4. If not selected already, go under "FILE SYSTEM" and make sure that it's set to "FAT32".

5. Once that is selected, click "START", you will be asked if you want to delete all the files on the SD Card. Click Ok.

6. After the SD Card has been formatted, go to the extracted files and copy the program files onto the SD Card.

(Program files will have filenames with "OSS" and "CFG", please make sure only to move the program files onto the SD Card. The Controller will not recognize folders or pdfs.)

7. Once all the program files are copied to the SD Card, disconnect the SD Card from the PC/Laptop and insert the SD Card into the Controller.

4.INSTALLATION NOTES

1. Controller has to be wired to be on 24/7. Modules/fixtures can be controlled via a switch/timer.

2. Install controller in an accessible location for maintenance - please don't mount inside a cabinet/sign that will make any service work difficult.

3. All controllers have to be installed in weather tight enclosures (NEMA4 recommended). They are not rated for locations where condensation can be a problem.

5.TROUBLESHOOTING

1. Double-clicking the scene on the app doesn't change the lights.

- Make sure you are connected to "Simple Wi-Fi" or "G2G Talent- Wi-Fi_+xxx" network.
- Make sure to stay connected if prompted no internet on the network.
- Make sure you logged in using the login page. Double click the login credentials to refresh the app and program list.
- Kill the app using the multi-task screen and restart the app, log in by double-clicking the credentials and double click the scene.
- Restart the device and controller. Keep both devices off for 30 seconds and try again.

2. Remote is not changing the scene:

- The remote is an IR remote needs line of sight and has a range of up to a few feet.
- The battery may need to be changed. Make sure to use the battery guard provided with the remote.

3. I don't see my new programs.

- Make sure to refresh the list on app or login again on the login screen to refresh the data.
- Repeat the instructions for loading programs onto the SD Card instructions. Make sure to use the latest zip file.

4. My PC says that the SD Card is locked when I try to make changes to the SD card.

- On the physical SD Card there is a lock mechanism. Unload the SD Card and unlock the mechanism and reconnect the computer.

5. A part of my sign is the wrong color or flashing.

- Call your sign fabricator or G2G Representative. Power distribution or data needs to be reassessed.

6.The file download from the website is a .zip instead of .apk. (For Android)

- Make sure your "Install Unknown Sources" is set to enabled. Use file manager to change the filename by removing .zip and replace with .apk.

For videos on product overviews and instructions check out the Talent II Controller product page at:

<https://g2glighting.com/index/power/52.html>