G2G LIGHTING
CREATING A GREENER WORLD

Talent II RF User Guide

TOP VIEW

RECEIVING
ANTENNA

MENU OK + −

12V AC | 7-30V | GND | 5V | C | GND | SIN | IN+ | IN- | SOUT | GND | OUT+ | OUT- | DMX1 | GND | A | B | W | DMX2 | GND | A | B | W | SPI1 | GND | DATA | CLK | SPI2 | GND | DATA | CLK

BACK VIEW

FRONT VIEW

1. LCD SCREEN
2. MENU BUTTON
3. Confirm or Save
4. Decrease Value
5. INCREASE VALUE
6. A/C POWER
7. DC POWER INPUT

8. SYNCHRONOUS LINE INPUT
9. SYNCHRONOUS LINE OUTPUT
10. DMX512 OUTPUTS
11. SERIAL SIGNAL OUTPUT TERMINAL
12. INFRARED REMOTE CONTROL RECEIVER
13. RECEIVING ANTENNA
14. SD CARD

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HOW TO USE RF REMOTE

① — ⑧ Specific Program Scene

⑨ Right Key/Next Scene

⑩ Left Key/Last Scene

⑪ Loop

⑫ Stop
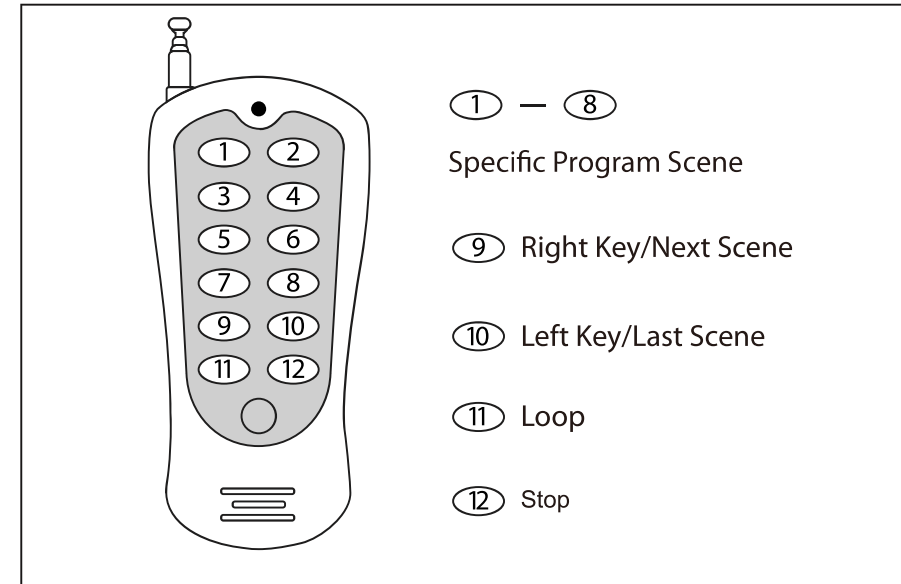
1. Button 1-8 refers to the program scene 1-8. If there are more than 8 scenes, press button 9 and 10 to switch to other scenes.

2. Press button 9 to switch to the next scene.

3. Press button 10 to switch to the last scene.

4. Press button 11 to loop play all programs.
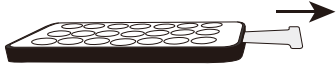
5. Press button 12 to pause playing programs.

TALENT II RF (C100502)
## HOW TO CHANGE PROGRAMS
WHEN USING THE REMOTE

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.
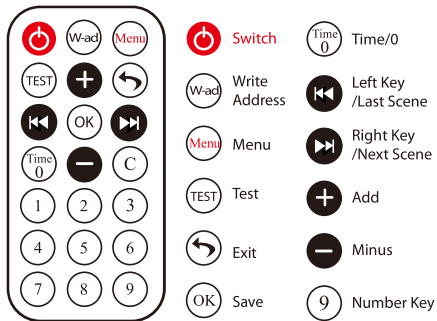Use the ➕ and ➖ buttons to change the scene.

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.
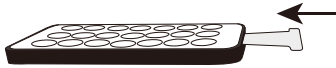
The scene will continue to play as long as the Controller is power continuously. If the Controller is turned off and back on, it will play the default program. Please see the instructions below on how to set the default program.

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

W-ad / Menu	Switch
TEST / ↩	Write Address
⏮ OK ⏭	Left Key /Last Scene
Time 0 / C	Right Key /Next Scene
1 2 3	Menu
4 5 6	Test
7 8 9	Exit
OK	Save / Add / Minus
	Number Key

WHEN USING THE PHYSICAL BUTTONS ON THE CONTROLLER: (C100502)

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.

HOW TO CHANGE CONTROLLER SETTINGS:
HOW TO SET THE DEFAULT PROGRAM: (C100502) VIA REMOTE AND PHYSICAL BUTTON

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 [Menu] 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 [OK] 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 the Simple WiFi Network broadcasted by the Controller and range is a few feet.

HOW TO SET SPEED (C100502) VIA REMOTE AND PHYSICAL BUTTONS

1. Open the enclosure that contains the Talent II Controller.
2. Using either the IR remote or the Physical Buttons on the Controller, press [Menu] 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.

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*IR Remote requires direct line of sight and range is a few feet from the Controller.
** WiFi app requires you to be connected to the Simple WiFi Network broadcasted by the Controller and range is a few feet.

HOW TO SET DATE & TIME (C100502) VIA REMOTE AND PHYSICAL BUTTONS

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

2015 --05-18

5. Press [Menu] until you reach TIME and repeat steps 3-4.
HOUR(S) : MINUTE(S) : SECOND(S)

TIME 19:30:18

HOW TO SET BRIGHTNESS (C100502) VIA REMOTE AND PHYSICAL BUTTONS

1. Open the enclosure that contains the Talent II Controller.
2. Using either the IR remote or the Physical Buttons on the Controller, press [Menu] 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 [OK] to save the DATE change

INSTRUCTIONS FOR 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". 🖥 This 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 "OFF" 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.

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.

TROUBLESHOOTING

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

a. Make sure you are connected to the "Simple WiFi" network.

i. Make sure to stay connected if prompted no internet on the network.

b.Make sure you logged in using the login page. Double click the login credentials to refresh the app and program list.

c. Kill the app using the multi-task screen and restart the app, log in by double-clicking the credentials and double click the scene.

d. Restart the device and controller. Keep both devices off for 30 seconds and try again.

2. Remote is not changing the scene:

a.The remote is an IR remote needs line of sight and has a range of up to a few feet.

b.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.

a.Make sure to refresh the list on app or login again on the login screen to refresh the data.

b.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.

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

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

a.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.

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

b. Call G2G Lighting Representative

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

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