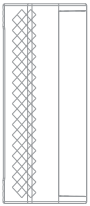
Product Overview

The TL98C is a compact and stylish RGB stick light with a built-in 3200mAh lithium battery. It offers dual-color temperature mode, HSI color, and FX scene modes, and additionally supports APP control and wireless DMX functionality. The magnetic base enables versatile attachment to metal surfaces at different angles.

Package Content

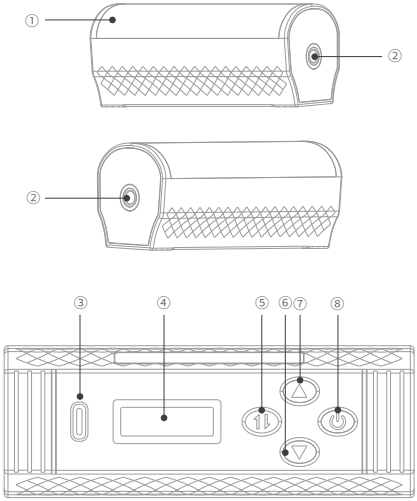


RGB Stick Light ×1



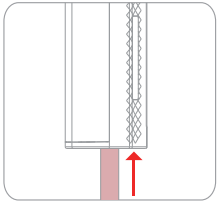
USB Cable ×1

Product Illustration



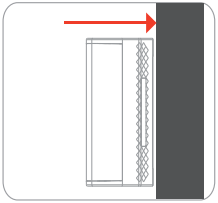
① Light Body
② 1/4" Thread Hole
③ USB C Charging Port
④ Display Screen
⑤ Setting Switch Button
⑥ Setting "-"
⑦ Setting "+"
⑧ Power/Mode Switch

Installation Instructions



1. Using with a Tripod

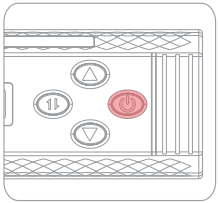
Align the screw at the top of the tripod or light stand with the threaded hole at one end of the stick light. Rotate the stick light to secure it.



2. Attaching to a Metal Surface

Place the back of the stick light close to the metal surface, and it will automatically adhere to the surface.

Using the Product

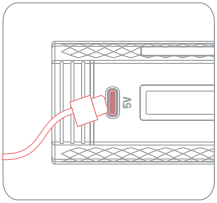


- Power / Mode Switch

1. Press and hold the " ⏻ " button to turn the stick light on or off.
2. Press the " ⏻ " button to switch modes.

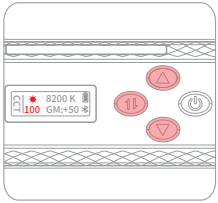
Using the Product

EN



- Charging

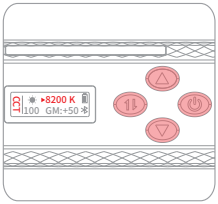
Connect a 5V 2A charger to a power source and insert the USB C connector into the device. At this point, the battery icon will light up progressively: every 30% charge will illuminate one segment, and when all segments are displayed, the battery is fully charged.



- Brightness Adjustment

In any mode, press the " 1↓ " button to select the brightness level, then use " ▲ " or " ▼ " to adjust it.

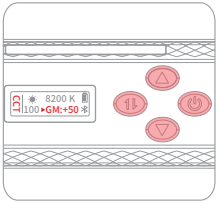
Using the Product



- Color Temperature Adjustment

① Press " ⏻ " to enter **CCT** mode.

② Press " ⇅ " to select the temperature, then use "▲" or "▼" to adjust the value.

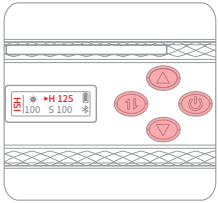


- GM (Green-Magenta) Value Adjustment

① Press " ⏻ " to enter **CCT** mode.

② Press " ⇅ " to select the **GM** value, then adjust it with "▲" or "▼."

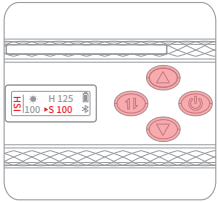
Using the Product



- Hue Adjustment

① Press " ⏻ " to enter **HSI** mode.

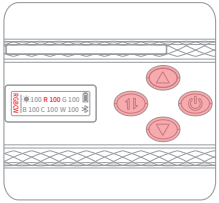
② Press " ⇅ " to select the "**H**" value, then adjust the hue using "▲" or "▼."



- Saturation Adjustment

① Press " ⏻ " to enter **HSI** mode.

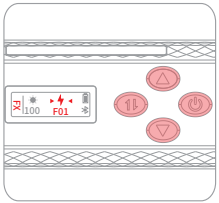
② Press " ⇅ " to select the "**S**" value, then adjust saturation with "▲" or "▼."



- RGBCW Adjustment

① Press " ⏻ " to enter **RGBCW** mode.

② Press " ⇅ " to select "**R**", "**G**", "**B**", "**C**", or "**W**", then adjust values with "▲" or "▼"



- Scene Selection

① Press " ⏻ " to enter **FX** mode.

② Press " ⇅ " to select a scene, then use "▲" or "▼" to switch between different scenes.

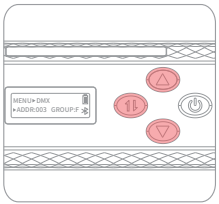
Using the Product

Pre-set Lighting Effects

F01	Lightning	**F02**	Paparazzi	**F03**	Defective bulb
F04	Explosion	**F05**	Welding	**F06**	CCT Flash
F07	Hue flash	**F08**	HUE Pulse	**F09**	CCT Pulse
F10	Cop car	**F11**	Candlelight	**F12**	HUE loop
F13	CCT loop	**F14**	INT loop	**F15**	TV screen
F16	Fireworks	**F17**	Party	**F18**	Music

DMX Instructions

- Activating DMX for the Stick Light



① Press and hold the "⇅" button to activate the DMX function.

② Press the "⇅" button to select either "**ADDR**" or "**GROUP**" Then, press the "▲" or "▼" button to adjust the channels and group settings.

- Downloading the App

Please install the "NEEWER" app on your Android or iOS device. Scan the QR code below to download the app.

⚠ Note: As is the case with most apps, GPS location needs to be enabled on Android devices to obtain full functionality in the app.

IOS

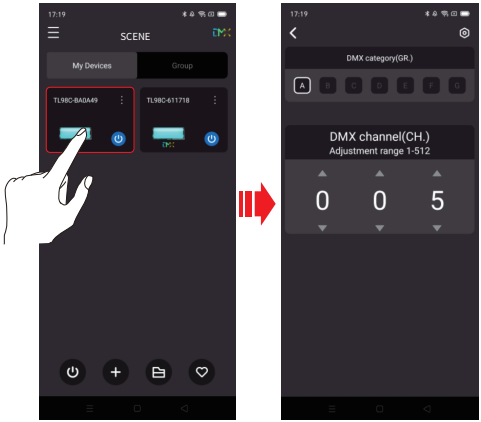
Android

DMX Instructions

EN

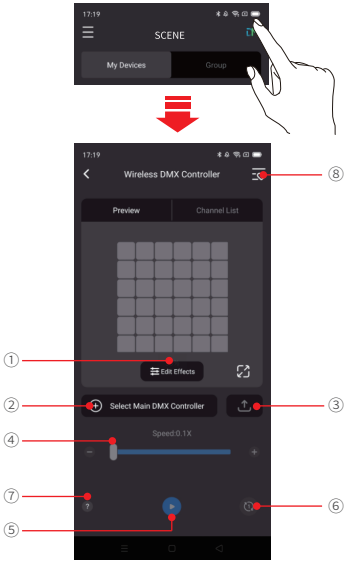
- Operating Procedure

1. Open the app and tap the "+" icon to add the "TL98C" device (DMX function is enabled by default). Tap the device to access the group and channel settings. Here, you can select the DMX group (A/B/C/D/E/F/G) and adjust the DMX channels (1-512). Ensure all devices are in the same group and configured according to the channel list in the wireless DMX control panel.



DMX Instructions

2. Tap the DMX icon in the upper right corner of the scene page to access the wireless DMX control panel. In the initial view, you will find:



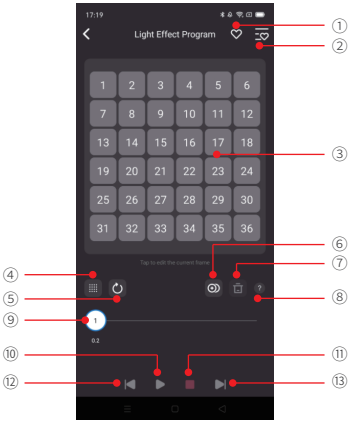
DMX Instructions

EN

① **Edit Effects:** Tap to enter the effect programming page.
② **Select DMX Host:** Access the DMX host list for selection (single choice).
③ **Upload Effects:** Upload the current DMX effect to the host (requires a host and existing DMX effects).
④ **Speed Adjustment:** 0.1x, 0.2x, 0.5x, 1x, 2x, 3x, 4x, 5x.
⑤ **Play Button:** Play/Pause/Stop.
⑥ **Loop Settings:** Single play/loop.
⑦ **Help:** Opens a help prompt.
⑧ **Favorites List:** Access previously saved effects.

※ Once effects are created and a DMX host device is selected, the speed adjustment, play button, and loop settings will be highlighted and available for use.

3. Tap "Edit Effects" to access the "Effect Programming" Page



The following features will be displayed upon first entry:

① **Add Favorites:** Tap to save the current effect to your favorites by entering a name in the prompt box.

DMX Instructions

② **Favorites List:** Access a library of DMX effects, including "My Favorites" (your saved effects), "System" (system-provided effects for download), and "Shared" (user-shared effects available for download).

③ **Light Group Color Display Box:** Tap to modify color settings for the light group in the current frame.

④ **Layout Settings:** Tap to adjust layout options and change the number of light groups.

⑤ **Programming Reset:** Tap to reset the current effect programming with a confirmation prompt.

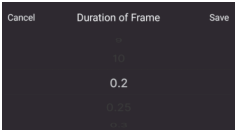
⑥ **Create Frame:** Tap to create a new frame that copies color settings from the selected frames (max 1000 frames, newly created frames are checked by default).

⑦ **Delete Frame:** Delete the selected frame with a confirmation prompt.

⑧ **Help:** Tap to see descriptions of button functions; Tap the delete button to close the help window.

⑨ **Axes:** Tap on frames to check and view corresponding light group colors.

9.1 Frame Time: Tap on the time below each frame to set duration. There are 26 options: 0.2s, 0.25s, 0.3s, 0.35s, 0.4s, 0.45s, 0.5s, 0.55s, 0.6s, 0.65s, 0.7s, 0.75s, 0.8s, 0.85s, 0.9s, 0.95s, 1s, 2s, 3s, 4s, 5s, 6s, 7s, 8s, 9s, 10s; the default is 0.2s (previous frame time is copied when creating a new frame).



Note: Tap "Save" to apply your changes after selection. Tapping "Cancel" will retain the previous frame time.

⑩ **Play Button:** When two or more frames are available, the play button becomes active, allowing you to display effects (including the color display boxes for the axes and their corresponding frames; during playback, the axis will move to indicate the current frame).

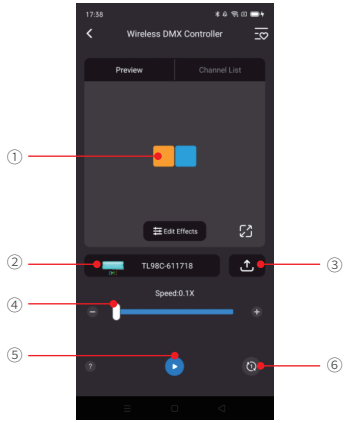
⑪ **Stop Playback Button:** During playback, the stop button is active. Tap to stop playback and select the current frame.

⑫ **Previous Frame:** Tap to switch to the previous frame. This option is unavailable at the first frame or during playback.

⑬ **Next Frame:** Tap to switch to the next frame. This option is unavailable at the last frame or during playback.

DMX Instructions

4. After creating effects and selecting the host:



① Effect Preview Box:

(1) **Preview:** Dynamically preview the edited effect, with a full-screen option.

(2) **Edit Effects:** Access the editing page for the current effect.

② **DMX Host Selection Box:** Displays the selected host' s icon and name; Tap the switch button to change the host (button unavailable while the effect is playing).
③ **Upload Button (Upload Status):** After creating a DMX effect and selecting a host, Tap to open the upload dialog.
④ **Speed Adjustment:** Options include 0.1x, 0.2x, 0.5x, 1x, 2x, 3x, 4x, 5x (default is 1x); available during device operation with effects.
⑤ **Play Button:** Tap to upload the effect status. When successful, the play button will change to a pause/terminate button (available during device operation with effects).



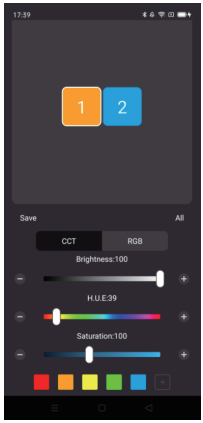
The pause and continue buttons toggle between each other, allowing you to pause and resume playback.

⑥ **Loop Settings:** Toggle between single play and infinite loop (available during device operation with effects).

※ Select a DMX device as the host and switch it to DMX mode.
※ You cannot switch the host while the DMX effect is running.
※ When the DMX effects run on the phone and the mobile connection is lost, the DMX control panel effects will continue, but the DMX host selection box will be empty.

DMX Instructions

5. Single Frame Color Settings



On the effect programming page, select a frame on the axis and tap the light group color display box to open the single frame color settings interface. Here, you can configure lighting settings (CCT/HSI) for each light group in the frame. The interface features fixed light control at the bottom and displays the current frame light group at the top. The bottom control bar supports CCT/HSI modes, with HSI as the default.

【CCT Settings】

Brightness: 0-100% in ±1% increments (default: 50%)
Color Temperature: 2500-10000K in ±100K increments (default: 5500K)
GM: -50 to +50 in ±1 increments (default: 0)
Frequently Used Color Temperatures: 6 (5 by default, 1 additional).
Long press and drag the color block to delete a color. Tap "Add" to save the current color temperature (default: 3200K, 3600K, 4000K, 4500K, 5000K).

【HSI Settings】

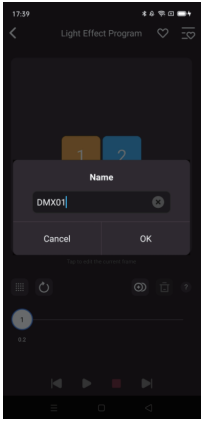
Brightness: 0-100% in ±1% increments (default: 50%)
Hue: 0-360° in ±1° increments (default: 210°)
Saturation: 0-100% in ±1% increments (default: 100%)
Frequently Used Colors: 6 (5 by default, 1 additional).
Long press and drag the color block to delete a color. Tap "Add" to save the current color (default: FF0000, FFA800, FFFC00, 00FF1E, 00A8FF).

【Light Group Selection】

Select multiple light groups for uniform adjustments (the color in the bottom control bar represents the first selected group).
Tap a selected group to deselect it.
Select All: Tap to select all light groups.
Save: Tap to return to the light effect programming page.

DMX Instructions

6. Light Effect Favorites (Save the current light effect)



Tap the "Add Favorites" button in the upper right corner on the light effect programming page. A prompt with an input box will appear, displaying the default name of the current light effect "DMX_NUMBER" (the number of currently saved DMX effects plus one).



Tap "Confirm" to save the light effect using the default name.
Enter a custom name in the input box and Tap "Confirm" to save it.
Tap "Cancel" to abort the saving process.

Favorite Content
Name: Default name or user-defined name.
Time: Date and time when Confirm is tapped (year/month/day/hour/minute/second).
Number of Light Groups: Total selected light groups in the layout.
Frame Count: Total frames created on the axis.
Frame Content: Light settings for each group per frame, including CCT (brightness, color temperature, GM) or HSI (brightness, hue, saturation).

7. DMX Light Effect Library (My Favorites, System Effects, Shared Effects)
To access the DMX light effect library, tap the "Favorites List" button in the upper right corner of the DMX console or light effect programming page. The library includes three sections: My Favorites, System Effects, and Shared Effects.

DMX Instructions

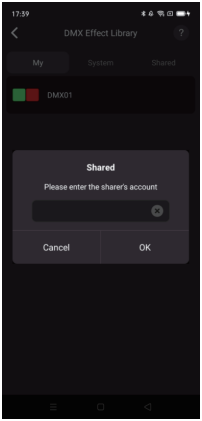
【My Favorites】
This section showcases light effects that the user has edited and saved, displaying the following information:
The first frame image of the light effect
Name of the light effect
Share upload status (shown only if shared)

List Operations: Tap an item to view light effect details.

List Sorting: Effects are arranged in descending order by collection date (newest first).

Details Display:
Name of the light effect
Collection time (year/month/day/hour/minute/second)
Share button
Light effect preview (loops through the effect)
Number of light groups
Frame count
Delete button
Call button
Rename button

Share Button: Tap to open a popup for sharing options.



Enter the NEEWER account of the recipient you wish to share with.
After tapping "Confirm," the data will be sent to the user's account via the cloud. The recipient can view the shared data in the DMX Light Effect Library under the Shared list.

Call Button: This button allows you to directly use the shared data.

DMX Instructions

【System Effects】

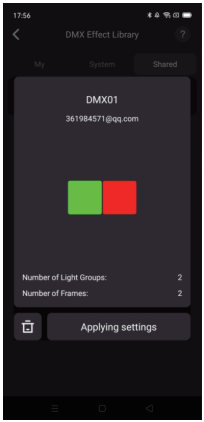
This section displays pre-installed light effects with the following information:
The first frame image of the light effect
Name of the light effect
Download button (hidden for already downloaded effects)

List Operations: Tap on an item to view light effect details.
Download Status:
Not Downloaded: Tap the download button to initiate the download.
Downloaded: Tap to view details.
List Sorting: Fixed.
Details Display:
Name of the light effect
System preset label (fixed)
Light effect preview (loops through the effect)
Number of light groups
Frame count
Call button

Call Button: Tap to directly use the data associated with the light effect.

【Shared Effects】





Shared Light Effects List:
This section displays light effects shared by other users, including:
The first frame image of the light effect
The name of the light effect
Download button (hidden for already downloaded effects)

DMX Instructions

List Operations: Tap an item to view light effect details.
Details Display:
The name of the light effect
NEEWER account of the user who shared the effect
Light effect preview (loops through the effect)
Number of light groups
Frame count
Delete button
Call button

Call Button: Tap to directly use the data associated with the light effect.

Battery Use Precautions

1. Do not dismantle, modify, or attempt to repair the built-in battery. Unauthorized actions may result in battery leakage, overheating, fire, or explosion.
2. Use only original or verified chargers to avoid risks of overcharging or short circuits.
3. If the charging speed is unusually fast or slow, or if the indicator light flickers abnormally, stop charging immediately and contact customer service.
4. Keep the product away from flammable or explosive materials.

Notes

1. This product is not dustproof or waterproof.
2. Handle with care; avoid dropping, colliding, or subjecting it to strong impacts.
3. Do not block ventilation openings to prevent overheating and potential fire hazards.
4. Keep the product away from flammable or volatile substances to avoid fire or smoke.
5. Always turn off the power when the product is not in use.

Specifications

Product Model	TL98C
Number of LEDs	96PCS
Maximum Power	4W
Maximum Illuminance	310Lux/0.5m
Battery Capacity	3.7V, 2600mAh, 9.62Wh
Charging Voltage	5V/2A
Charging Time	2 hours 10 minutes
Battery Life	Approx. 2.5 hours at 100% brightness
CRI	97
Color Temperature	2500K~10000K
Brightness	0%~100%
GM	-50 ~ +50
Saturation	0 ~ 100
Hue	0 ~ 360
Operating Temperature	0°C~40°C
Storage Temperature	-10°C～50°C
Relative Humidity	20%～80%