



## RGB LIGHT PAINTER PRO LED WAND



USAGE MANUAL



### Battery Installation

Insert included Sony style NP-F750 battery by setting it into the top of the battery compartment and sliding it down until it snaps in place.

*Note: The max run time for the Savage RGB Light Painter Pro LED Wand is approximately 3.5 hours at full power. For longer desired run times, a Sony style high-power battery such as Savage's BNP-F970 battery can be purchased separately to extend the run time up to 140 minutes at full power.*

To remove, simply push up on the battery until it releases.

The light wand comes with a wall charger. A fully drained battery will take approximately 6 hours to restore to a full charge.

### AC Power Option

Your Savage RGB Light Painter Pro LED Wand can also be used with the included AC power supply for continuous use. Insert cord into the AC plug located on the left side of the light when display is visible. Remove battery when using AC cord as the light will not recharge the battery when both are attached.



## Wand Control Settings

On/Off: Press the color selector knob (5) to control power.

### RGB MODE

Press the Hue/Saturation Selector (2) marked "H/S".

If the "H/S" indicator light is green, press again and it will turn red.

With the red light on, you will now be able to select from 200 unique colors by turning the color selector knob (5).

If you wish to change the hue and saturation of the selected color, press the "H/S" button back to green, then use the color selector knob (5) to increase/decrease the color intensity and saturation. To select another color, press the "H/S" button back to red, and repeat the above steps as desired.

### DAYLIGHT MODE

#### ADJUST COLOR TEMPERATURE

Press bi-color selector (7) marked "Tem" to activate the 5600K/3200K LEDs. Turn the selector knob (5) to adjust the color temperature from 30 (3200K/Tungsten) to 50 (5500K/daylight).

Span through the temperature options with the selector knob (5), to blend the Tungsten and daylight LEDs to match the available light in the room or to warm/cool your subject.

#### ADJUST BRIGHTNESS

Press the power level selector marked "Bri" (4).

Rotate the selector knob (5) clockwise to brighten or counterclockwise to dim the light output at the selected color temperature. Power level adjusts from 20% - 100%.

#### CHECK BATTERY LEVEL

Press the battery level indicator marked "Bat" (6).

P9 indicates a battery level between 90%-100%.

P8 indicates a battery level between 80%-89%.

The pattern continues to P1, indicating a 10% or lower battery level.

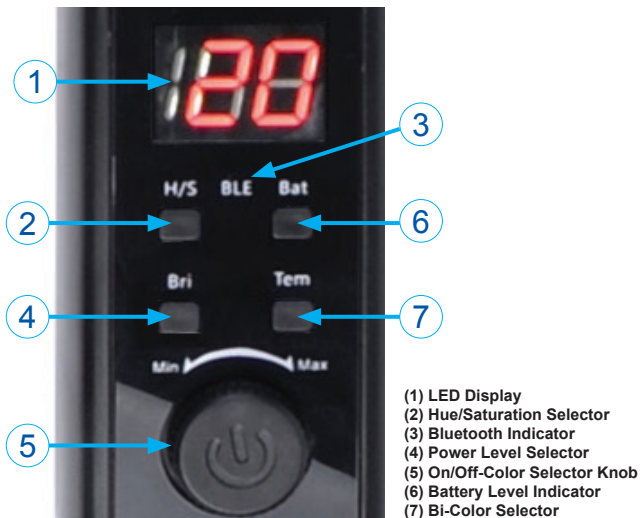
## Features

### MOUNT

Mount the wand to a light stand or boom arm using the 1/4"-20 female thread on the bottom of the wand.

### HANG

Screw the included metal hook into the female thread at the top of the wand to hang it from another accessory.



HANGING HOOK THREADS



MOUNT THREADS



## Smart Phone App

The Savage RGB Light Wand can be controlled remotely using the free Savage "Light Manager" App available for download in both the Google Play Store and Apple App Store. To locate, search "Light Manager" and look for the icon pictured at the bottom of this page.

With the Bluetooth setting on your phone enabled, press the On/Off Knob (5) on the back of the wand. Open the Savage "Light Manager" app on your phone. Pairing the wand in your phone manually is unnecessary.

Once paired, the "BLE" light on the back of the wand should illuminate. If the "BLE" light is not illuminated, the wand is not paired. The wand should sync with the app automatically as soon as the app is opened. The wand will not pair until the app is opened.

*Note: Note: The wand will not unpair unless the Bluetooth function on your phone is turned off in the settings menu or the battery is removed. Remove the battery for storage to prevent accidental draining between uses.*

The "BLE" indicator will remain on during use. After use, you will need to turn the Bluetooth function on your phone off before storage to prevent the wand's battery from draining. After unpairing, you can turn the Bluetooth function back on and the wand will not re-pair until the app is opened again.

### SPECIAL EFFECTS

There are 4 activity controls at the bottom of the app. Tap the activity button at the bottom that you wish to activate.

### ADJUST FUNCTION

The adjust function allows the user to change color, brightness, Kelvin temperature, save colors, and adjust hue and saturation.

#### PRIMARY COLOR WHEEL (A)

Primary Color Wheel (A) allows user to scroll around the color wheel to select 200 different colors. Once the desired color has been selected, slide right on the white "Light Output Bar" (2) to increase or left to decrease light output.

#### HUE AND SATURATION WHEEL (B)

Tap the color wheel (1) in the top left hand corner of the app.

This function allows the user. change to the "Hue and Saturation Wheel" (B).

The wheel will allow you to change the hue and saturation of the color selected on the wand.

Tap the area of the color wheel anywhere inside the wheel to make your selection.

You may also drag your finger inside the wheel until you observe the desired color on the wand.

Below the Light Output Bar (2), there are 6 programmable "Preset Buttons" (3) that allow you to save the color of your choice for future use.

To save a color, tap any of the 6 preset buttons. A check mark will appear in the box. Scroll to the color of your choice on the color wheel. Tap the checked preset button again to uncheck the box. The check mark will disappear and the box will change to the color you selected. That color is saved for future use.

You can repeat the above steps to save up to 6 colors, the presets will not save the light level. Only the desired color.

Below the 6 presets, there are 4 common "Standard Colors". They are red, green, blue and light blue and cannot be programmed.

Simply tap to select and the wand will change to the standard color.

Press the "RGB" button to go from the selected color to white.

*Note: this white setting is using the RGB bulbs rather than the 5500K LED bulbs and will cast a somewhat blue cast.*

*For best results, we recommend using the 5500K setting in the "Color Temperature Wheel" (C).*

Select the "Off" button to turn the wand off. To turn the wand back on, tap any color on the color wheel or any of the color buttons and the light will re-start at the selected color.

#### COLOR TEMPERATURE WHEEL (C)

The Savage Light Painter Pro LED Wand can be set to 5500K /daylight output. It can also be set to 3200K /tungsten light that is similar to a cool white incandescent look.

In many rooms, there are multiple light sources in the room that are blending together. In those instances, the light in the room is neither daylight nor tungsten. The Kelvin wheel allows the user to blend the 2 light sources to match the available light in the room. It can also be used to "warm" or "cool" the subject for creative purposes.

To enable the color temperature blending function on the wand, tap the "Color Temperature Wheel" (C).

You will then be able to slide your finger around the color wheel (1) to achieve the color temperature of your choice.

Once the desired color has been selected, scroll right on the white Light Output Bar (2) to increase or left to decrease light output.

Below the Light Output Bar (2), there are 6 "Preset Buttons". They are not programmable.

The first button in the Standard presets labeled "OFF" will turn the wand off. The second button labeled "3200K" will adjust your wand to tungsten. The third button labeled "5600K" will set the wand to daylight color temperature. The 25% and 5% buttons are for reducing the light output at the selected Kelvin temperature.

The Light Output Bar (2) can also be used for finer light output adjustments.

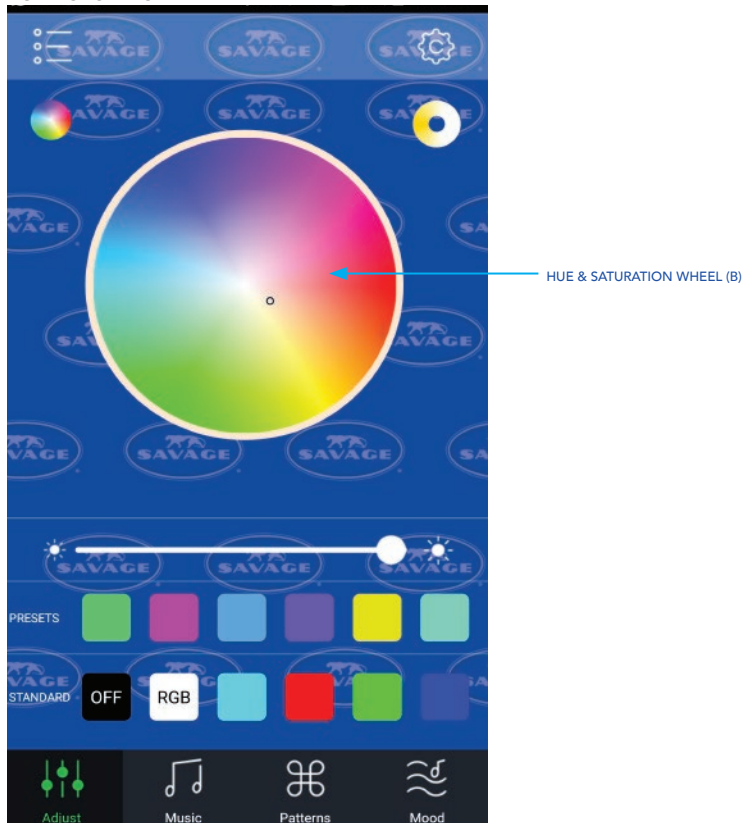
### SAVAGE LIGHT MANAGER APP



COLOR WHEEL (1)



RGB COLOR MODE



DAYLIGHT KELVIN MODE







## MUSIC FUNCTION

Your Savage Light Painter Pro LED Wand can be used to pulse with your music and audio files stored in your media library. The pulsing wand will cycle through the various colors (rainbow effect) available and match the beat of the music or voices for audio recordings. It is not possible to specify a specific color in this function. Upon launch, the app will ask for access to your device's media libraries. Allow permission if you would like to use music or audio files stored on your device to pair with the app's features. If not, disallow. If you would like to use the function but disallow at a later date, follow the procedure below:

### FOR IPHONE

- Go to your phone's Settings
- Scroll down to Apps
- Select Light Manager
- Select the Media & Apple Music button to remove permission

### FOR ANDROID

- Go to your phone's Settings
- Select Application Manager
- Select Light Manager
- Select Permissions
- Select the Storage button to remove permission

To use, tap the Music button at the bottom of the app. If permission is enabled, you will see a music list in the center of the screen. Select the song/audio recording of your choice. The selected content will begin to play. The volume bars at the top left of the screen should be green. If they are white, tap them to activate the wand. If you wish to leave the music playing but prevent the wand from pulsing, tap again and the wand and the pulsing will stop. Rewind, fast forward and pause functions are also available in the top center of the app screen.

## PATTERNS FUNCTION

This function allows the user to engage numerous special effects. The various "Pulsating" functions cause the light to gradually fade up or down. The various "Strobe" functions cause quick flashes. The various "Fade" functions are similar to the "Pulsating" functions but there are more choices. The "Pulse", "Strobe" and "Fade" functions can be slowed down or sped up by sliding the speed wheel left to slow the effect or right to speed up. The various rainbow effects cause the wand to cycle through all available colors. To select an effect, use your finger to scroll up or down to your selection. When your chosen effect is highlighted in green, the effect will be enabled. There is no need to tap to select.

## MOOD FUNCTION

The Mood function causes the wand to pulse with surrounding sounds. To use, tap the "Mood" button at the bottom of the app. The app will begin to respond to sounds in the room. If you speak, the wand should pulse. The white slide bar below the green pulsing microphone adjusts the sound sensitivity of the microphone. If you wish to filter out lower noise levels and background sounds, slide the bar to the left to decrease sensitivity. As you slide the bar to the right, the wand will gradually pick up sounds at lower noise levels. If the bar is all the way to the right, the wand will pick up all sounds including all background noise. The Mood effect is only available in "Rainbow" mode. You cannot select a specific color. The Mood function will not work unless the "Microphone" setting in your phone's Permissions settings is turned on.

### FOR IPHONE:

- Go to your phone's Settings
- Scroll down to Apps
- Select Light Manager
- Select the Microphone button to allow permission

### FOR ANDROID:

- Go to your phone's Settings
- Select Application Manager
- Select Light Manager
- Select Permissions
- Select the Microphone button to allow permission

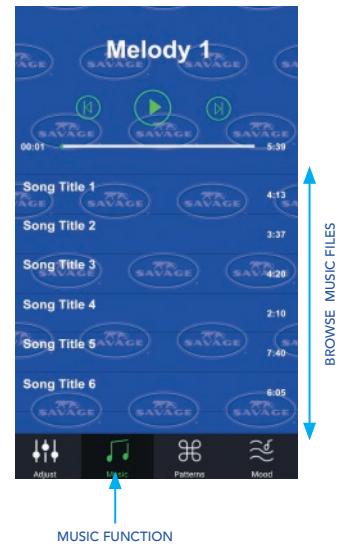
**Note: Not all special effects listed within the app will work with this specific light. Available patterns include:**

**Fade:** rainbow, red, green, blue, yellow, cyan, purple, white, red/green, red/blue, green/blue, bicolor

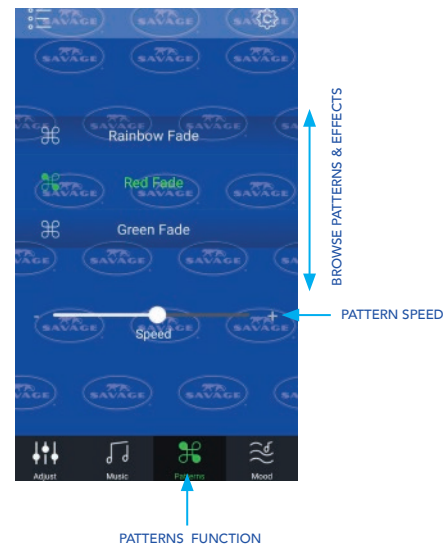
**Strobe:** rainbow, red, green, blue, yellow, cyan, purple, white

**Pulse:** rainbow, warm white, cool white, warm/cool white"

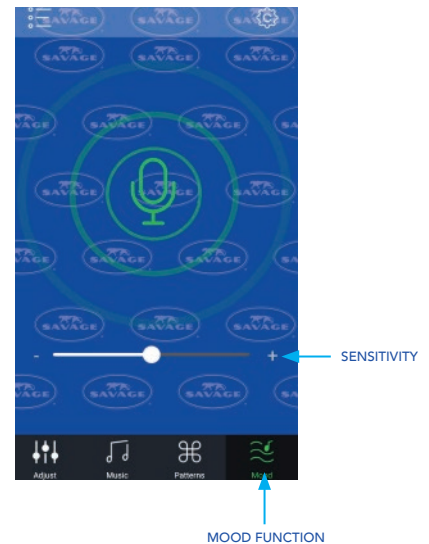
## MUSIC MODE



## PATTERNS MODE



## MOOD MODE





## Manage Bulbs

### FOR ANDROID:

Name your wand:  
Tap the "List" icon at the top left of the app. A side bar will open up that lists "Manage Bulbs"  
Click the "Settings" icon next to "Manage Bulbs". You should see the wand listed.  
It will begin with "Magic...."

Tap the wrench icon next to the listed wand. A box will open to rename. Type in the name of your choice and select OK. If you have multiple wands, it is possible to control them separately using the Savage Light Manager.

### IPHONE:

Tap the "List" icon at the top left of the app. A sidebar will open up that lists "Group Manage" and "My Device". Click "Group Manage", then "Add". Type in the name of your choice and select OK.

Repeat above steps to rename the second wand.

*Important: If you are using the app on more than one phone, you can only pair the device/devices to one phone at a time. If the device is paired to more than one phone at the same time, the functions will not work.*

### TO CONTROL MORE THAN ONE WAND USING: DEFAULT GROUPS

Tap the "List" icon at the top left of the app  
A side bar will open up that lists "Default Groups"  
Tap on right pointing arrow next to "Default Group" and you should see each paired light wand.

*Note: only wands that are currently turned on will be visible. If the wand is controllable with the app, it will be highlighted with a blue background for Android or gray for iPhone.*

If multiple wands are highlighted, then the app will control all at the same time.

If the wand does not have a blue/gray background, tap on it in the app. Blue/gray background will come on and the wand will be controllable. Note: the bulb to the left of the named wand should appear to be lighted. If it does not, tap the bulb and it will appear to light.

*Note: The chain to the right side of the wand should appear unbroken, if the 2 links appear to be separated, tap on the chain until they appear connected. Breaking the chain can be used when temporarily disabling the light from the app is desired. Only highlighted wands will be controlled by the app. To control wands separately, tap any wand icon and the blue highlight will disappear. That wand will no longer be controlled by the app allowing the user to control each wand independently.*

## Troubleshooting

**Problem:** Light behaves erratically.

### FOR ANDROID:

If the app has been running in the background for extended periods of time, the apps cache can fill up.

#### **Solution:**

To solve, close the "Savage Light Manager" app.  
Go to "Settings" in your phone.  
In settings, go to "Application Manager".  
Scroll to the app "Savage Light Manager".  
Tap "Storage".  
Tap "Clear Cache".  
This will likely solve the issue. Re-open the "Savage light Manager App" and re-try.

If light fails to pair with your device's Bluetooth, GPS/Location Service may need to be enabled.

### FOR IPHONE:

Close out of the app completely and then re-open. You can also try to remove the battery from the wand and re-attach or restart the phone completely.

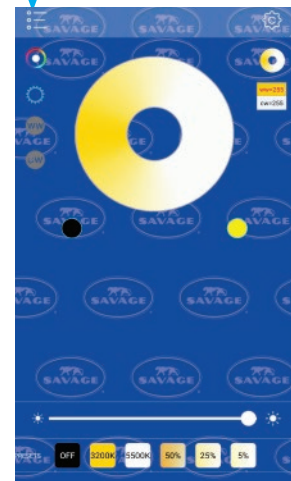
If you receive the error message "Unfortunately Light Manager has stopped." when clicking on the Mood function, it's likely that the Microphone permissions are turned off in the app. Refer to the Mood section of the instructions for more info.

If another specific activity control is not functioning, refer to that activity's section of the instructions for more info.

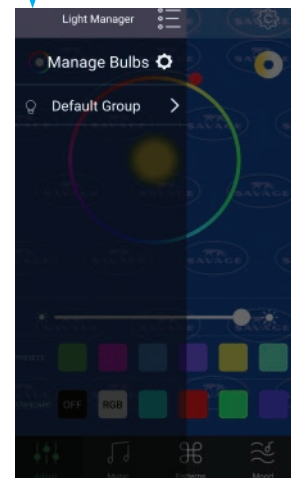
If the wand appears to be paired (BLE button on wand is on) but the wand cannot be controlled, see instructions for Default Groups. The wand that is being used should be highlighted in blue/gray, the bulb to the right of the device should appear on and the chain to the left of the described device should appear unbroken.

## MANAGING BULBS

CLICK LIST BUTTON



LIGHT MANAGER





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