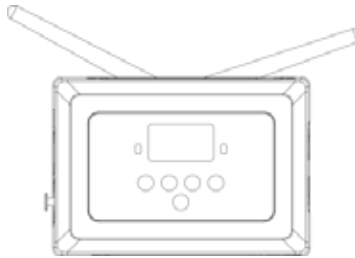


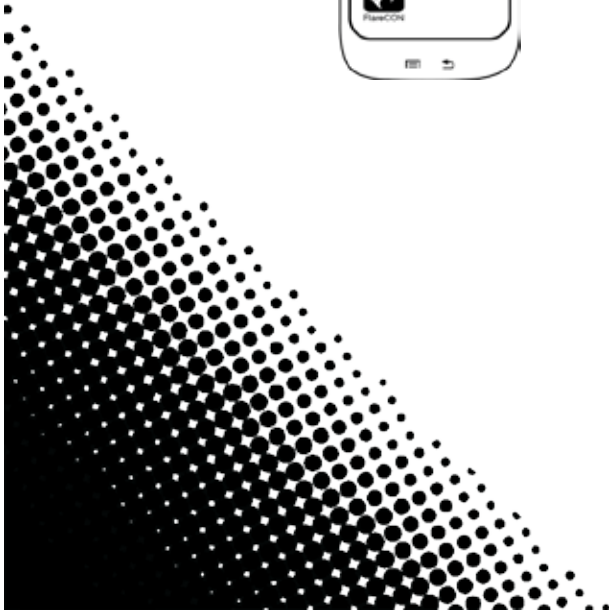
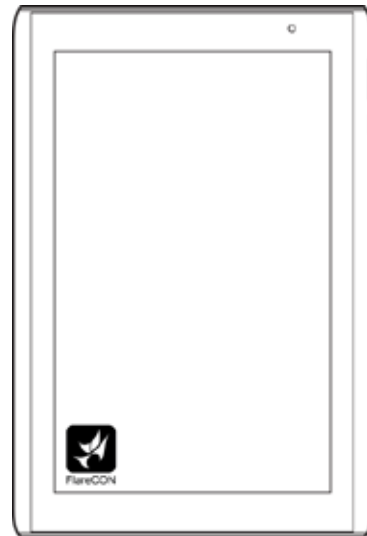
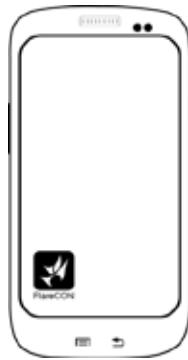


FlareCON

User Manual



For use with FlareCON™ Air Hardware Interface
along with your Smartphone or Tablet



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About The App

FlareCON app runs on Apple iOS® and Android™ operating systems to control any CHAUVET DJ Freedom Par or D-Fi receiver, as well as any other LED static wash light from your smartphone or tablet (additional hardware required). The Wi-Fi signal is generated from the FlareCON Air hardware interface and no other Wi-Fi signals are needed.

The FlareCON app sends out 6 color commands – red, green, blue, amber, white and ultraviolet, using the following DMX channel assignments:

- Channel 1 – Red (R)
- Channel 2 – Green (G)
- Channel 3 – Blue (B)
- Channel 4 – Amber (A)
- Channel 5 – White (W)
- Channel 6 – Ultraviolet (UV)



Note: The above is for Chauvet DJ products. Third party products may have different channel assignments other than the ones specified above. Please check your product's user manual for more information.

The FlareCON app has built-in selections for the CHAUVET® Freedom Par series, and also works with most RGB, RGBA, and RGBAW+UV lights, as long as they are either D-Fi compatible or can receive DMX signals via a CHAUVET® D-Fi-to-DMX product.

CHAUVET DJ static LED wash lights that are DMX-controllable but not D-Fi-ready can still be controlled via the FlareCON Air with the addition of a D-Fi hub <http://www.chauvetlighting.com/d-fi-hub.html>. For additional information about the FlareCON Air hardware interface, please visit <http://www.chauvetlighting.com/flarecon.html>.

Downloading the App

The FlareCON app is available from the Google Play Store or the Apple App Store. The FlareCON Air wireless transceiver is not required at the time of downloading or installing the app, but it is required to control lights. For more information about downloading and installing apps onto your mobile device, see the documentation that came with your mobile device.

Connecting to the FlareCON Air's Wi-Fi Network

The mobile device running FlareCON app must be connected to the FlareCON Air Wi-Fi network in order to control any lights. For information about activating the FlareCON Air Wi-Fi network, see the FlareCON Air QRG available at: <http://www.chauvetlighting.com/product-manuals-literature/>.

After the FlareCON Air network is active, connect the mobile device to the network using the mobile device's Wi-Fi functions. For information about your mobile device's Wi-Fi functions, see the documentation that came with your mobile device.

After the mobile device is connected to the FlareCON Air Wi-Fi, its Service Set Identifier (SSID) name shows in the header of the FlareCON app Main screen.

The default FlareCON Air Wi-Fi name is “CHAUVET DJ,” but this name can be changed.



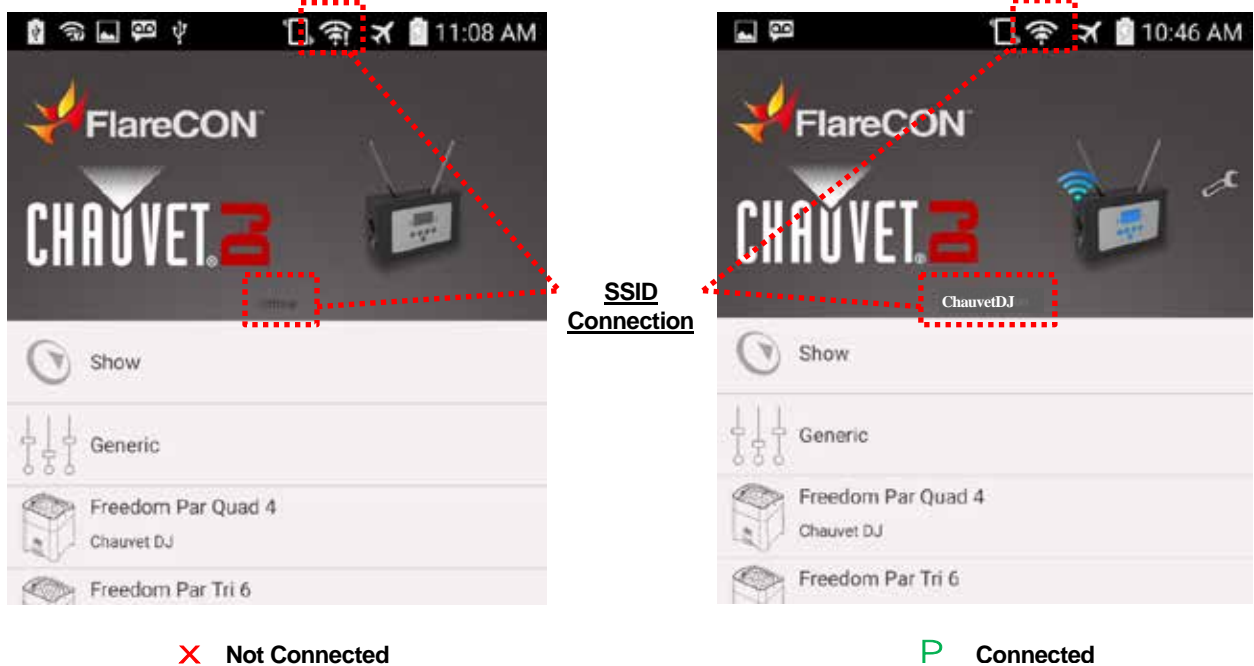
The mobile device running FlareCON should be within 100 feet (30.5 m) of FlareCON Air. Always install FlareCON Air within 600 ft (183 m) of the products receiving D-Fi. FlareCON Air works best within the line of sight of the D-Fi products.

Using the App

The FlareCON app controls lights in groups by type using the Preset, Palette, and Mixer tabs to control the color and intensity. The FlareCON app requires the FlareCON Air (sold separately) in order to control lights.

The FlareCON app works in combination with other products, and it is important to understand those products, in particular the FlareCON Air, the CHAUVET® D-Fi-to-DMX products, and the lights being controlled by the FlareCON app.

- For information about how the FlareCON app and the FlareCON Air work together, see [Connecting To The Network](#).
- For information about the FlareCON Air, see the FlareCON Air manual available at <http://www.chauvetlighting.com/product-manuals-literature/>.
- For information about configuring CHAUVET D-Fi lights and other D-Fi products, see their user manuals available at <http://www.chauvetlighting.com/product-manuals-literature/>.
- For information about other DMX lights, see their manufacturer's websites.



If you experience difficulty connecting or staying connected to the Wi-Fi network of the FlareCON Air, place your personal device into Airplane Mode and try reconnecting to the Wi-Fi network.

Password

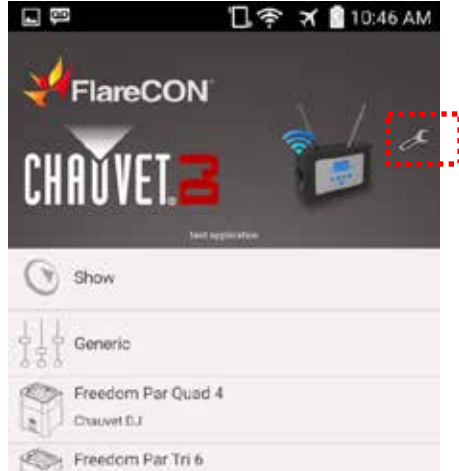
For Firmware **Version 1.3** or newer.

For older versions, contact Chauvet Customer Service to arrange for an RMA to upgrade the firmware.

Navigate to Settings

From the Main Screen;

1. Tap the Wrench icon. 



Create Password

On new hardware units without a current password:

1. Leave **Current Password** empty.
2. Enter **New Password**.
3. Enter new password again in **Repeat Password**.
4. Click **Save**.

Reconnect to the network in your phone or tablets Wi-Fi settings.

Change Password

1. Navigate to Settings in the app.
2. Enter **Current Password**.
3. Enter **New Password**.
4. Enter new password again in **Repeat Password**.
5. Click **Save**.

Power cycle the product by first turning it off, and then on again.

Reconnect to the network in your phone or tablets Wi-Fi settings.



The FlareCON App



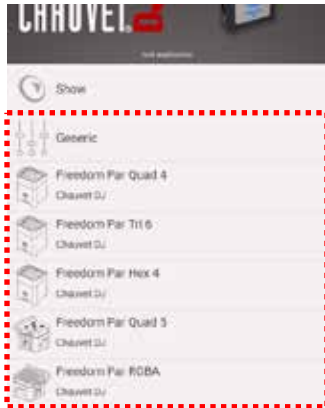
The FlareCON app screens might appear slightly different from the ones shown in this manual.



- The FlareCON Air generates its own Wi-Fi network; No additional Wi-Fi network is necessary.
- The Network Information screen is available only when the mobile device is connected to the FlareCON Air's network.

Add a product

1. Once connected, you can choose from the pre-loaded Chauvet products listed or choose generic.
2. Tap the product you want to view / modify.



Chauvet products

1. You can make edits to the following;

Channel Mode – DMX channel these products are set to

Address – DMX address you want the product/s to start on

Count – Quantity of product (for example, 4 Freedom Par Quad 4's)

Master Dimmer – 0-255

Color – Choose colors to save for scenes. See **Editing Colors** for more info

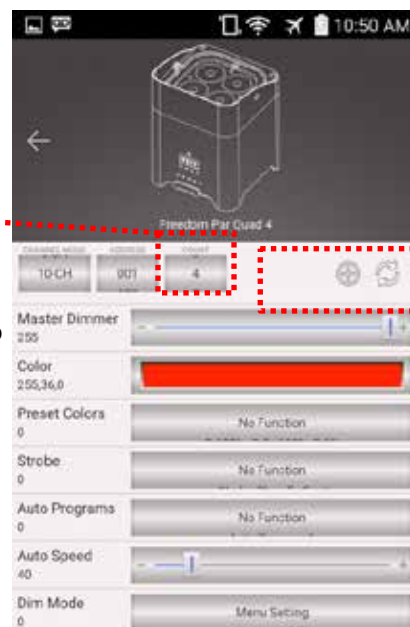
Preset Colors – Product specific preprogrammed colors

Strobe – Slow to Fast , use slider bar for specific speed

Auto Programs - Product specific preset Automatic programs

Auto Speed – Use slider bar for specific speed

Dim Mode – Set the Dimmer



2. To create a scene, tap **Add/Update**.

Third-Party products

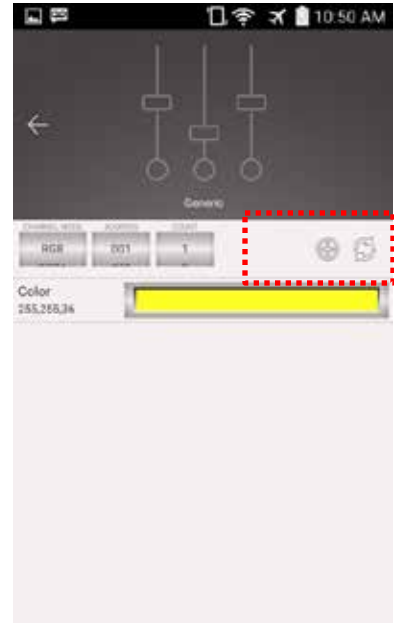
1. You can make edits to the following;


Channel Mode – DMX channel these products are set to (1-100CH) or **RGB / RGBA / RGBW / RGBAW / RGBAWUV**

Address – DMX address you want the product/s to start on

Count – Quantity of product (for example, 2 Third-party lights of the same model)

Color – Choose colors to save for scenes. See **Editing Colors** for more info



2. To create a scene, tap **Add/Update**. 

Create/Modify a Show

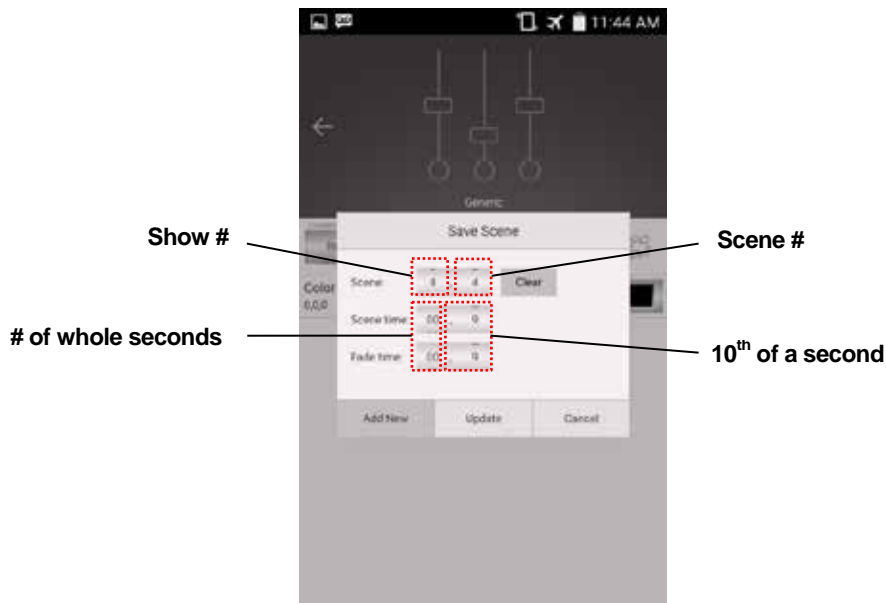
To create a scene:

1. Start with **Scene 1**.
2. Set **Scene Time** for first show/scene.
3. Set **Fade Time** desired for first show/scene.
4. Tap **Add New**.
5. Repeat steps 1-4 for up to 9 shows (**with up to 25 scenes per show**).

To modify a scene:

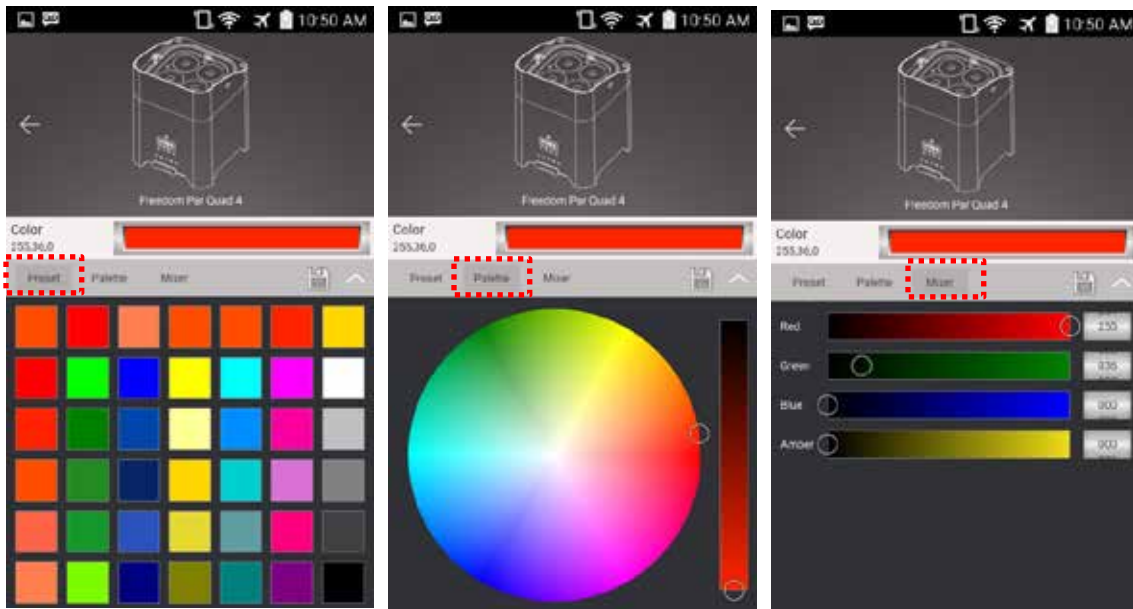
1. Navigate to the scene/show. (Ex. **Scene 4.4**)
2. Modify **Scene Time**.
3. Modify **Fade Time**.
4. Tap **Update**.

Tap **Cancel** at any point to exit Save Scene.



Repeat these steps for as many scenes or colors as you need.

Editing Colors




FlareCON provides 3 ways to choose colors for your lights.

Preset – Tap a color. You can 'program' up to 7 custom colors.

Palette – Use your finger to swipe and choose a color on the color palette. Adjust the darkness with the slider.

Mixer – Use the sliders to choose RGBA (or available) values.

1. Select colors.
If using the preset, you can tap and choose up to 7 custom color options.
2. Tap a color.
3. Tap **Save**. 

'Custom' Color Choices – Up to 7



4. Tap the **Close/Exit**. 

Show

1. Tap Show.



Edit

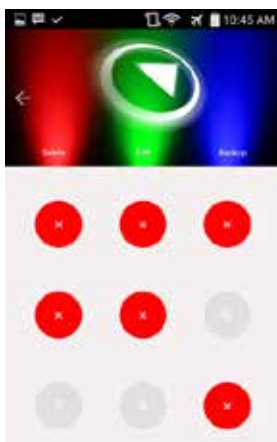
1. Tap Edit to get started, or skip to the backup section if you have a backup file.
2. Tap any of the now yellow number icons to edit a show. (Grey number icons do not contain a show)



3. Adjust the **Scene time** and **Fade time** for each of the saved steps.
4. Tap **ok**.

Delete a Show

1. Tap **Delete**.
2. Tap any of the red icons (shows) you want removed.



Backups

1. Navigate to Settings in the app.
2. Enter **Current Password**.
3. Enter **New Password**.
4. Enter new password again in **Repeat Password**.
5. Click **Save**.

Create New

1. Tap **Backup Now**.

'Backup successfully completed.' will appear at the bottom of the screen.

Restore from


1. Select the backup file you need.
2. Tap **Restore**.
3. Tap the ✕ to return to show.

Delete

1. Select the backup file/s you want deleted.
2. Tap **Delete**.
3. Tap the ✕ to return to show.



Troubleshooting

- If you fail to stay connected to the FlareCON Air's network uninterrupted, put your personal device into Airplane Mode. See your Device's User Manual for more information on Airplane Mode.
-  The Network Information is available only when the mobile device is connected to the FlareCON Air's network.
- The FlareCON Air generates its own Wi-Fi network; No additional Wi-Fi network is necessary.

Network Information

From the Main Screen;

1. Tap the Wrench icon. 

SSID – Network name. This can be changed at any time.

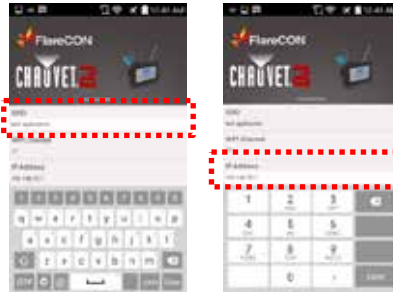
WiFi Channel – Tap and type to select the WiFi channel you want to receive from.

***IP Address** – Tap to type in a static IP address you prefer.

***Subnet Mask** – Tap to type in a subnet mask manually.

Current Password/New Password/Repeat Password – Create/edit password.

2. Make edits.
3. Tap **Save**.



The Settings Screen

***Recommended for advanced users only!**

Forgot Password / Hardware Reset

If you cannot remember your password, you can reset the FlareCON Air password and start over as if it were a new unit.

1. Press the **<MENU>** button until you see the Information Screen.



2. Press **<ENTER>** to navigate to the SSID Screen.



3. Press **<UP>** or **<DOWN>** until the Reset Wi-Fi Screen appears.



4. Press **<ENTER>**. (You will see the Enter Password Screen)



5. Press **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>** and **<ENTER>**. (The screen will return to the Information Screen, if done properly)

The password has been deleted. Go to [Create Password](#) to set up a new password for the FlareCON Air.

Tips/FAQ

Light doesn't respond

Have you checked the dimmer? Make sure it's not set to 000.


Losing Connection

Try putting your device into Airplane Mode, and then enabling the Wi-Fi only. Adjust the FlareCON Air's antennas and then reconnect.

Only (#) of my lights is/are responding


First, make sure the quantity is correct under the product screen. Next, be sure that all products are on the correct DMX personality and starting address. If you are unfamiliar with DMX, check out our DMX Primer online.

I forgot to keep track of what I programmed

To reset a single scene, tap the refresh icon. To clear multiple, tap the **Add/Update** icon .

In Save Scene, scroll to each scene and tap clear.

A screen is not responding

Tap the back arrow.  Return to the screen you were experiencing trouble with.

Turning Off the Lights

The quickest way to turn off the lights with the FlareCON app is to go to the Preset tab and tap the black swatch at the lower right-hand corner.

Turn the dimmer to Zero.

To turn off lights from the Palette tab, drag the dimmer bar to the very top.

To turn off lights from the Mixer tab, drag all the color bars all the way to the left, or all the roller bars to **0**.

Contact Us

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Outside the U.S., United Kingdom, Ireland, Mexico, or Benelux contact the dealer of record. Follow their instructions to request support or to return a product. Visit our website for contact details.