BTAir

User Manual

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1. About The App

The BTAir app runs on Apple iOS® and Android™ operating systems to control any of the BT products from CHAUVET DJ through a smartphone or tablet. No additional hardware is required. The smartphone or tablet running the BTAir app connects to the product with **Bluetooth**® wireless technology.

The BTAir app sends out 4 color commands — red, green, blue, and amber. It has built-in pre-mixed colors, as well as an easy-to-use custom color mixing tool.

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Downloading the App

The BTAir app is available from the Google Play Store or the Apple App Store. Chauvet BT products are not required at the time of downloading or installing the app. For more information about downloading and installing apps onto your mobile device, see the documentation that came with your mobile device.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<ENTER>	A key to be ed on the product's control panel
ON	A value to be entered or selected

Symbols

Symbol	Meaning
	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

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2. Operation

Before You Begin

Before opening the BTAir app on your mobile device, do the following:

- Enable Bluetooth connectivity on the mobile device.
- Connect all Chauvet BT products to power.
- On all BT products, press **<MENU>** repeatedly until **bLE** shows on the menu, then press **<ENTER>**.

Startup

Upon opening the app, the app will show the pairing screen (see Pairing and Grouping), and the following pop-up should appear:
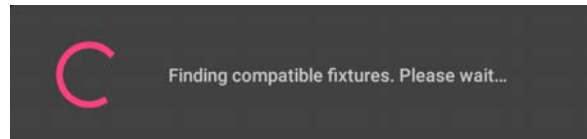
The app will automatically find and group compatible products (Chauvet BT products in Bluetooth control mode). After this is completed, the app will navigate to the program screen.

To re-arrange the groups, see Pairing and Grouping.

Program Screen Overview
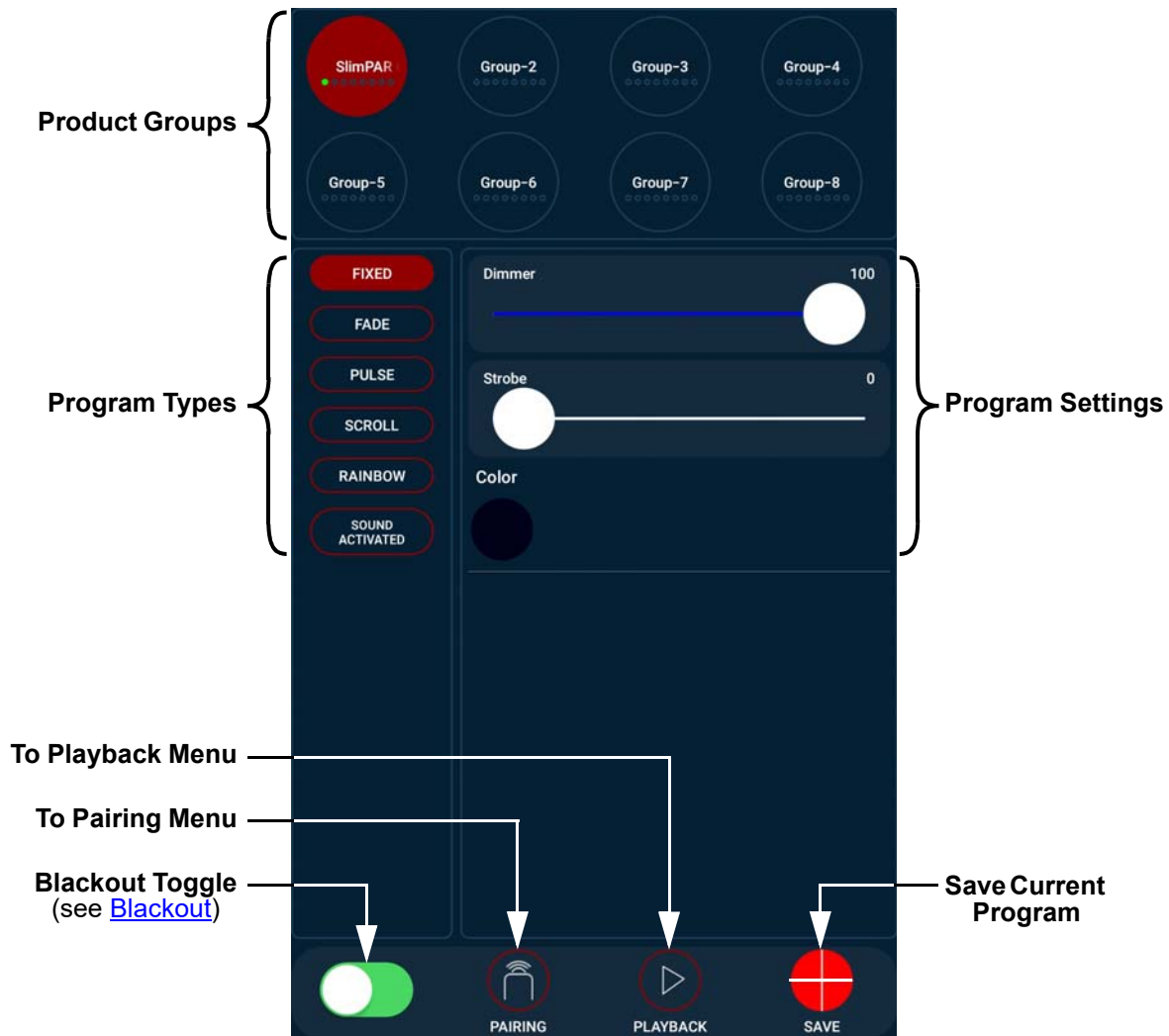
To begin programming, see Creating Programs.
To play back saved programs, see Program Playback.

Pairing and Grouping
To access the Pairing screen, tap the icon marked **PAIRING** at the bottom of the program screen or playback screen.

Pairing Screen Overview

Group Icons

Un-Grouped Products

To Program Screen

Manually Group Selected Products

AUTO GROUP (Resets all links)

CLEAR ALL (Un-Groups All Products)
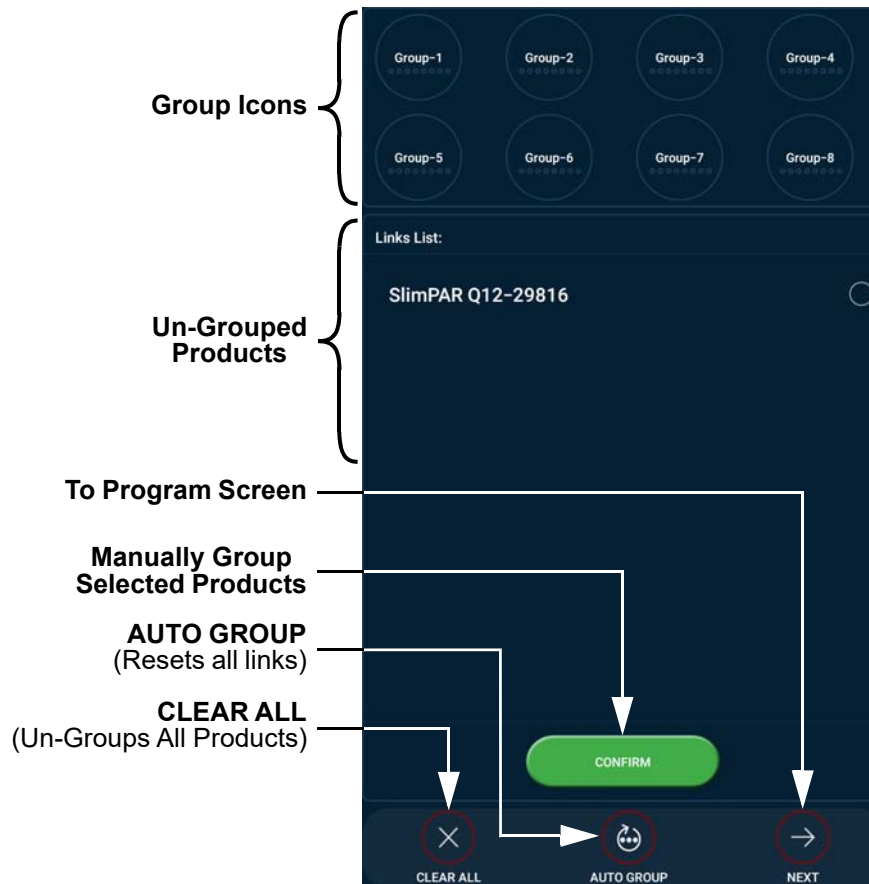
If new products have been turned on and set to Bluetooth control mode, it may be necessary to restart the app before they will appear in the **Links List**.

Rename a Group
To rename a group, tap and hold the icon of the desired group. The following pop-up will appear:
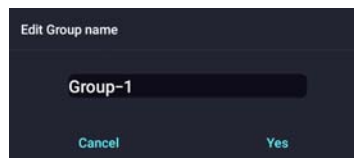
Type the desired name and tap **Yes**. To cancel, tap **Cancel**.

Add Un-Grouped Products to a Group
To manually add un-grouped products to a specific group, select the desired products from the **Links List**, and tap **CONFIRM**. The following pop-up will appear:

Tap the icon of the desired group on this pop-up to send all selected products to that group.

> **Only products of the same type can be grouped together.**

Organize a Group

To organize the order of products in a group, or remove a product from a group, tap the icon of the desired group on the Pairing screen.

Filled Slot ──────▶ SlimPAR Q12-29816

Tap to Remove Product from Group

Tap and Slide to Change Order

Empty Slots

Tap to Exit ──────▶

The Group screen shows each of the (up to 8) products in the selected group. The following can be done on this screen:
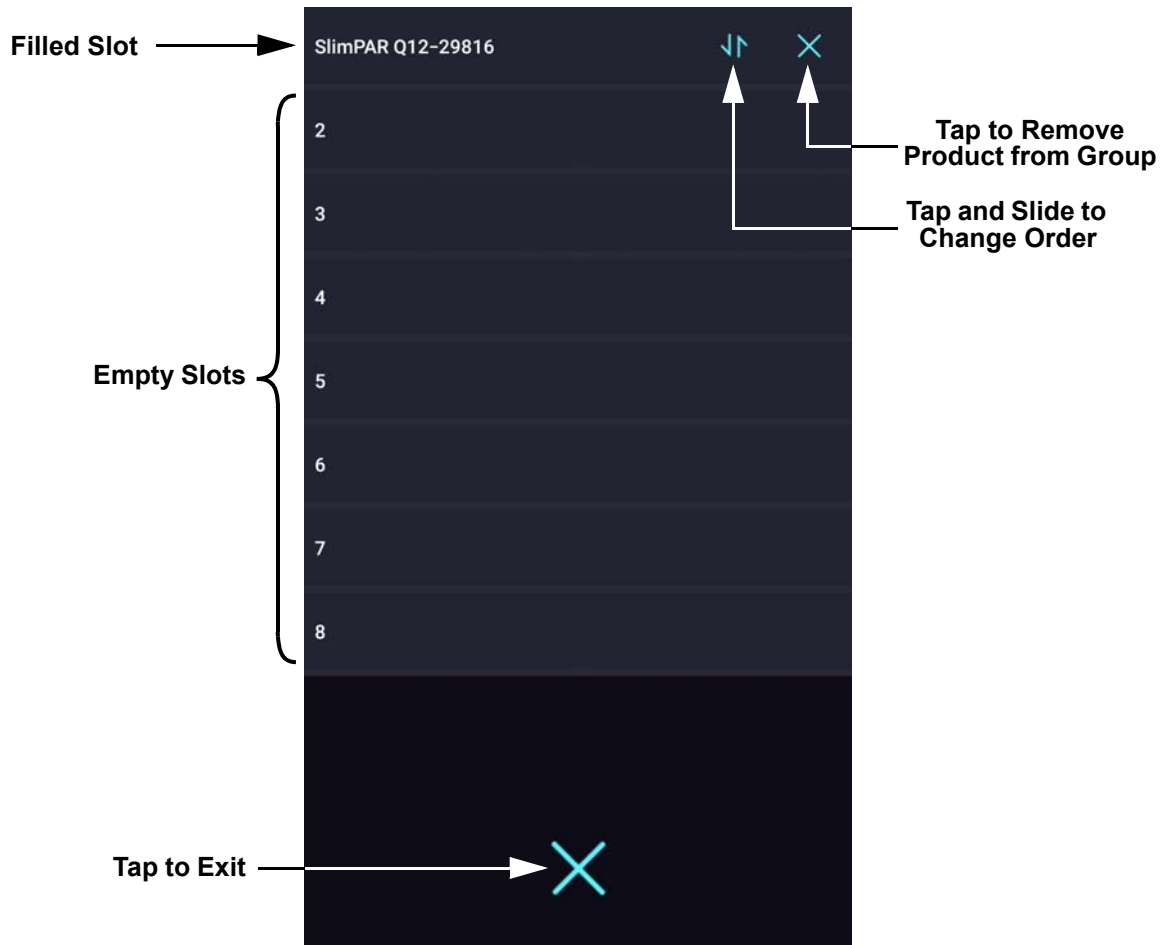
- To move the selected product from one slot to another, tap the order icon next to a product and slide up or down. The order of products determines the playback order of chase programs.
- To remove a product from the group, tap the X icon next to that product.
- To send a product to another group, tap the slot of the desired product. The following pop-up will appear:

| Group-1 | Group-2 | Group-3 | Group-4 |
| Group-5 | Group-6 | Group-7 | Group-8 |

    Tap the icon of the desired group.
- To return to the Pairing screen, tap the large X at the bottom of the screen.

CLEAR ALL and AUTO GROUP

Tapping **CLEAR ALL** will remove all products from groups and add them to the **Links List**.
Tapping **AUTO GROUP** will reset all links and add all found products to groups.

Creating Programs

Program Types

There are 4 types of programs available in the BTAir app:

- Static. The **FIXED** option sets a static color, the dimmer level, and an optional strobe rate.
- Auto. These options set a series of colors to follow one after another, the dimmer level, an optional strobe rate, and the program speed. The auto program options are **FADE** and **PULSE**.
- Chase. In a chase program, each product in a group will be offset by one color from the previous product in the group, creating the effect of each color moving from product to product.
  These options set a series of colors to follow one after another, the dimmer level, an optional strobe rate, and the program speed. The chase program options are **SCROLL** and **RAINBOW**.
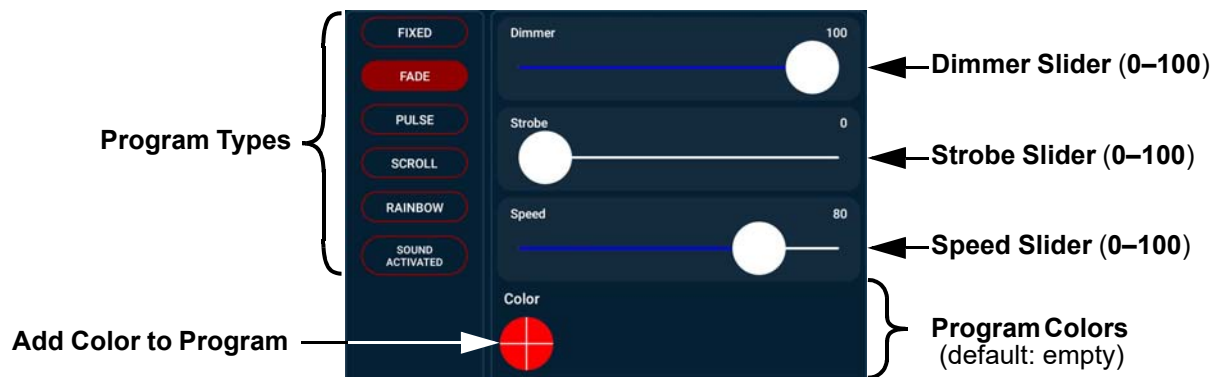
> **Chases will run from product to product within each group. Multiple groups will not chase each other.**

- Sound-active. The **SOUND ACTIVATED** option sets a series of colors to follow one after another, the dimmer level, and an optional strobe rate. The selected products will trigger color changes as they receive sound input.

> **In a SOUND ACTIVATED program, the linked products will only respond to low frequencies of music (bass and drums).**

Designing a Program

Program Types

Add Color to Program

Dimmer Slider (0–100)

Strobe Slider (0–100)

Speed Slider (0–100)
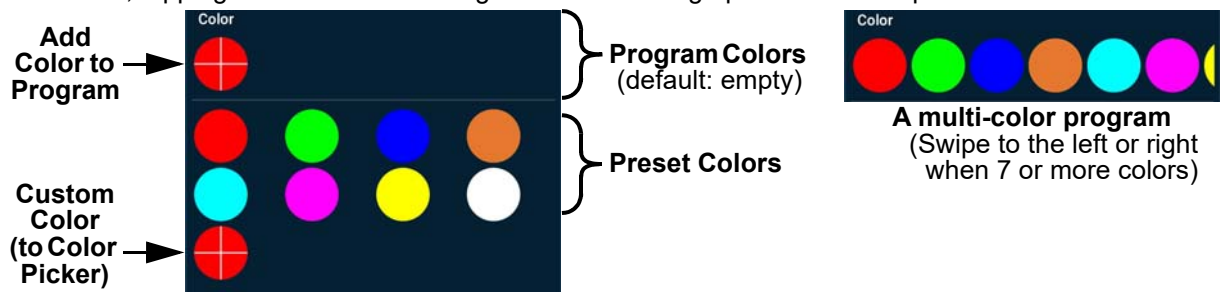
Program Colors (default: empty)

To design a program, follow the instructions below:

1. Select the program type from the list on the left.
2. Set the **Dimmer**, the **Strobe** rate, and (for all but **FIXED** and **SOUND ACTIVATED**) the program **Speed**, from **0–100**.
3. Add colors to the program.

Programming Colors

For a **FIXED** program, tapping the Color icon will navigate to the **Color Picker**. For any program type other than **FIXED**, tapping the Add Color to Program icon will bring up a selection of preset colors.

Add Color to Program

Custom Color (to Color Picker)

Program Colors (default: empty)

Preset Colors

A multi-color program (Swipe to the left or right when 7 or more colors)

Tapping a preset color will add it to the color list of the program, placing it before the Add Color icon.

To mix a custom color and add it to the program color list, tap the Custom Color icon. This will navigate to the **Color Picker**.

To view all colors or the Add Color icon in a program with 7 or more colors, swipe the color list to the left or right.

To change a color in a program, tap the desired icon in the color list. This will navigate to the **Color Picker**.

After custom mixing a color in the **Color Picker**, that color will be added to the preset color list.


Deleting a Preset Color or Program Color

To delete a color from the preset list, or a color in a program, tap and hold the icon for that color until the following pop-up appears. Then tap **Confirm**. To cancel, tap **Cancel**.

> **Notice**
>
> Delete the saved color
>
> | Cancel | Confirm |
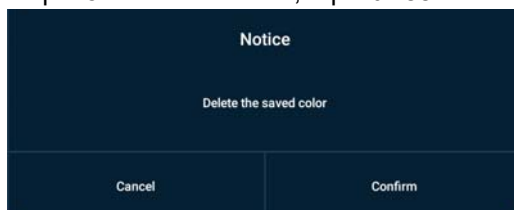
Color Picker

To access the **Color Picker**, do one of the following:
- Tap the Add Color icon in the preset color list (this will add the generated color to both the current program and the preset color list),
- Tap a Color icon in the color list of a program (this will change the selected color, and add the generated color to the preset color list), or
- Tap the Color icon in a **FIXED** program (this will set the static color of the program, and add the generated color to the preset color list).
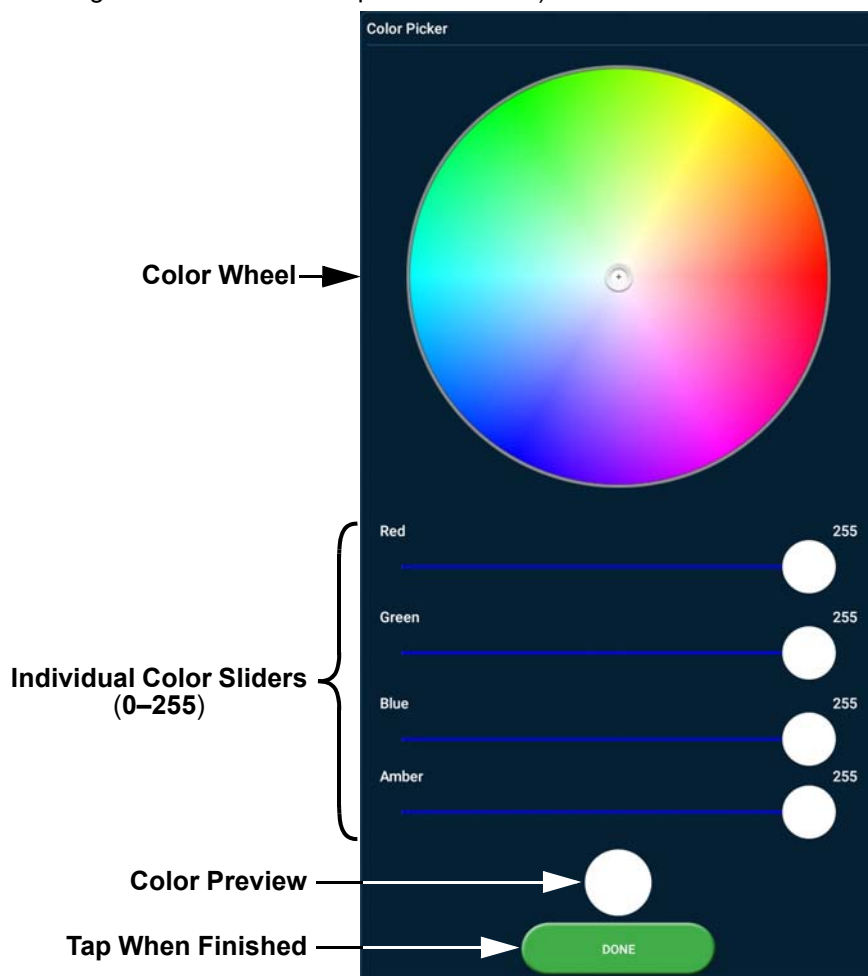
To mix a custom color in the **Color Picker**, do one or both of the following:
- Use the color wheel to select a color by eye.
- Use the individual color sliders to precisely adjust the value of each color LED.

> - **The color wheel will not affect the value of the amber slider.**
> - **The amber slider will not affect products without amber LEDs.**

The color preview will show the product output as selected on the color wheel or as set by the color sliders. When the color is set as desired, tap **DONE** to return to the program screen.

Saving a Program

To save a program, tap **SAVE** on the bottom right of the program screen (see <u>Program Screen Overview</u>). The following pop-up will appear:
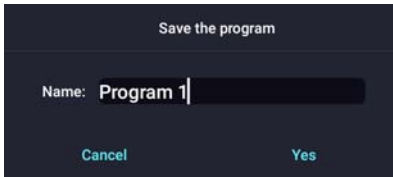
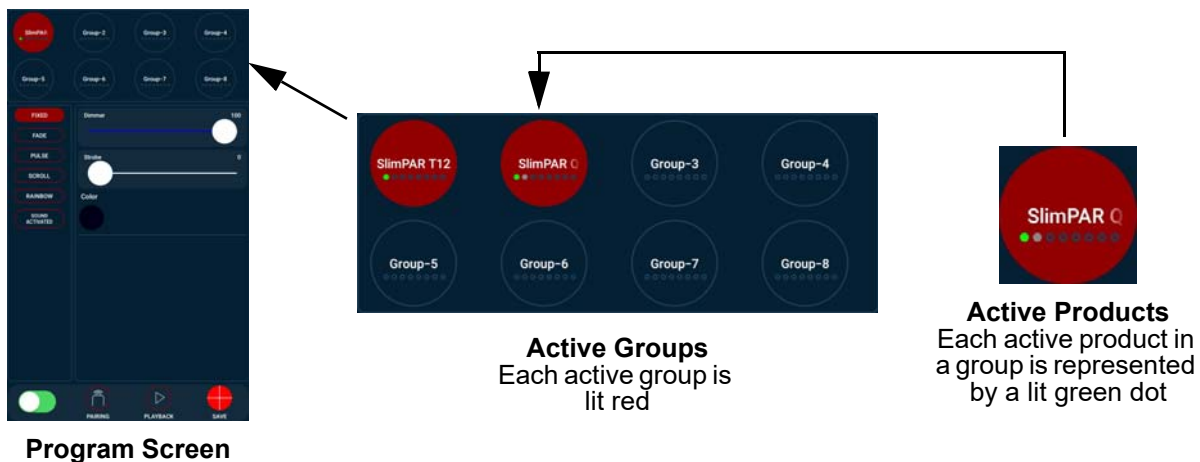Enter the desired name, and tap **Yes**. To cancel, tap **Cancel**.

Once saved, a program can be played, renamed or deleted (see <u>Renaming or Deleting a Program</u>).

Program Playback

Selecting Groups for Playback

Before playing back a saved program, select the group or groups which will run the desired program.

Program Screen

Active Groups
Each active group is lit red

Active Products
Each active product in a group is represented by a lit green dot

To activate or deactivate a group for playback or programming, tap the icon of the selected group as shown above. Active groups are lit red.

> **Whether or not a group is active during programming will not affect playback. A selected program will run on all groups that are active when the program is selected.**

Deactivating Products Within a Group

Individual products within a group can also be deactivated or reactivated if desired.

To deactivate or reactivate a specific product or products within a group, tap and hold the icon of the selected group. The following pop-up will appear.

All products in the group will be listed, with corresponding check-boxes.

Un-check a box to deactivate the corresponding product. When all products are activated or deactivated as desired, tap **Confirm**.

> - **A deactivated product will continue running the last instructions it received.**
> - **Deactivating all products in a group will deactivate the group.**
> - **Deactivating a group and then reactivating it will reactivate all products in that group.**

Selecting a Saved Program
To select a saved program to play back on all active groups, navigate to the Playback screen by tapping **PLAYBACK** on the bottom of the program screen.

Playback Screen Overview

Selected Program

Saved Programs

To Program Screen

Blackout Toggle
(see Blackout)

To Pairing Screen
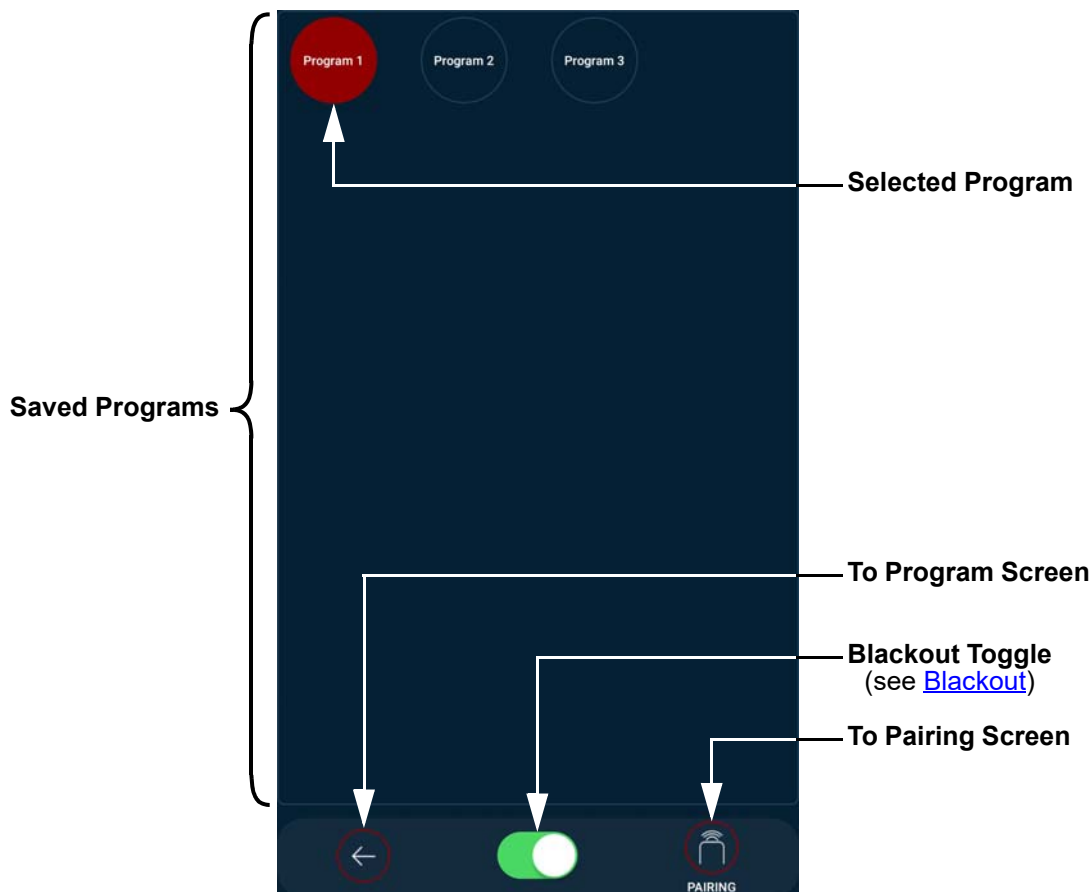
Select the desired program from the list of saved programs. All active groups will run the selected program.

Renaming or Deleting a Program
To rename or delete a saved program, tap and hold the icon of the desired program until the following pop-up appears:
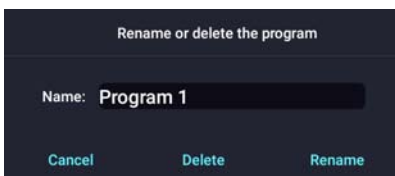
To rename the program, enter the desired name and tap **Rename**.
To delete the program, tap **Delete**.
To cancel, tap **Cancel**.

Blackout
The program screen and the playback screen both have a blackout toggle on the bottom. To toggle blackout for all active products, tap the blackout toggle.
When the blackout toggle is green before tapping it, tapping the blackout toggle will disable output for all active products. When the blackout toggle is white before tapping it, tapping the blackout toggle will enable output for all active products.

- **Only active groups and products will be affected by the blackout toggle.**
- **A product that is blacked out will stay blacked out if it is deactivated when the blackout toggle is tapped.**
- **A product that is not blacked out will not black out if it is deactivated when the blackout toggle is tapped.**

Contact Us

General Information	Technical Support
World Headquarters	
Address: 5200 NW 108th Ave.	Voice: (844) 393-7575
Sunrise, FL 33351	Fax: (954) 756-8015
Voice: (954) 577-4455	Email: chauvetcs@chauvetlighting.com
Fax: (954) 929-5560	
Toll Free: (800) 762-1084	Website: www.chauvetdj.com
UK	
Address: Unit 1C	Email: UKtech@chauvetlighting.eu
Brookhill Road Industrial Estate	
Pinxton, Nottingham, UK	Website: www.chauvetdj.eu
NG16 6NT	
Voice: +44 (0) 1773 511115	
Fax: +44 (0) 1773 511110	
Benelux	
Address: Stokstraat 18	Email: BNLtech@chauvetlighting.eu
9770 Kruishoutem	
Belgium	Website: www.chauvetdj.eu
Voice: +32 9 388 93 97	
France	
Address: 3, Rue Ampère	Email: FRtech@chauvetlighting.fr
91380 Chilly-Mazarin	
France	Website: www.chauvetdj.eu
Voice: +33 1 78 85 33 59	
Germany	
Address: Bruno-Bürgel-Str. 11	Email: DEtech@chauvetlighting.de
28759 Bremen	
Germany	Website: www.chauvetdj.eu
Voice: +49 421 62 60 20	
Mexico	
Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2)	Email: servicio@chauvet.com.mx
Zona Industrial Lerma	Website: www.chauvetdj.mx
Lerma, Edo. de México, CP 52000	
Voice: +52 (728) 690-2010	

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