



2016  
PHOENIX  
HOOP MANUAL

[WWW.SPIN-FX.COM](http://WWW.SPIN-FX.COM)  
v4.0

Welcome to your 2016 Phoenix Hoop manual! This guide will walk you through a few basic instructions and important safety guidelines to ensure that you and your hoop have a long and bright journey together.

**\*PLEASE NOTE\***

**Detailed instructions, video tutorials and safety information can be found on the *Phoenix Product* page of our website at [www.spin-fx.com](http://www.spin-fx.com)**

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## HOOP CARE

Tips to keep that hoop spinnin' for a long, long time:

- Avoid exposure to extreme hot or cold temperatures for prolonged periods of time, especially when the hoop is in the coiled position. This can cause warping or cracking.
- Be sure to charge your hoop from time to time when you are not using it. Once per month is a good rule of thumb. If you let the hoop sit for months without use or charge, the batteries can drain to a critical level and may cause trouble when trying to turn the hoop back on.
- Only coil your hoop for travel and keep it in the open position when storing or not using it to maintain the best shape.
- If you are planning on taking your hoop to a place where sand, dust

or moisture might get inside, take a moment to put some tape over the holes to keep it in tip top shape!

- If your hoop shape is not a perfect circle when you receive it, connect the hoop ends and leave it to hang on a hook for a few days to let gravity pull the hoop back to shape.
- Try to avoid banging your hoop on hard surfaces like concrete.

## **ASSEMBLY**

When you receive your hoop, remove ties and connect two ends while pressing the silver push button down and push/twist the tubing until it snaps into place. A trick is to push the silver button down using the opposite side of tubing instead of your fingers, and then slide it into place. Check out our video tutorial for this on the

Phoenix Hoop page under the "Tutorial" tab.

To coil hoop for travel, press silver push button down hard (use blunt object like retracted pen) and pull two sides apart while twisting. Coil hoop and secure with ties or electrical tape.

\*DO NOT coil the hoop so far that its two ends meet again because that causes strain on the internal components.

## **WHAT'S INCLUDED**

USB Cable

Dual Port Charging Unit  
(You can use either port but 2.1A charges faster!)

Remote (x2)

## **HOOP FUNCTIONS**

### **Power Button**

The only means to turn your hoop on. Hold down for 2 seconds to turn hoop off (this feature helps to avoid the hoop turning off mid-spin).

The hoop comes with a piece of protective tape over the power button to help avoid any dust or debris from entering.

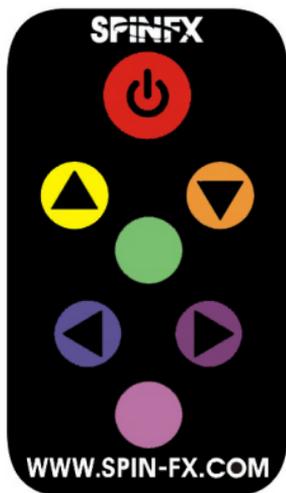
### **Micro USB Port**

Used to connect to your computer and charge your hoop.

### **Silver Push Button**

This releases the hoop connection to collapse for travel and keeps the hoop closed when in use.

## REMOTE FUNCTIONS



By default, the remote has the following functions set:

### **POWER (RED)**

Save settings and go to sleep  
You cannot turn your hoop on with the power button.

### **UP/DOWN (YELLOW AND ORANGE)**

Changes patterns forward and back

Your hoop **MUST** have Autoplay **OFF** for this function to work.

If Autoplay is **ON**, the up/down buttons will do nothing.

### **CENTER (GREEN)**

Toggles between Autoplay On/Off. Autoplay On automatically advances through the patterns. When it is off, the hoop will remain on the same pattern and you can manually use the remote to advanced forward or back to patterns.

So, say your hoop has Autoplay On but you want to change patterns manually – press **GREEN**, you will see the hoop flash **RED**, now your hoop is in single pattern mode, now channel up/down will change patterns forward or back. To put the hoop back to shuffling patterns, press the **GREEN** button again and the hoop will flash **BLUE** to let you know it is back to Autoplay On.

## **RIGHT/ LEFT (BLUE AND PURPLE)**

Increase/decrease brightness

Dimming brightness can help save battery life if you plan on using the hoop for long periods of time without needing to charge it.

## **BOTTOM (PINK)**

Battery Status Indicator - hoop will act as a battery gauge and display the current battery level. Fully charged hoop is fully lit, as battery drains, fewer LEDs will show and color will change from green to yellow to orange to red when there is little charge remaining.

**NOTE:** You are able to manually change the remote functions - that's an advanced feature and you can refer to the scripting tutorial on our website for more details on that.

## **Changing Remote Batteries**

Type of Battery: Lithium 3V CR 2025

Old remotes from before Summer 2015 will display a red IR signal light when a button is pressed if they are in good working order. If that light does not appear or begins to dim, it's time for a new battery. Remotes from Fall 2015 onward (when we released the 2016 version of the hoop) do not display a red light, it is invisible. If you hold your remote to the camera of your phone and press a button, you will see the IR signal appear as a white light if it is working.

## **CHARGING**

- Wall unit is main means of charging which takes about 2 hours for a full charge. The 2.1 A USB port charges faster than the 1 A port but using either is fine.
- You can also charge from your computer or any other standard USB

port including car chargers and portable chargers.

- A red light will appear when charging and will turn green when fully charged.
- When the batteries get low, the LEDs may start to act a bit strange. The hoop has a safety feature that will automatically shut the hoop off before the batteries get critically low. If your hoop turns red and shuts off automatically, give it a full charge.

## **CONNECTING YOUR COMPUTER**

### **Connecting**

- Plug in USB cable from hoop to computer, turn on hoop, find Phoenix drive and open it
- Review the files – patterns (.bmp) and settings.cfg
- Hoopinfo.txt shows firmware version your hoop is running

### **How to remove patterns**

- Delete the files you no longer want (but be sure to save them in a separate file for later use)

### **How to add patterns**

- Drag and drop OR copy/paste the bitmap (.bmp) files into the Phoenix Drive

\*For complete details, please watch our *Connecting Your Computer Tutorial* Video on our website [www.spin-fx.com](http://www.spin-fx.com).

### **Changing Settings**

- Settings.cfg is a text file
- This is the file where the settings are saved on your hoop. If the file is not present, the factory defaults are used.
- To edit this file use a text editor like Notepad on Windows or Text Edit on Mac.
- You can change settings here like brightness, autoplay and sort mode. Refer to the Basic Settings

Tutorial on the website for more info.

- Some of these settings you'll definitely want to know about, others are not necessary.
- **Remember to SAVE your settings file,** eject the Phoenix drive and then turn your device off. Turn the hoop back on and your new settings will be loaded and ready for action!

## **PATTERN MAKING**

You can use Photoshop, Pixlr.com, or any photo editing software.

### **Basic Rules**

Start with an all Black image. A black background turns the LEDs off. The format is in bpp (bits per pixel) bitmap. This indicates the color depth. Any color depth will work.

Think of each Pixel as an LED of your hoop. So how big can your pattern be in pixels for a Phoenix? As many pixels as there are LEDs in your hoop. If your pattern is too large for your hoop it will be cut off. If it is smaller than your hoop, the pattern will be repeated until the hoop is filled.

**NOTE:** Be sure not to use spaces in the name of your pattern but use \_ underscore instead. Only use letters, numbers or underscores in the names of your patterns, otherwise it will not work and you will see a red flashing pattern instead.

*Example: white\_chase.bmp*

\*For complete details, please watch our *Pattern Making Tutorial* Video or see our step-by-step guide located on our website [www.spin-fx.com](http://www.spin-fx.com).

## **SCRIPTING**

Scripting allows you to command a Phoenix Hoop which pattern to display at certain time marks. That means you can choreograph the pattern display to a song of your choice for performances with one or multiple hoops.

There are some changes that will need to be made to the settings file to properly play the script so we suggest downloading our Script Template Files on the Tutorial Tab of the Phoenix Hoop page on our website. You can save the Script template and adjust the time and patterns to your liking. Save the new script, settings file and all the new patterns you include in your script onto your hoop drive! The Pink button on your remote will now be set to start your script after the hoops are turned on in their holding pattern.

\*For complete details, please watch our *Scripting Tutorial* Video located on our website [www.spin-fx.com](http://www.spin-fx.com).

## **CHOREO MODE**

Choreo Mode allows for multiple Phoenix Hoops to synchronize the timing of patterns. This is great for those Hoopers who use multiple hoops or performance troupes that want to choreograph performances with multiple hoops.

First upload the script you would like to each prop and then in the settings file remap the pink button on the remote to "restart\_script" This button will be used to synchronize the props when they are turned on.

There are a few more important steps you will need to follow in

order to properly use Scripting and Choreo Mode.

\*For complete details, please watch our *Scripting Tutorial Video* located on our website [www.spin-fx.com](http://www.spin-fx.com).

## **FIRMWARE UPDATES**

One of the most incredible features of this hoop is that it always has the capability to become more advanced. The best part of that is, once you have your hoop you can get the updated advancements by simply connecting your hoop to your computer and running a simple firmware updater. This ensures that your hoop has the latest and greatest features. This updater can be found in the "Firmware Updater" tab of the Phoenix Page on our website for both PCs and MACs.

## **TROUBLESHOOTING**

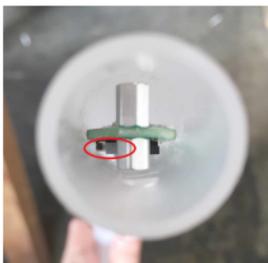
There are many amazing features of the Phoenix Hoop and as such, it will take you some time to get familiar with all of them. So be patient with yourself as you would if you were learning a new language.

We have an awesome “Troubleshooting” tab on the Phoenix Hoop page that can answer a lot of your questions, so be sure to start there. Here are a few main things you will want to know:

### **RESET**

There are 2 ways to reset your hoop if the hoop is acting strange or not turning on. The first way is by holding the power button down for 5-10 seconds until you see a single bright green LED on the strip light up. If you open the hoop tubing, there is also a small grey rectangular reset button located on

the end tip of the circuit board to the left of the silver standoff.



You can press it **GENTLY** with a blunt object like a paperclip or hairpin. You should then also see the single bright green LED light up. This indicates the hoop is reset and the patterns will start playing.

## **REFORMAT**

A reformat completely erases your hoop drive of all files and gives it a fresh start. This may be needed if the hoop is stuck perhaps because of corrupt files being uploaded to it. Be sure to save all of the files on your hoop in a folder so you can reload them later.

**PC:** To reformat right click on the Phoenix drive while it's plugged in to your computer. Click "format" and ok. Once finished reload your patterns and settings file on to your hoop and it's ready to go!

**MAC:** To reformat go to Utilities>Disk Utilities>Click Phoenix drive on left>Click Erase tab at top>Click Erase...>and Ok. Once finished reload your patterns and settings file on to your hoop and it's ready to go!

We also have the detailed Reformat Tutorials with photos under the Tutorial tab on the Phoenix Hoop page to assist you.

There are many resources on our website where you can troubleshoot, learn and explore the wonderful possibilities of your Phoenix Hoop. FAQ, Troubleshooting and Tutorials tabs on the Phoenix Product Page are a great place to

start your journey. We also have a community forum on our website where you can post questions and topics and view threads. And remember, the hoop is your oyster. Once you learn the workings of it, you can control and guide it in any way you want.

Join us in a private Facebook group called **PHOENIX HOOP STARS**. It's a hub for news, updates, special offers and community support.

If the website does not answer your questions, you can reach our support team at [support@spin-fx.com](mailto:support@spin-fx.com).

## **APP CONTROL**

The SpinFX App is available for Android and can be found in the Google Play Store as "SpinFX Remote 2016" The App has the ability to view the remote functions

such as changing patterns, folders, hoop modes and brightness.

\*For complete details, please watch our *App Tutorial* Video located on our website [www.spin-fx.com](http://www.spin-fx.com).

## **WARRANTY**

SpinFX offers a one-year warranty on its hoops internal electronics. Batteries have a 6-month warranty due to the nature of lithium-ion batteries. This excludes the hoop being smashed into things, water and fire damage. Tubing is not covered under warranty due to the nature of hooping. We will, however, replace it for a reasonable fee.

LED hoops are filled with sensitive components that sometimes may be damaged or worn. We have worked hard with years of testing to build an extremely durable and reliable

hoop for our customers. Please note that it is the responsibility of the user to take care of their hoop.

## **SERVICE**

For questions, repairs, warranty, troubleshooting, tubing replacement and other service issues, please fill out the *Service Request Form* on our website at [www.spin-fx.com/service-request](http://www.spin-fx.com/service-request).

## **BATTERY SAFETY & WARNINGS**

- To promote the safe use of remote-controlled devices that contain rechargeable lithium-ion batteries, we recommend the following:
- Do not leave the hoop unattended while charging it.
- Battery charging should be done by adults.

- Charge the hoop on a non-flammable surface and keep it away from flammable items.
- Unplug the hoop from charger when battery is charged.
- Disconnect wall chargers from outlets while not in use.
- If the hoop has been damaged, immediately stop use, unplug, and safely move the hoop away from flammable materials.
- Follow SpinFX instructions for charging the hoop.

## **DISCLAIMER**

This product has the potential for injuries. By purchasing, ordering and or using the product or any products from SpinFX, Inc. or its affiliates and partners, you and (or related users) are responsible for any risks, injury or damage. You release SpinFX, Inc. and affiliates, employees, and partners from any responsibility or liability for any

injury, accident or death caused by any of its products whether directly or indirectly. It is the responsibility of the individual user to take the necessary precautions to minimize hazards. Using this equipment states that you fully accept these terms and conditions and that you are accepting full and unconditional responsibility for any and all consequences caused.

## **MOST IMPORTANT**

The Phoenix Hoop is a powerful medium to express your creativity, inspire others around you and feel fulfillment within. It is the intention and mission of SpinFX to support your unique hoop journey. We encourage you to share your story, experiences, photos, videos and custom patterns with the community in the *Phoenix Hoop Stars* group on Facebook. We look forward to meeting you there!

*CREATE ♥ INSPIRE ♥ SHINE*  
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