

## 3D Paddle Kit Install Instructions

You will need the following equipment.

- Phillips head screwdriver
- Wire strippers
- Needle nose pliers
- Razor blade
- Soldering Iron

The kit comes with the included parts. Make sure you have all the parts before starting.

- (1) Base (black)
- (1) Top cover (black)
- (2) paddle arms (red or blue)
- (1) U shaped spring (red)
- (3) small wires (red, black and green or white)
- (1) TRS (Tip Ring Sleeve)  $\frac{1}{8}$  female jack
- (2) 1" #6-32 pan head screws
- (1)  $\frac{3}{4}$ " #6-32 pan head screw
- (2)  $\frac{1}{2}$ " #6-32 pan head screws
- (2) #6 hex nuts
- (2) #6 flat washers
- (4)  $\frac{1}{4}$ " #6-32 pan head screws

Step 1, with your razor blade, complete the following tasks;

- Clean off any imperfections from the 3D printing process
- Clean out the screw holes in the black base so they are visible (top and bottom)
- Clean off any burrs from the screw holes on the red or blue paddles
- Clean off any burrs from the screw holes on the black top cover

Step 2

- Strip back the ends of the green or white, red and black wire
- Solder the green or white wire to the ground of the  $\frac{1}{8}$  stereo connector
- Solder the red wire to the ring  $\frac{1}{8}$  stereo connector
- Solder the black wire to the tip  $\frac{1}{8}$  stereo connector
- Insert the  $\frac{1}{8}$  stereo jack into the base and use nut to hold in place

Step 3

- Insert all the screws per the instructions below.
  - For the paddle swing screws, make sure the paddle flow freely and the spring does the work by providing tension to the paddles.

- Insert the red 3D printed spring to the desired tension
- Adjust the ½ screws on each side of the paddle to adjust the side to side paddle movement.

Red 3D printed spring



Adjust the paddle tension by moving the spring forward or backward in the paddle notches

Note : you can use a spring from a pen if the 3D printed spring ever breaks.



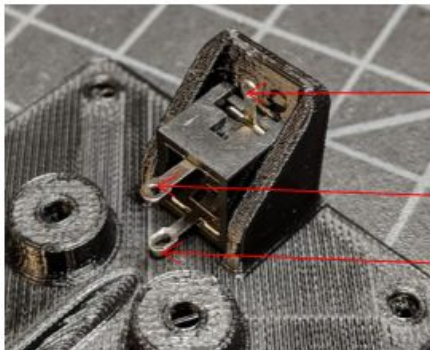
1 inch screws  
Paddle swing

1/2 inch screws  
#6 bolt  
#6 washer  
For right & left paddle

Move the screw in or out  
to adjust the amount of  
paddle movement side to  
side

3/4 inch screw for ground.  
Attach the green or white wire  
to the bottom of the screw on  
the under side of the base

Insert 1/8 inch stereo jack into  
back. Ground facing up.



Ground Wire (green or white wire)

Right paddle connector (red wire)

Left paddle connector (black wire)

Email [info@slsrc.org](mailto:info@slsrc.org) for questions.