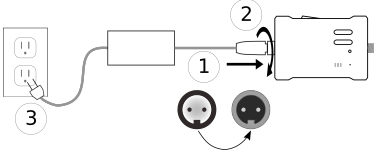
synchrony
LEDS

www.synchronyleds.com

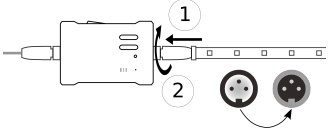
Getting Started

1 - Connect Power Supply



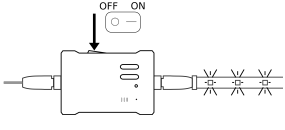
Align connector and push firmly. Screw tightly to ensure water resistance. Plug power supply into electrical outlet.

2 - Connect LEDs



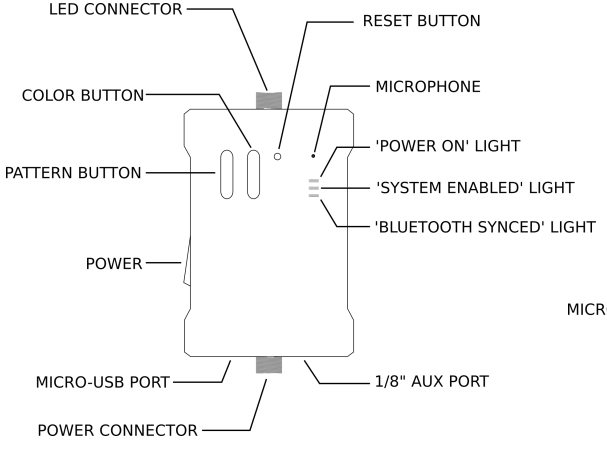
Align connector and push firmly. Screw tightly to ensure water resistance.

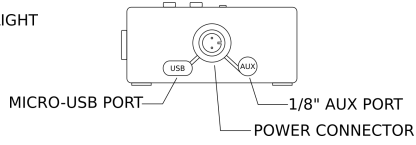
3 - Power On



Switch power on. The red 'power on' light will light up, and all LEDs will glow for about 10 seconds. The green 'system enabled' light will light up and the LEDs will begin to twinkle, indicating that Synchrony™ is listening for music.

Controls and Ports





Microphone and AUX Input

Synchrony™ listens to music through its built-in microphone. You can also use a 1/8" audio cable to connect directly to the Synchrony™ controller. The microphone is disabled when a cable is plugged in to the AUX port.

Changing Color Set

Push up or down on the color button to cycle through color sets. You can also select the color set and design your own color sets with the Synchrony™ mobile app.

Changing Pattern

Push up or down on the pattern button to cycle through patterns. You can also select the pattern with the Synchrony™ mobile app.

Changing Brightness

You can adjust the brightness of the LEDs using the Synchrony™ mobile app.

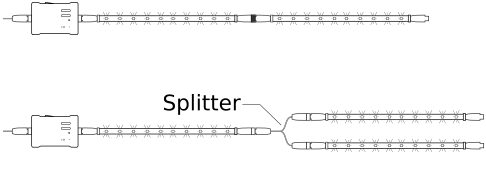
Micro-USB Port

The micro-USB port is used for software updates. Attempting to power Synchrony™ through the micro-USB port could potentially damage the controller. The micro-USB port cannot be used for music input.

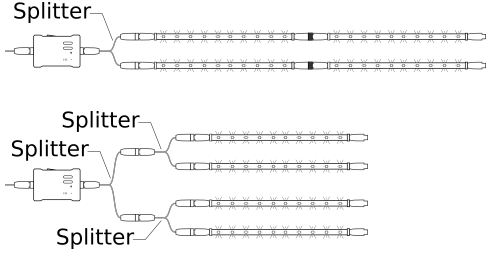
Connecting Multiple LEDs

A single Synchrony™ controller can power up to 600 LED pixels at one time. This corresponds to 4 Synchrony™ LED strips or 8 Synchrony™ LED strings. However, a maximum of 2 strips or 4 strings may be connected in series. If too many LEDs are connected, those at the end of the chain will not receive enough power. Splitters (available for purchase on the Synchrony™ website, www.synchronyleds.com) can be used to make parallel connections. See the diagrams below for possible configurations of LED strips.

Max. 2 in series:



Max. 4 in total:



If you wish to power more than 600 LED pixels you will need to use multiple controllers, respecting the maximum pixel limits for each controller.

Synchrony™ Mobile App

The Synchrony™ mobile app is available for both iOS and Android devices, and can be downloaded from the App Store or the Google Play™ store. You can use the app to control the pattern, brightness, and color set. You can also design your own color sets and activate lighting modes that work without music.

The Synchrony™ app connects to the Synchrony™ controller via Bluetooth. The following are instructions to sync your iOS/Android device and Synchrony™ controller for the first time. Turn on the controller. Once the green 'system enabled' light lights up, open the Synchrony™ mobile app and tap the 'Refresh' button in the app. The '+ Add Controllers' button should now be active. Tap it to connect your Synchrony™ controller. When connected, the 'Bluetooth synced' light will glow blue and your controller will be selectable in the 'My Devices' menu on your app. If you have any issues connecting to your controller, press and hold down the 'Reset' button on the controller for 5 seconds, then press the 'Refresh' button in the app. For a more detailed explanation of the Synchrony™ mobile app's features and for troubleshooting, refer to the Synchrony™ website: **www.synchronyleds.com**.

Updating the Synchrony™ Controller Software

From time to time we will provide software updates for the Synchrony™ controller. Check the Synchrony™ website for the latest software and follow the instructions to perform the update. Note that software updates require a micro-USB cable, which is not included with the Synchrony™ controller.

Water Resistance

The Synchrony™ controller and LEDs are water-resistant. Synchrony™ can be installed indoors or outdoors in places where it might be exposed to rain or low-pressure water jets (gentle sprinklers, etc.), but should not be submerged. The connectors for the power supply cable and lights must be screwed tight and the micro-USB and AUX port covers must be firmly in place to ensure water resistance.

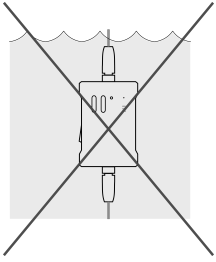
IMPORTANT: The power supply box itself is not water resistant, nor is the cable from the electrical outlet to the power supply box. Ensure that both the power supply box and the connection between it and the electrical outlet are kept dry, as exposure to water may damage the equipment and/or pose an electrical hazard. However, the cable running from the power supply box to the Synchrony™ controller is water resistant.

Ambient Mode

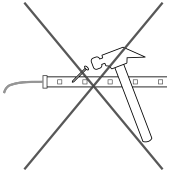
When Synchrony™ does not detect any rhythmic input, it defaults to ambient mode: the LEDs twinkle gently and randomly. If Synchrony™ continues to operate in ambient mode when you are playing music, it is likely that Synchrony™ is not able to hear the music. Connect to the controller with the Synchrony™ mobile app and make sure Synchrony™ is in music mode. Check to see if a cable is plugged into the AUX port, as this disables the microphone. Make sure the microphone is not covered and is free of debris. If there is a lot of background noise, try playing your music through the AUX port.

For detailed troubleshooting and answers to frequently asked questions, please refer to the Synchrony™ website: **www.synchronyleds.com**.

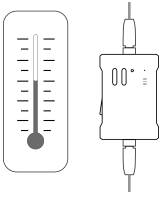
Caution



Do not submerge the Synchrony™ controller. Both connectors must be secured tightly and port covers must be firmly in place to ensure water resistance.



Do not pierce Synchrony™ LED strips as this will cause them to lose their water resistance and may damage the electronics. Use tape or the included hardware for installation.



Avoid exposing Synchrony™ to extreme temperatures. Prolonged operation in high temperatures may cause the controller to overheat. Extremely cold temperatures may cause plastic components to become brittle.