




LipSync: User Guide

Introduction

The LipSync is a sip-and-puff joystick that allows a user with limited or no arm mobility to control their computer. It emulates a computer mouse and can perform left click, right click, scroll, and other mouse functions.

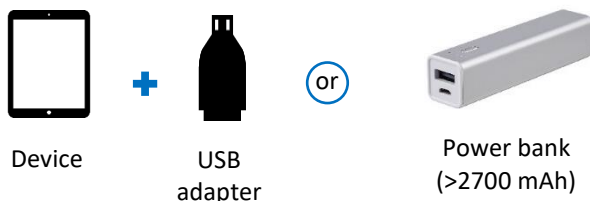
This assistive device is suitable for users with spinal cord injury, MS, ALS, and other disabilities that restrict arm movement.

Device Compatibility

		
Phone	Tablet	Computer & Laptop
Android 4.0+ iOS13+ Windows	Android 4.0+ iPadOS+ Windows	Windows MacOS

Powering the LipSync

The LipSync does not have an internal battery so it needs to be powered at all times with an external power source. Users can draw power off of the device (except on iOS devices) or use a power bank.



Initialization

Allow 3 seconds for the LED initialization sequence to flash **each time** the LipSync is plugged into a device.



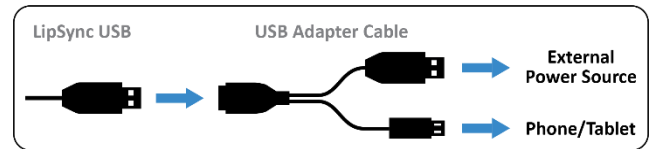
Cursor Speed Control



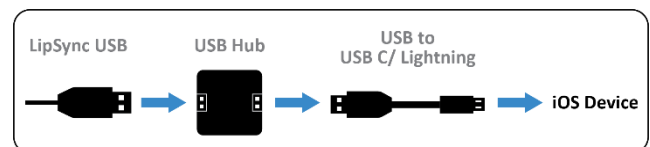
Press the ▲ button to increase and the ▼ button to decrease the cursor speed on the rear of the LipSync.

Connecting to a Device

For computers and Android & Windows devices, connect the LipSync USB into the device. Use an adapter if necessary.



For iOS devices, connect the LipSync USB into a USB hub. Use a USB to USB C/Lightning (depending on the device used) to connect the USB hub to your device.



For more information, see *LipSync: Setup Guide*.

Cursor Setup on iOS Devices

1. Open your device's **Settings** > **Accessibility** > **Touch** > **AssistiveTouch** > Turn it on.
2. Turn off **Always Show Menu**

Functions for Mobile or Tablet

FUNCTION	ACTION	ACTION TIME (SECONDS)
Tap	Puff	1
Back button ¹	Sip	1
Drag ²	Puff	1 each
Scrolling ³	Puff	3
Cursor drift reset	Sip	3
Home button ¹	Puff	5

¹ If the device uses on-screen icons, move the cursor over the icon to tap.

² The red LED will stay on at all times in this mode

³ The green LED will stay on at all times in this mode

Functions for Computer

FUNCTION	ACTION	ACTION TIME (SECONDS)
Left click	Puff	1
Right click	Sip	1
Double-click	Puff	1 each
Drag	Puff	3
Scrolling (↑ ↓)	Sip	3
Cursor drift reset	Puff	5
Scrolling (↑ ↓ ← →)	Sip	5