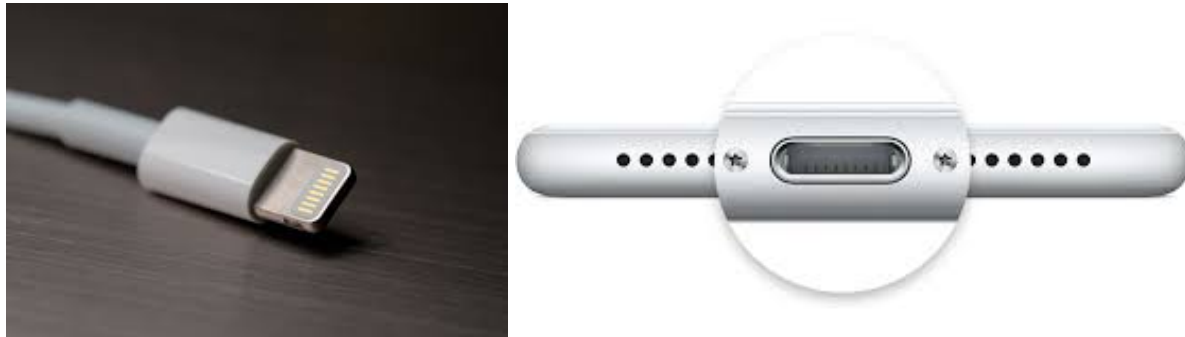# Livestream Upgrades Using an iOS Device

Requirements

The following applies to livestreaming using an iOS device (Apple iPhone or iPad) with a **Lightning Connector**

If you have an Android device, I will make note of possible solutions throughout this article.

Universal Upgrades

Some of the items featured will work regardless of the type of device/connection type. I will make note of these universal devices.

Please Note

The information contained in this document is just an example of one way to improve your stream. There are many solutions, many brands, varying costs, with various levels of difficulty. This is just one solution. That being said, your needs may be different based on your location, equipment, and many other factors. The goal of this document is simplicity, and to provide a solution that will work for most.

Tripod/Mount (Universal Upgrade)

A Stable Base for Your Device

If you don't already have one, a Tripod/Mount combo is a great place to start. This will securely hold your device and allow you great flexibility in setting your device in the proper position with ease. You will need a Tripod as a "base", and a Mount to secure your device to the Tripod.

Tripod Suggestions (Universal Product)

Simple and Cost Effective.
Magnus PV-3320G Photo/Video Tripod

$21.95

(At time of publication. Prices may vary)

Fluid head for smooth movement of the device (if you have a camera operator who will be panning and tilting the camera while streaming).
Magnus VT-300 Video Tripod with Fluid Head

$79.95

(At time of publication. Prices may vary)

Mount Suggestions (Universal Product)

For a Smartphone.
Square Jellyfish Jelly Grip Tripod Mount for Smartphones

$12.95

(At time of publication. Prices may vary)

For a Tablet.
Square Jellyfish Tablet Tripod Mount

$18.95

(At time of publication. Prices may vary)

Please note, you need BOTH a Tripod, as well as a Mount for your device.

Audio Upgrades (iOS Specific)

Wireless Microphone

To improve the audio with a solo performer/speaker, a wireless mic will be a huge improvement over the built-in mic of the smart device. Usually the device is too far away from the person speaking, resulting in subpar audio quality. A wireless mic will clip on to a single person and transmit wirelessly to the smart device. To accomplish this, you need a Wireless Mic Transmitter/Receiver Kit AND a special interface cable.

Interface Cable (iOS Specific, Lightning Port Required)

Saramonic LC-C35 Locking 3.5mm Connector to Apple-Certified Lightning Output Cable

$59.00

(At time of publication. Prices may vary)

*Android alternative – If you have an Android device with a USB C type port, you may be able to use this alternative version.

Audio Upgrades (iOS Specific)

(Continued from above)

Wireless Microphone Receiver/Transmitter Kit

Comica Audio CVM-WM100

$159.00

(At time of publication. Prices may vary)

*This kit comes with a Wireless Mic pack for the person speaking, as well as the receiver to connect to your smart device using the above interface cable.

This device also has a line level input, allowing you the option to connect to your in-house sound system to capture the audio from your existing mixing board, microphones, etc. To connect to your house sound system will require extra cabling and someone with knowledge of your existing sound system, and the ability to know how to make the connection. This method goes beyond the scope of this guide.

Connection Between Wireless Mic Kit, Interface, and Your Smart Device

In this example scenario with the equipment above, the connection would be as follows:

REQUIRED
- Connect the interface cable as shown, between the Lightning Port of your iOS device and the OUTPUT of the wireless receiver pack
- Wireless Transmitter pack with Microphone is worn by the person speaking

OPTIONAL
- You can also omit the Microphone from your Transmitter Pack and use the LINE level input instead to connect to your existing house sound system. This will require extra cabling, and someone with knowledge of your sound system. This option goes beyond the scope of this guide.
- Other microphone types are available (sold separately) to plug in to the Transmitter pack as well. As an example, a table or handheld mic.