



# Reflector 2

## At a Glance...

- Permits school-owned iPads to "screen share" to your teacher laptop (which can then in turn be projected).
- Record these "screen shares" if you wish.
- Permits powerful collaboration in the classroom

## Access It At...

installed software; see below

## Required Knowledge...

- Basic Microsoft Windows operation

## Username / Password

- Not needed by teacher or student

The first step is to install the Reflector 2 software on your teacher laptop. This may only be done on teacher laptops.



Click the up arrow in the system tray at the bottom right of your desktop. Look for the blue "B" button. Click to launch it.



From the list, click the title "Reflector 2." Then click "Accept." It will take a few minutes for the software to download and install. You'll receive a message that the process is complete.

For additional help with installation, refer to this guide...

<http://www2.wcpss.net/departments/technology/downloads/big-fix-offers.pdf>

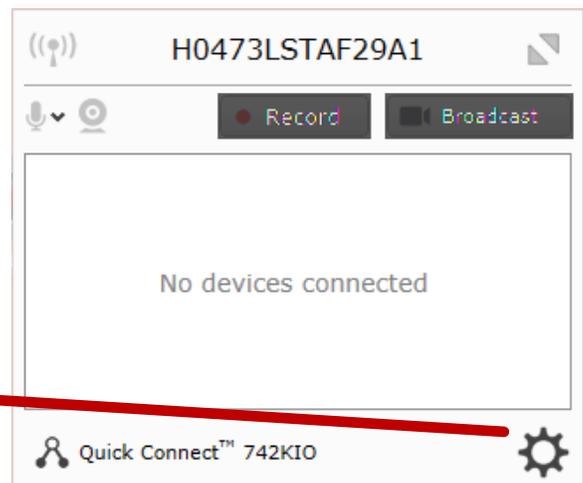
Launch Reflector 2 from the Start menu. Start / All Programs / Reflector 2 / Reflector 2. Reflector 2 operates in the background - so you may have to go back down to your system tray (bottom right of your desktop), click the up arrow, and launch it from there. The icon looks like this...



This is the simple window for Reflector 2. When devices are connected, you'll see them listed here.

Before we get going though, there are a few settings we need to alter.

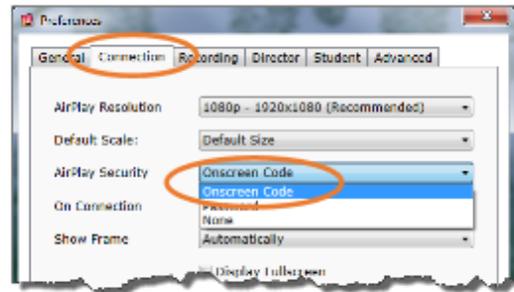
Click the gear to access Reflector 2 settings, and choose "Preferences."



Click the "Connections" tab.

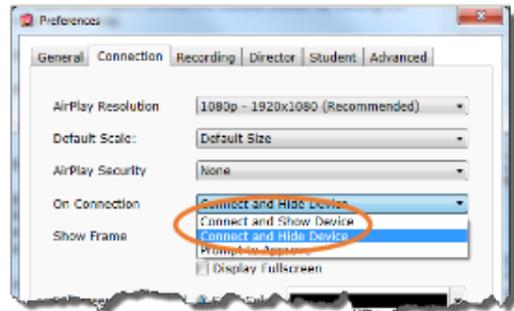
Change Airplay Security to Onscreen Code.

This is an important security setting that prompts devices that attempt to connect to enter a unique password. This code will appear on the teacher's screen, so only those in the classroom can see it.



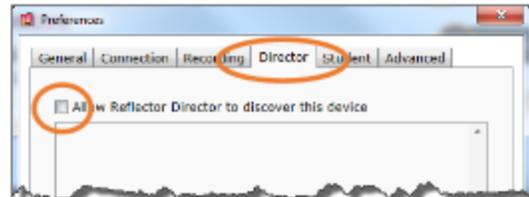
Also under the "Connections" tab, Change On Connection to Connect and Hide Device.

This allows any client to connect to your device without notification, but you will be able to choose whether a device is displayed or not.



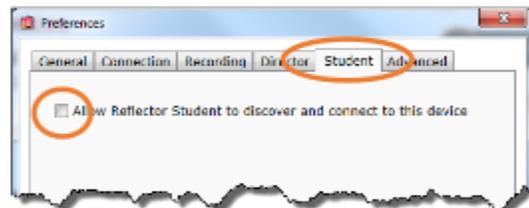
Click the "Director" tab.

Uncheck Allow Reflector Director to discover this device.



Click the "Student" tab.

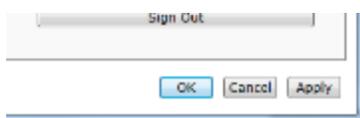
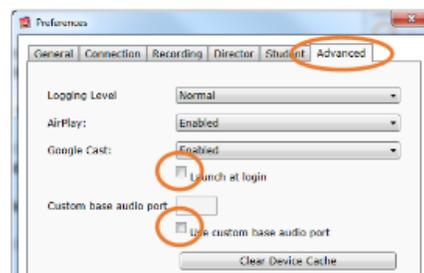
Uncheck Allow Reflector Student to discover and connect to this device.



Click the "Advanced" tab.

Uncheck Launch at Login.

Uncheck Use custom base audio port.



Once you've made all of the above changes, click "Apply" and then "OK."

Note you'll only have to do these setup steps this once - NOT every time you start Reflector 2.

Before we show you how to display student devices on your screen, let's take a look at how a student would connect their device to you.

### Apple Devices using iOS (iPhones, iPads, etc...)

Use the Airplay feature. On the homescreen, swipe upwards to reveal this toolbar (its look will vary based on which device/iOS the student is using)...



Tap "AirPlay."



The student will see a list of devices AirPlay can connect to. Your laptop will be listed (your laptop's name will show the school number, STAF, followed by the last few digits of the laptop's serial number). There's no way to change this name to something friendlier.

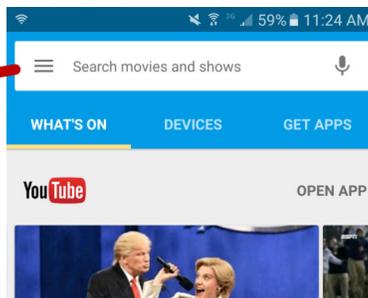
Simply tap the name of the device to connect to.

### Android Devices

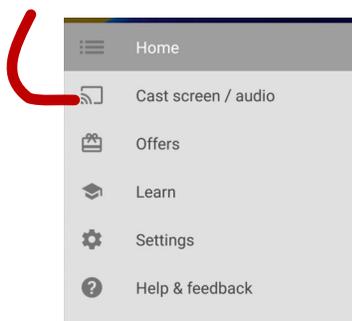
These devices must have the "Google Cast" app installed (it will soon be re-named to Google Home).

Launch the Google Cast app.

Click the "hamburger stack" to access the command menu.



Choose "Cast screen / audio."

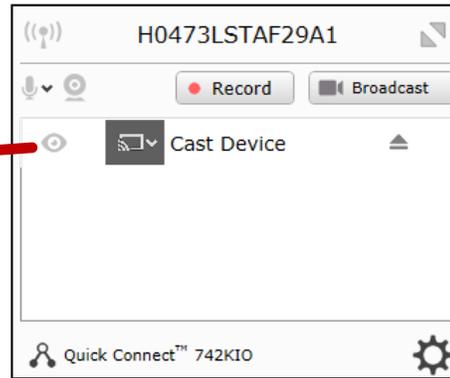


This screen will show up. Click the yellow "Cast Screen" button. Select the teacher's laptop name (as described above for Apple devices) to cast to.

On your teacher laptop, you'll see all students who are connected to you.

You can display the device by clicking the eye icon to the left of the device name.

A new window will pop open and display exactly what's on the student's device.



Note this software does NOT permit you to wirelessly screencast from your teacher laptop to a projector. You still have to use cables for that.

**IMPORTANT!**

The only form of student devices that can connect to Reflector 2 are school-owned iPads. BYOD devices will NOT be able to connect to Reflector 2.

**For additional documentation and full WCPSS Reflector 2 user guides, visit...**

**<http://bit.ly/2eKkWqI>**