

Router Setup Guide



1. Unbox the Router and Battery

2. Slide the battery voltage switch to **12V**
(higher voltages might damage the router)

3. Plug the cable (included with the battery) into the **OUTPUT** port on the battery and the power port on the router.

4. Connect the Router's antennas if needed

5. The lights on the router should start flashing and in a few minutes you can connect to the WiFi network
(if the lights don't come on, press the power button on the battery and make sure its charged)



Do not plug the 19V power adapter into the router.

Only use the 12V power adapter with the router.

Mac Software Setup Guide

1. Download and install **RECentral** from the echo support website: <http://www.echo1612.com/support>

2. Download and install **echo1612** to your desktop from the echo support website

3.  Launch the **RECentral** software on the computer

4. Follow the **Camera Setup Guide** and turn on your **Camera**

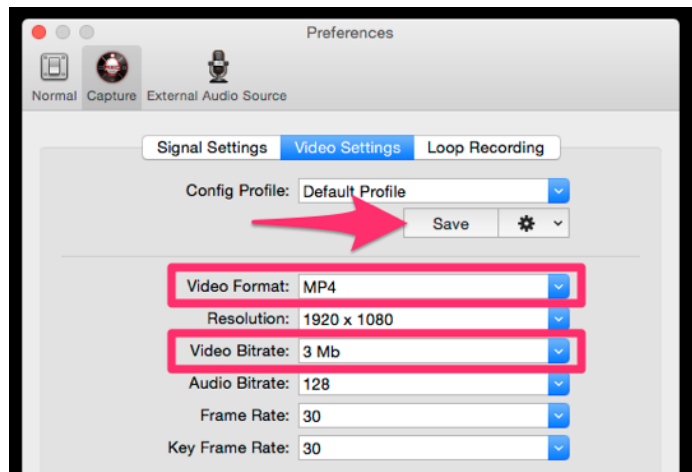
5. Wait for the camera feed to display on the **RECentral** software
(if you hear feedback, mute the computer)


6. Click the **Settings** button at the bottom
Click the **Enter** button

7. Click the **Capture** Tab
Click the **Video Settings** Tab
Set **Video Format** to **MP4**
Set **Video Bitrate** to **3 Mb**
Click **Save**
Close the window

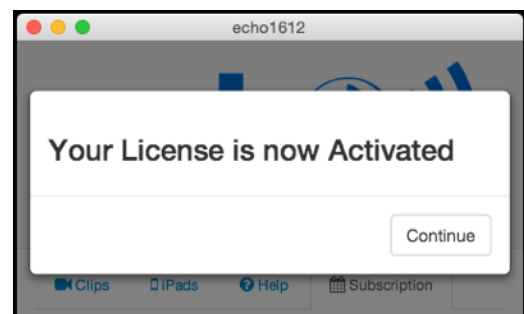


8. Click the **Circle** under the **Enter** button



9.  Launch the **echo** app on the computer

10. Enter your license key that was included in your welcome email.



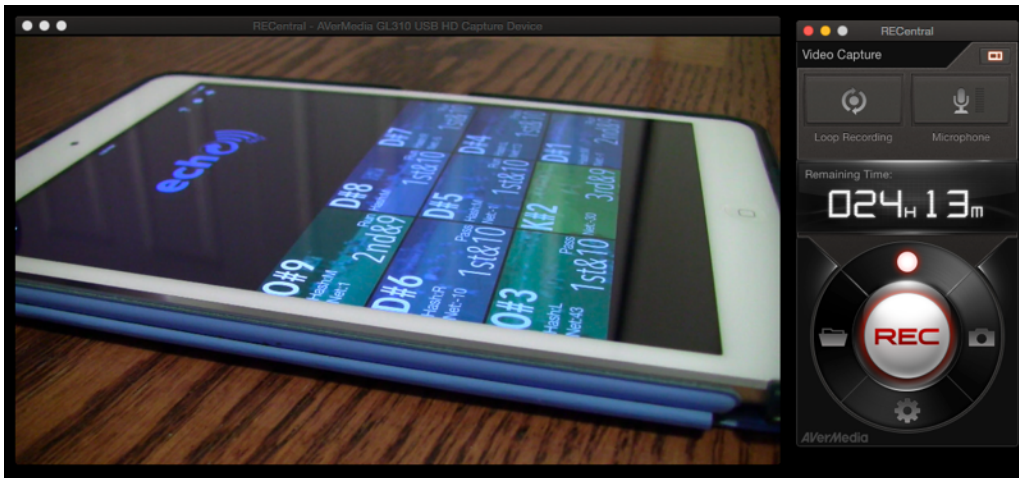
11. Follow the **Quickstart Guide: Mac**

QuickStart Guide: Mac



1. Launch the **RECentral** software on the computer

2. Wait for the camera feed to display on the **RECentral** software
(if you hear feedback, mute the computer)



(you should see a 1-2 second delay. It is **important** that you stop recording after you see the play finish on the preview screen)



3. Launch the **echo** app on the computer

4. Press the **REC** button to start and stop recording a clip
(you can also press the round glowing button on the AVerCapture box itself)

Connect your iPad 1. Turn on your iPads and if needed install **echo1612** from the app store

2. Connect the iPads to the **echo 5** wifi network

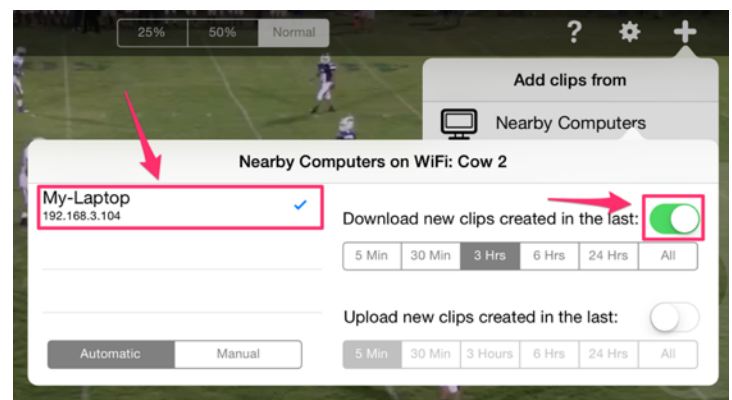
3. Start **echo1612** on the iPads

4. Tap the **Add Clips** button at the top of the screen and select **Nearby Computers**.

(If you see **SEARCHING** please follow the **Manual Connection guide**)

Now **select** your computer from the left and turn on **Download New Clips** and set the time to **ALL**.

(Any recorded video clips should start downloading)



Camera Setup Guide

Please follow the Software Setup Guide before continuing.

- 1.** Turn on the Router using the **Router Setup Guide**
- 2.** Connect the computer to the **echo 5** wifi network or to the router using a **cat 5** cable
- 3.** Plug the **USB cable** into the **AVerCapture HD** box
- 4.** Plug a **HDMI cable** into the **AVerCapture HD** box's **IN** port
- 5.** Plug the **AVerCapture HD's USB cable** into the computer
- 6.** (if required) use a **mini HDMI adapter** to connect the **HDMI cable** to the **Camera**
- 7.** Plug the **HDMI cable** into the **Camera**

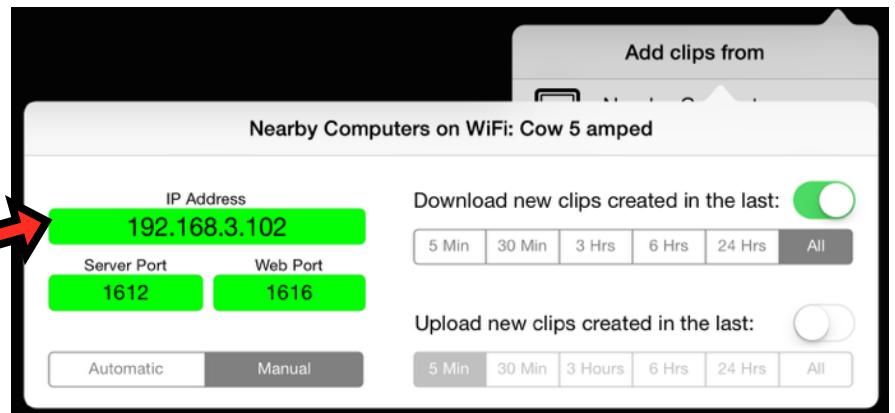
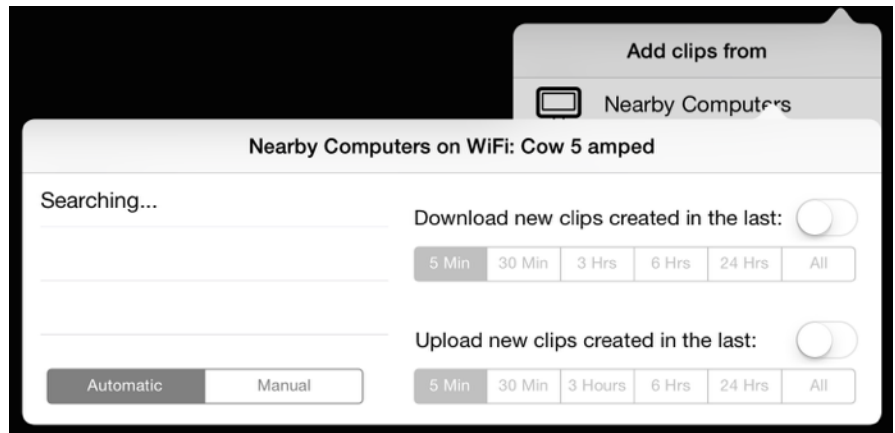


- 8.** The camera should now be connected to the computer
- 9.** Turn the camera on and make sure HDMI mirroring is enabled (If you see video in the **RECentral** software then mirroring is enabled)

Manual Connection



1. If you only see **Searching** then click the **Manual** button
2. Verify that the iPad and Computer are on the **echo 5** wifi or connected to the router with a **cat 5** cable.
3. Open the **echo** app on the computer and click the **Help** tab.
4. Type the **Server IP** from the computer into the **IP Address** field on the iPad



5. On the iPad **Turn On** download new clips and set the time to **ALL**.
6. Any recorded clips should start appearing on the iPad.

Tips

If your IP address changes on the computer, you will need to update the iPads.

If you still can't connect, make sure your computer's firewall is not blocking echo.

A typical IP address is: 192.168.3.10X

Make sure you are connected to the same network.

echo 5 WiFi



echo 5 runs on a 5GHZ frequency while echo 2 runs on a 2GHZ frequency.

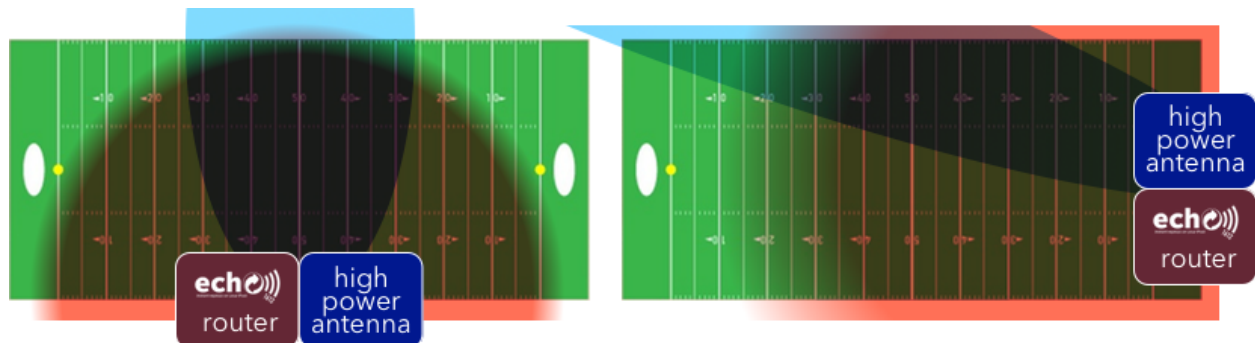
We recommend you connect to the **echo 5** wifi network on your iPads.

If your computer can't see **echo 5** wifi and can only see **echo 2** then we recommend connecting the computer to the router with a **cat 5** cable.

Plug the **cat 5** cable into **Port 1** on the router and the **cat 5 port** on your laptop.



High Power Antenna



Connect your antenna to your router's antenna port closest to the **power cable**.

Point your antenna towards the coaches on the sidelines.

It is recommended that you keep your antenna 10 feet away from your headset antennas.

Charging your Battery



To charge your battery, use the included **19 Volt** power adapter and plug it into the battery's **Input** port.

When all the charging lights stay solid, the battery is charged.

We recommend charging the battery before every game.

Do not plug this charger into your Router, it is too powerful.

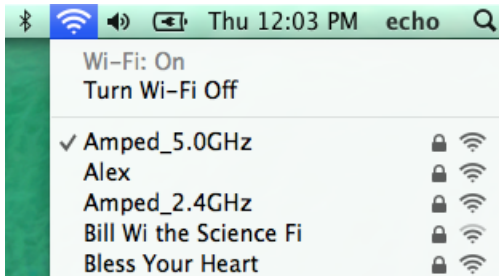


Router Programming Guide

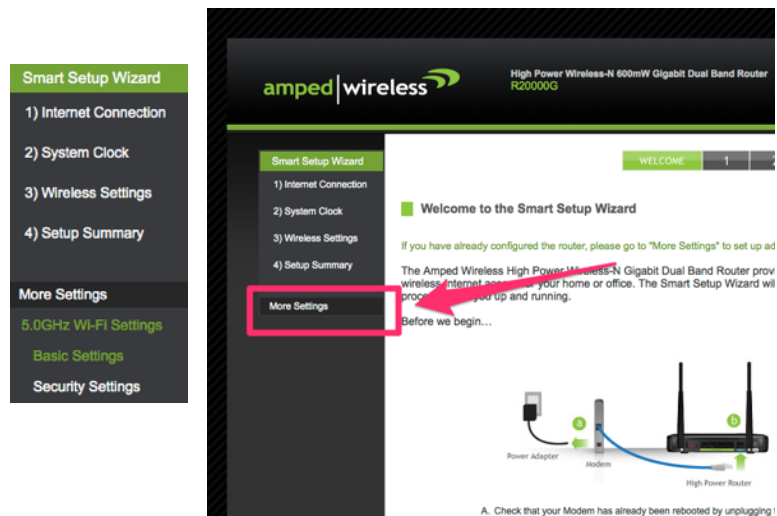


Your router is already programmed, this is just for reference.

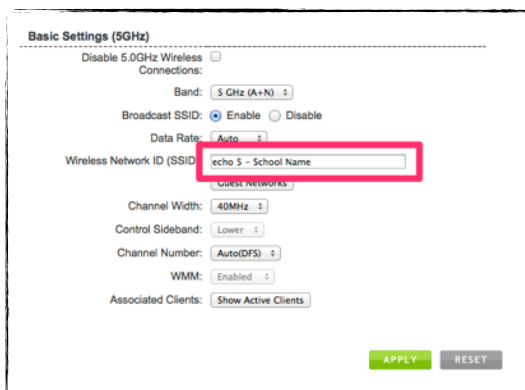
1. Power on the router and connect to the WiFi network **Amped_5.0GHz** (the password is **wireless**)



2. In your browser goto: <http://192.168.3.1> (login: **admin** pass: **admin**)

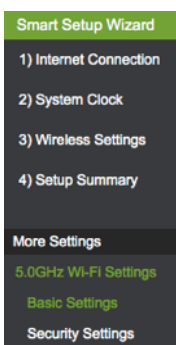
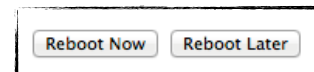


3. On the left menu bar, click **More Settings** then **5.0GHz WiFi Settings** then **Basic Settings**

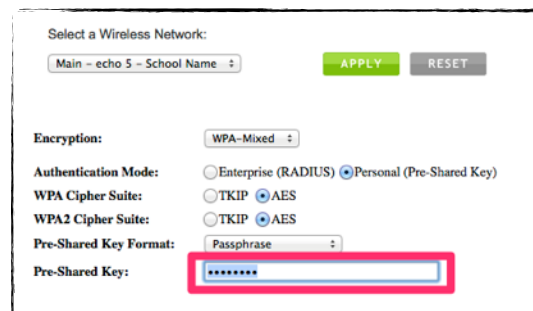


4. Change the SSID to **echo 5 - School Name** and press **APPLY**

5. Press **Reboot Later**

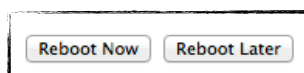


6. Now click **Security Settings** on the left



7. Change the **Pre-Shared Key** to **touchdown** and press **APPLY**

8. Press **Reboot Later**



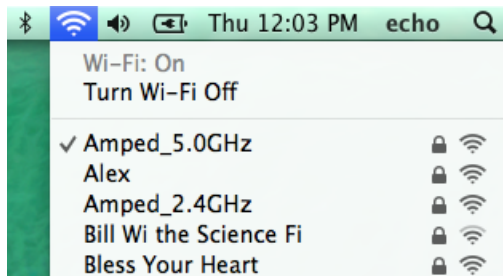
9. Repeat steps 3-8 for the 2.4GHz Wi-Fi Settings except you will change the SSID to **echo 2.4 - School Name** and you will Press **Reboot Now** on Step 8

Router Password Guide

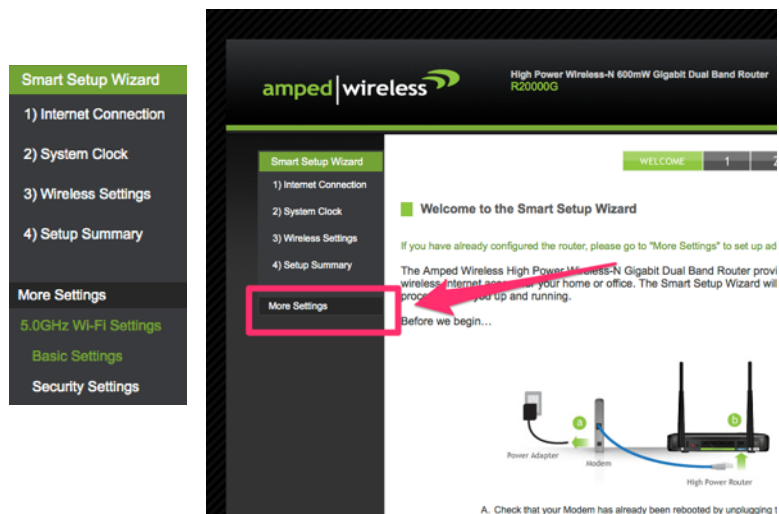
This guide will help you change your wireless network password.

Your router is already programmed, this is just for reference.

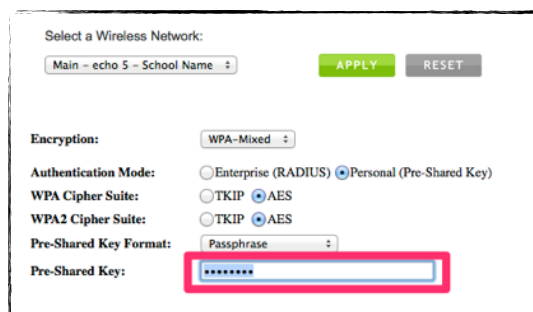
1. Power on the router and connect to the WiFi network **echo 5 - School Name**
(the password is included with your school license)



2. In your browser goto: <http://192.168.3.1>
(login: **admin** pass: **admin**)

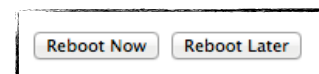


3. On the left menu bar, click **More Settings** then **5.0GHz WiFi Settings** then **Security Settings**



4. Change the **Pre-Shared Key** to **YOURPASSWORD** and press **APPLY**

5. Press **Reboot Later**



6. Repeat steps 3 and 4 for the **2.4GHz Wi-Fi Settings** and you will Press **Reboot Now** on Step 5