Using the Revolabs xTag wireless USB microhpone with Camtasia Relay to capture your class

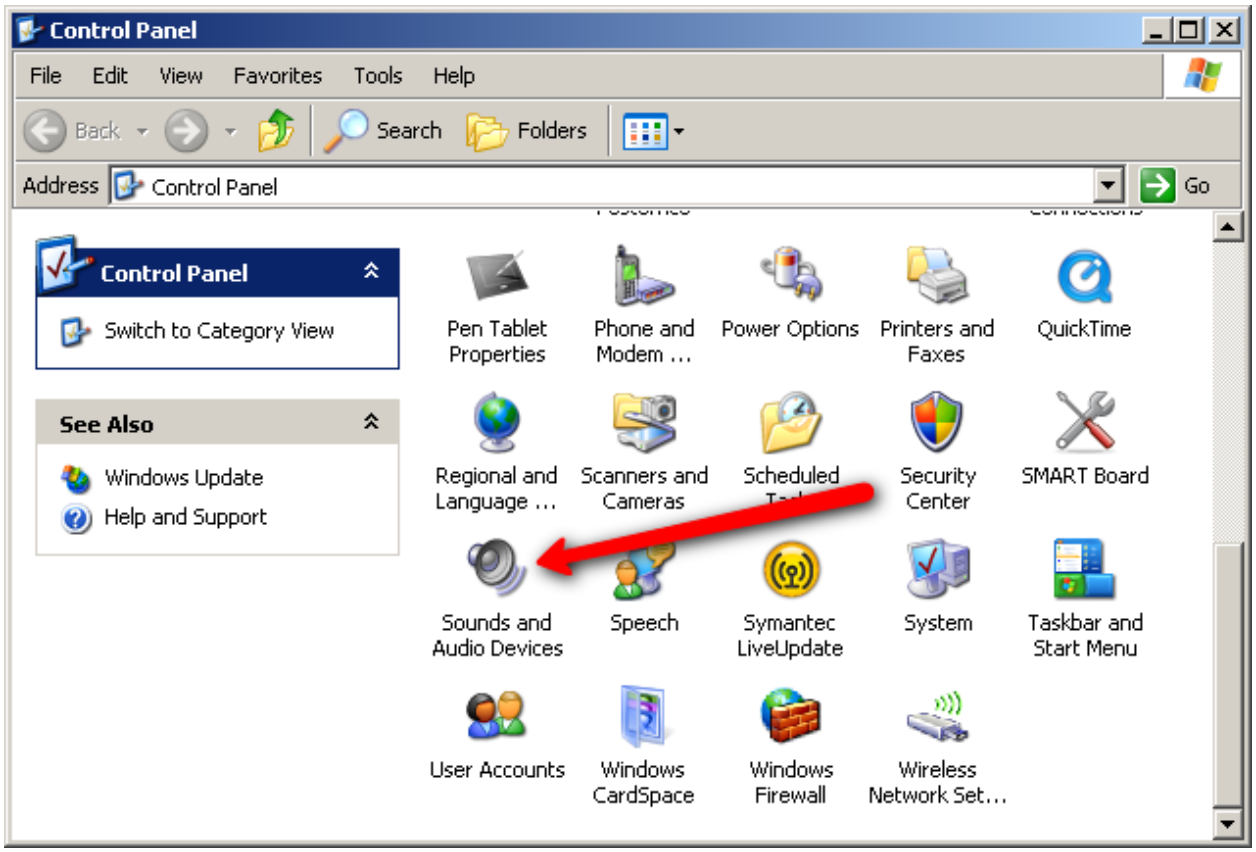
At the College of Natural Resources we use Camtasia Relay as a means of recording classes. What gets captured is the presenter's voice as well as whatever is on the computer's monitor.

The parts:

To use Relay in conjunction with the Revolabs xTag wireless USB microphone, you'll need to follow these steps before starting your presentation.

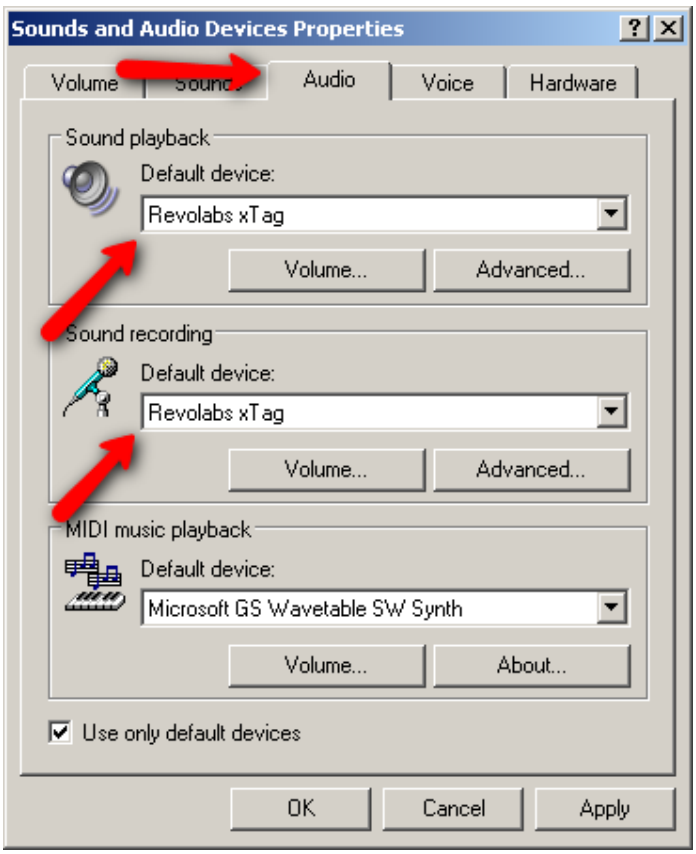
1. Connect the USB cable from the base station to an available USB port on the computer
2. Put the microphone on the base station, the microphone should blink a few different colors, but eventually should end up with solid green. That means that the microphone is fully charged. If it isn't solid green, than it is not fully charged. (for more on what the various light signals mean, see page #)
3. Before you start recording, modify the default audio playback setting:

    i. Open the Control Panel (Start > Settings > Control Panel) and select Sounds and Audio Devices

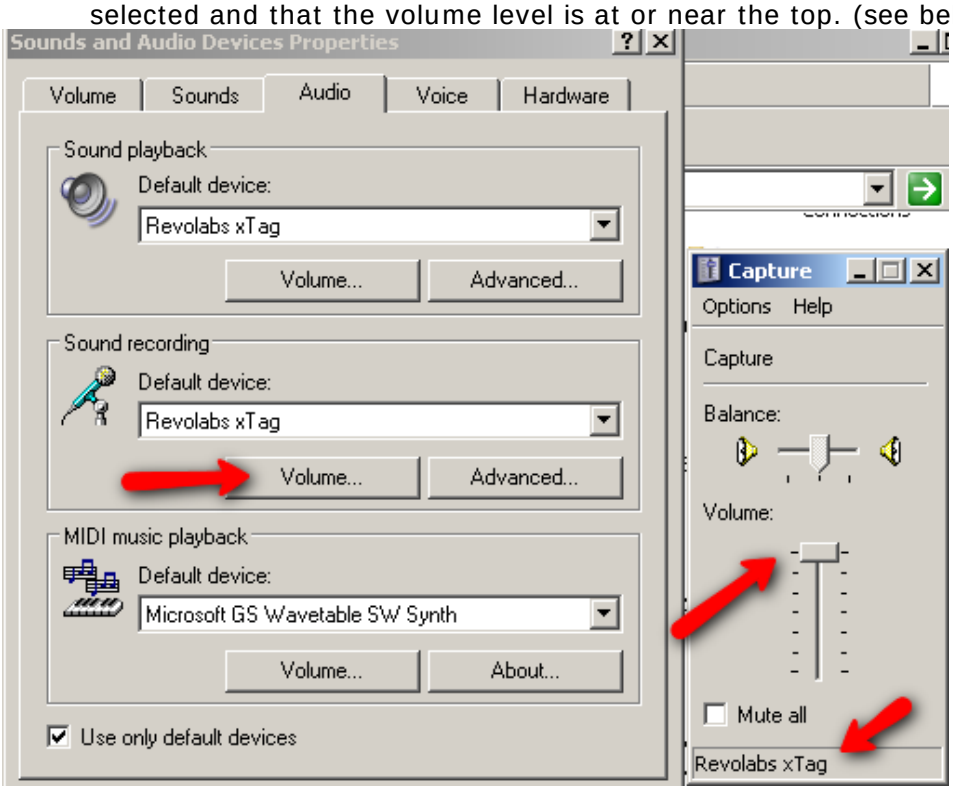


    ii. On the Audio tab change the Default device for Sound playback to "SigmaTel Audio" (or if that's not there, anything other than Revolabs xTag). (see diagram on next page)

    iii. Keep the Default device for Sound Recording as Revolabs xTag



iv. Choose Volume for Sound recording and make sure that Revolabs xTag is selected and that the volume level is at or near the top. (see below)

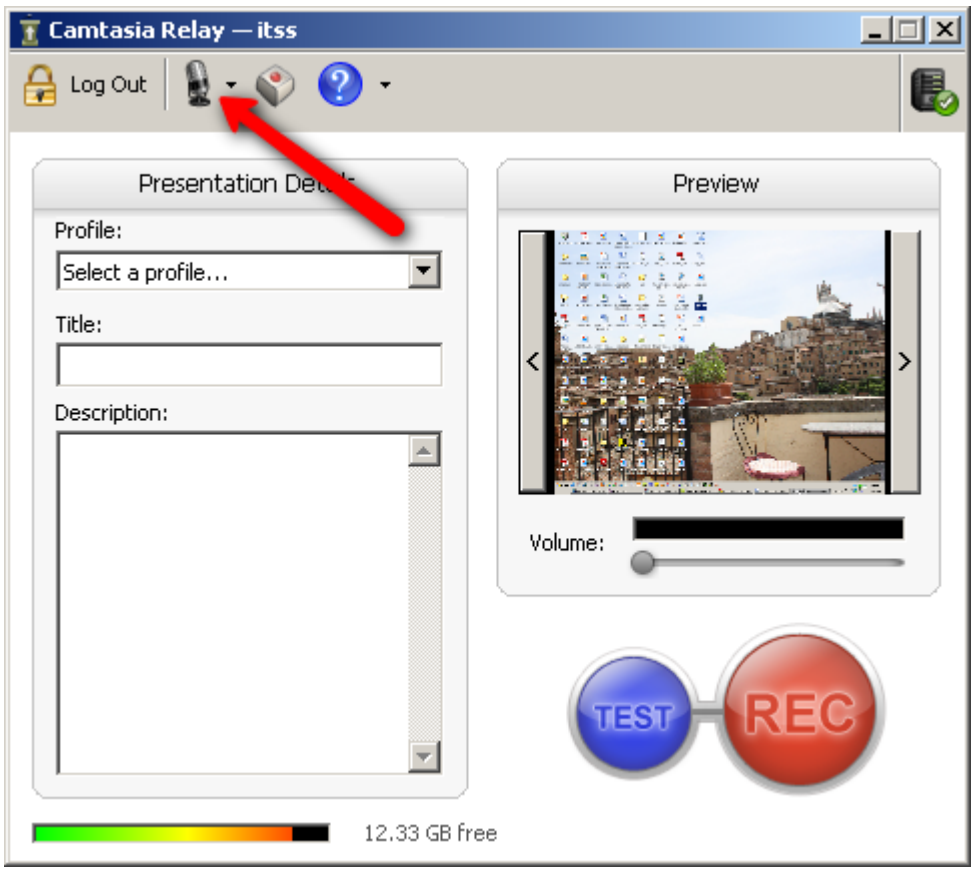


v. Click “Apply” and then “Ok” once these settings have been changed.

4. Open up Relay by double-clicking the icon shortcut on the desktop (or Start > All Programs > TechSmith > Camtasia Relay)

5. Sign in with your username and password assigned to you by CNR IT Services (email cnr_help@ncsu.edu if you don’t have one). If you don’t have an account and need to record, choose “Guest” and type your name and email address and then click Submit.

6. Choose “Microphone: Revolabs xTag” from the microphone input button (see below)



7. Remove the microphone from the stand. Immediately it will blink red to indicate that it is muted (this is the default). Press the square button on either the base station or the microphone itself just once to turn the mute off. The microphone should now be blinking green.

> **NOTE:** If the microphone is blinking red, yellow, green, yellow, the microphone needs to be paired to the base station. To fix this, see the last page of this manual, follow the instructions there and then return to step 8.

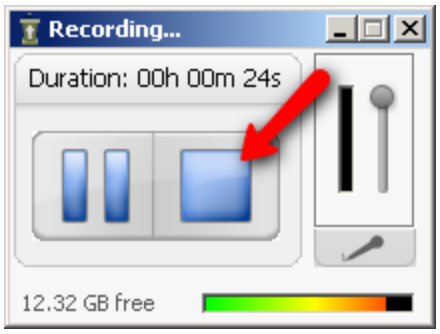
8. Test your audio by speaking. If you can notice the Volume indicator on Relay lighting up, then you are set.

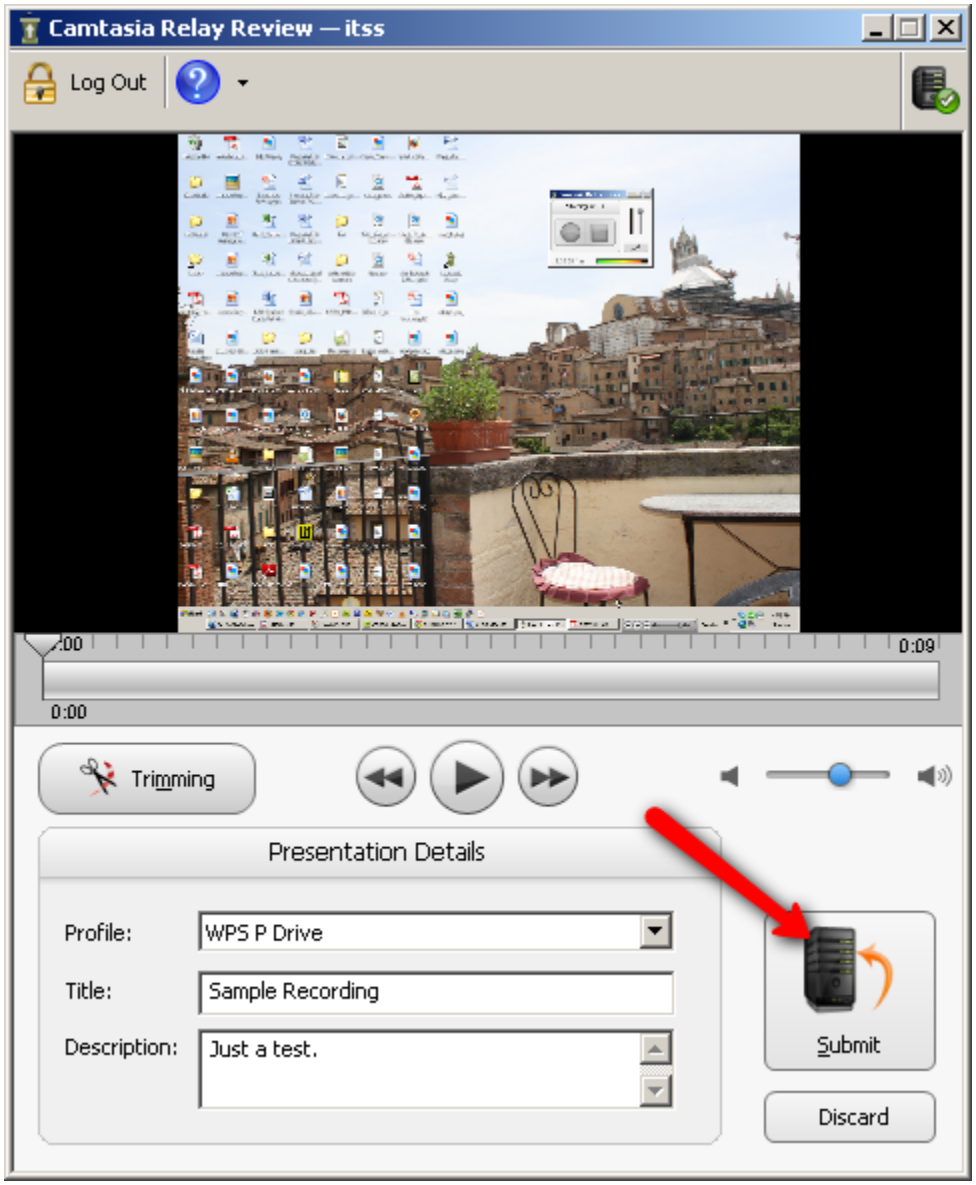
9. Run a 10 second test recording by selection “TEST” from the Relay interface. Record sample audio and then play it back to make sure it is working.

10. If that’s all set, select a Profile, give your recording a Title and select “REC.”

11. When you are done recording you can find the docked window labeled “Recording…” at the bottom of your screen and (see right)

12. When you are done, choose Submit (see below)





LED Status Indications Table

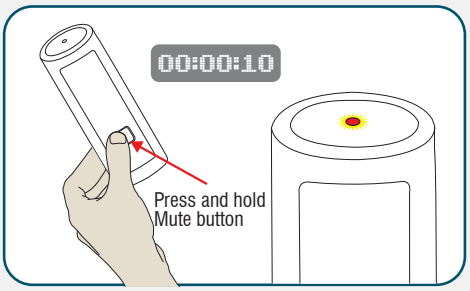
LED pattern	Meaning
Solid GREEN (Microphone only*)	Confirmation of power-up or battery reaching full charge. * In earlier versions LED will turn OFF when fully charged.
Solid RED	Pairing mode, or confirmation of powering-down, or battery charging.
GREEN flash every 1.5 seconds	Microphone paired, connected and un-muted.
Two RED flashes every 1.5 seconds	Microphone paired, connected and muted.
YELLOW flash alternating with GREEN flash	Microphone paired, connected, un-muted and battery low.
YELLOW flash alternating with two RED flashes	Microphone paired, connected, muted and battery low.
Alternating RED, YELLOW, GREEN, YELLOW (Microphone only)	Searching for a connection, or out of radio range. The Microphone will try to re-establish the link for about 15 minutes, and then turn off automatically. The Microphone will beep five times every 30 seconds.
Alternating RED, GREEN	Microphone is not paired to this Base Station.
Rapid RED flashes continuing for more than a few seconds	Radio congestion – it is not possible to make a radio connection because there are already too many nearby users of the RF band, or there is heavy radio interference.
Groups of five rapid RED flashes	Unit is faulty. Please contact your place of purchase for advice on return.

Revolabs Quick Start Guide

Pairing a Solo Wireless Microphone

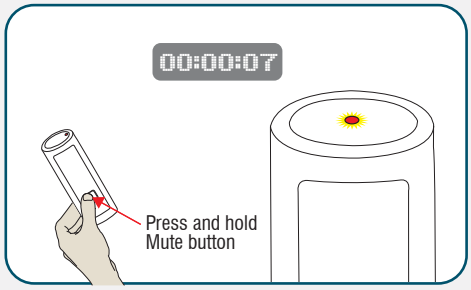
Step #1

First make sure the microphone is turned OFF (no LED activity). If the unit is ON, press and hold the MUTE button for 10 seconds until the LED turns solid RED (do not release when you hear two beeps). Release the button to turn the unit off.



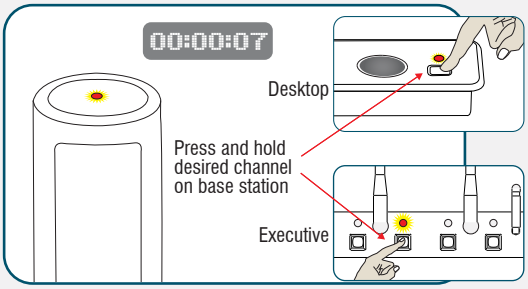
Step #2

Next, place the microphone unit into pairing mode by holding the MUTE button down for seven seconds. The LED will turn solid GREEN and then solid RED. Release the MUTE button. The microphone unit is now in pairing mode.



Step #3

Finally, press and hold the pairing button on the Base Station for seven seconds until the LED turns solid RED. On a Solo Desktop use the MUTE button. On a Solo Executive use the desired channel pairing button on the front of the unit. Release the pairing button and within a few seconds there will be a quick GREEN flash followed by flashing RED on both the microphone and the Base Station indicating muted audio. Pairing is now complete, and should not be required again.



You are now ready to experience wireless, rechargeable and secure (encrypted) collaborative freedom.

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