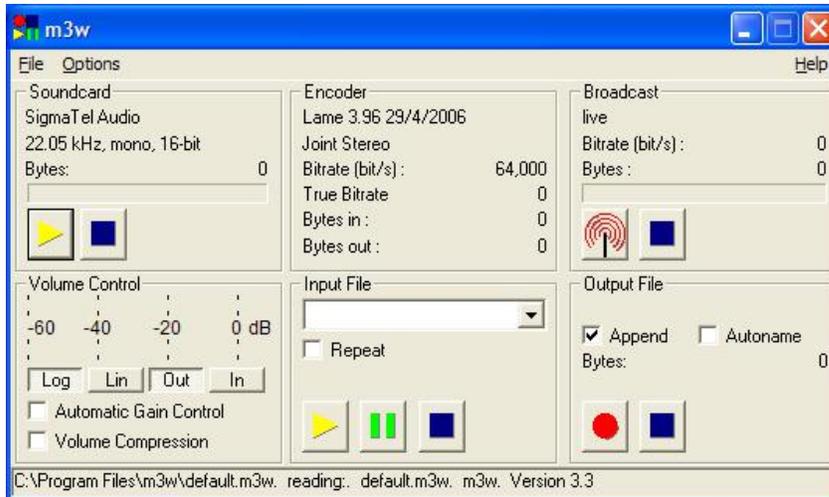


How to do a remote via the internet at WRSU

Remote:

Open 3mw Streamer. This might be installed on your machine, or be run directly from the CD.



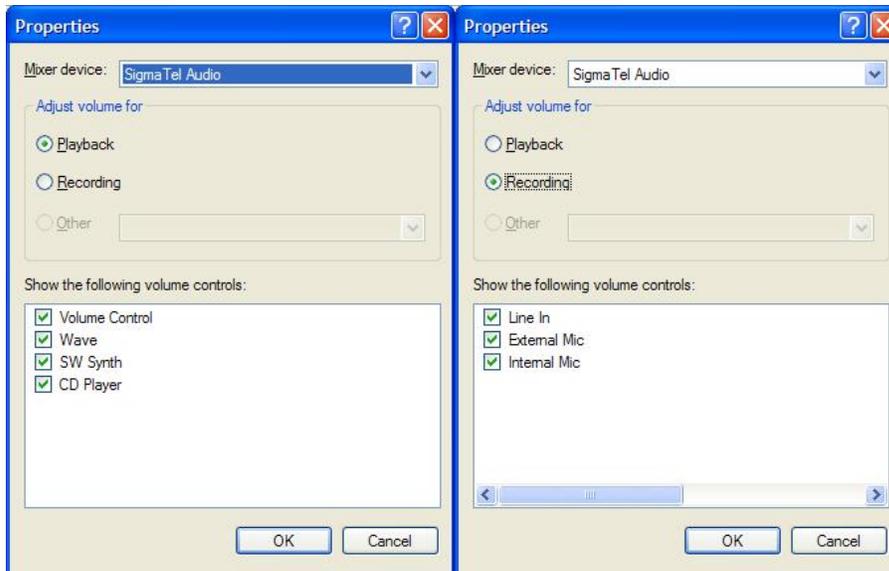
Plug the remote equipment into the LINE IN jack on the side of your computer.

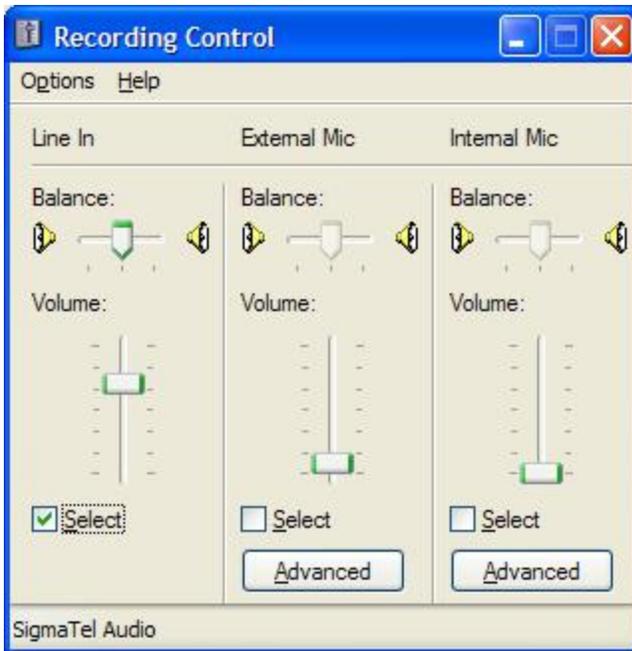
Bring up the Windows Mixer.

Select Options > Properties

Select Recording

Be sure "Line In" is checked





Windows 7 Recording Control – Select Line In (in this case Rear In)



Select "Line In"

Feed audio from your external mixer.

Click the Yellow Arrow under "Sound Card".

The VU Meter should move. Adjust the "Line In" on the windows mixer so the volume does not go into the red.

Turn on the "Automatic Gain Control"

Turn on the "Volumne Compression"

If needed select the Encoder Bit rate

- Default is 64000 bits/second.

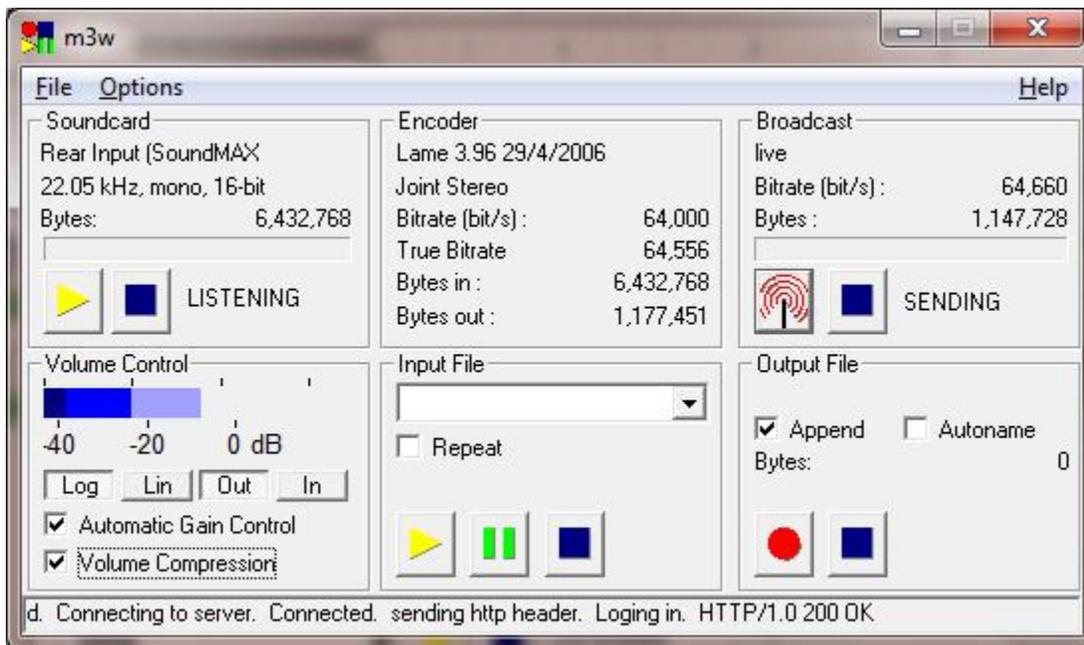
Select the Sound rate rate

- Default is 22.05 kHz Mono 16 Bit

See table at end for other bits rates.

Connect to the internet. If in doubt, open up a browser, and try to surf.

Assuming the server is running at the station, Click on the red circular icon under "Broadcast". This should connect, and display "Connected. Sending http header. Logging HTTP/1.0 200 OK"



You are now connected to WRSU.

If the Blue Bar appears in the "Broadcast" Box, you are on too slow an internet connection. Choose a Lower Bit Rate and/or Sample Rate

If you need to change machines,
WRSU Machine IP Address

FM2 128.6.200.101

PROD 128.6.200.103

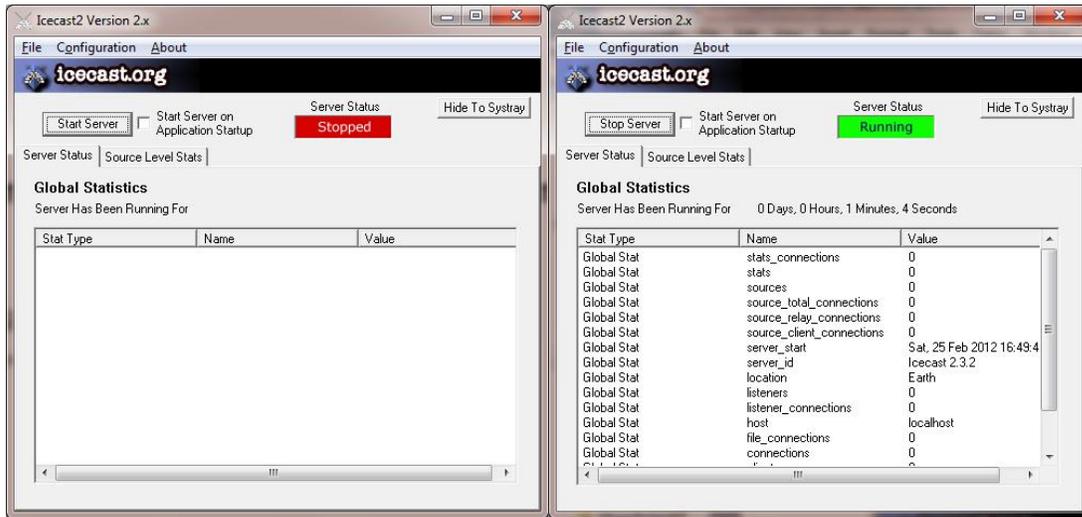
If you want to record the broadcast locally, Press the Red Circle in the "Output File".

WRSU Studios

On either Production or FM2, open the IceCast Program.

Click "Start Server"

Green Server Status will appear.

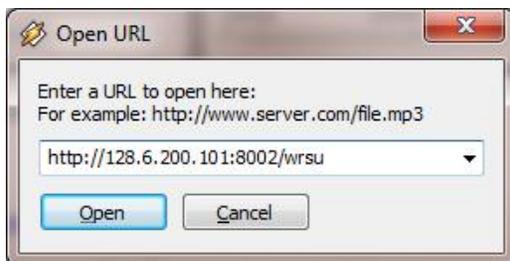


Open Winamp or Windows Media Player

Type:

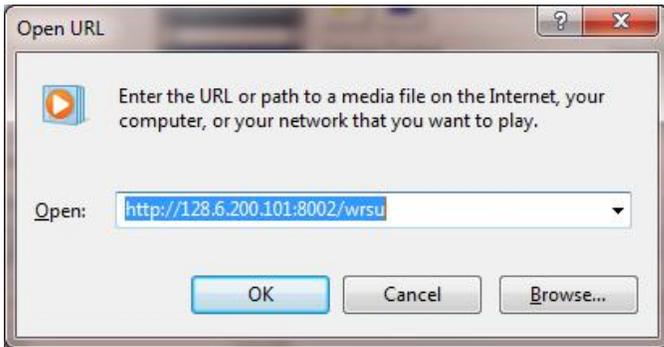
<http://128.6.200.101:8002/wrsu>

And bring check computer audio in CUE. Bring up on the air.
Reminder, there is a buffering delay.



Hit enter and program should connect to the server.





Sound Formats

Sampling Rate	KiloBits/Second	Recommend Rate									
		16	32	50	64	96	128	192	256	320	
11.025 kHz	Mono	Ok	Better	Good	Use Faster Sampling						
11.025 kHz	Stereo				Use Faster Sampling						
22.05 kHz	Mono			OK	Better	Good	Good	Good	Good	Use Faster Sampling	
22.05 kHz	Stereo					Good	Good	Good	Use Faster Sampling		
44.1 kHz	Mono						Good	Good	Good	Good	
44.1 kHz	Stereo						OK	Good	Good	Good	
48 kHz	Mono							Good	Good	Good	
48 kHz	Stereo							OK	Good	Good	

Set your Encoding Level for about 50% to 60% of your average upload rate.