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.

N mow		
File Options		<u>H</u> elp
Soundcard SigmaTel Audio 22.05 kHz, mono, 16-bit Bytes: 0	Encoder Lame 3.96 29/4/2006 Joint Stereo Bitrate (bit/s) : 64,0 True Bitrate Bytes in : Bytes out :	Broadcast live Bitrate (bit/s) : 0 0 0 0 0 0
Volume Control -60 -40 -20 0 dB Log Lin Out In Automatic Gain Control Volume Compression	Input File	Output File Output File Append Autoname Bytes:

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

Properties ?X	Properties 🛛 💽 🔀
Mixer device: Sigma Tel Audio	Mixer device: Sigma Tel Audio
Show the following volume controls: Volume Control Wave SW Synth CD Player	Show the following volume controls:
OK Cancel	OK Cancel



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

Playback	Recording	Sounds Communications
Select a	recording o	levice below to modify its settings:
1	Microp Sound Currer	hone MAX Integrated Digital High Definition Au tly unavailable
	Rear Ir Sound Defaul	nput MAX Integrated Digital High Definition Au It Device
	Stereo Sound	Mix MAX Integrated Digital High Definition Au
	Currer	itiy unavallable
		<u></u>
<u>C</u> onfi	gure	Set Default
		OK Cancel Apoly

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. Loging HTTP/1.0 200 OK"

🚰 m3w		
<u>File</u> Options		<u>H</u> elp
Soundcard Rear Input (SoundMAX 22.05 kHz, mono, 16-bit Bytes: 6,432,768	Encoder Lame 3.96 29/4/2006 Joint Stereo Bitrate (bit/s) : 64,000 True Bitrate 64,556 Bytes in : 6,432,768 Bytes out : 1,177,451	Broadcast live Bitrate (bit/s) : 64,660 Bytes : 1,147,728
Volume Control -40 -20 0 dB Log Lin Out In Automatic Gain Control Volume Compression	Input File	Output File Append Autoname Bytes: 0
d. Connecting to server. Connected	. sending http header. Loging in. HT	TP/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 Sampe 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 a

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.

nter a UR For exampl	L to open here: le: http://www.server.com/file	e.mp3
		and the second
http://129	8 6 JULI 1011-80017/AAPEU	

Hit enter and program should connect to the server.



Open URI	3 ×
	Enter the URL or path to a media file on the Internet, your computer, or your network that you want to play.
<u>O</u> pen:	http://128.6.200.101:8002/wrsu
	OK Cancel <u>B</u> rowse

Sound Formats

	KiloBits/Second		Recommend Rate								
Sampling		16	20	50	64	06	100	100	256		220
		10	32	00	04	90	120	192	200		320
11.025 KHZ	Mono	OK	Better	Good	Use Faster Sampling						
11.025 kHz	Stereo				Use Fa	aster Sa	mpling				
22.05 kHz	Mono		ОК	Better	Good	Good	Good	Good	Use Faster Sampling		
22.05 kHz	Stereo					Good	Good	Good	Use Fa Sampli		
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.