

# RealTime Audio Webcam

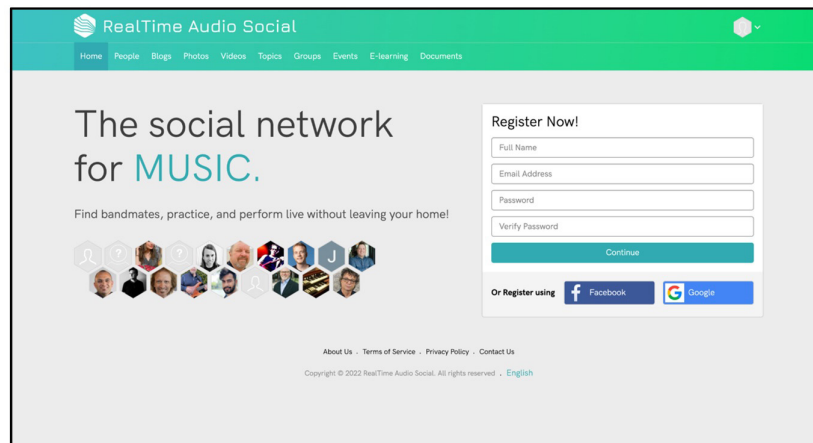
## Quick Start Guide

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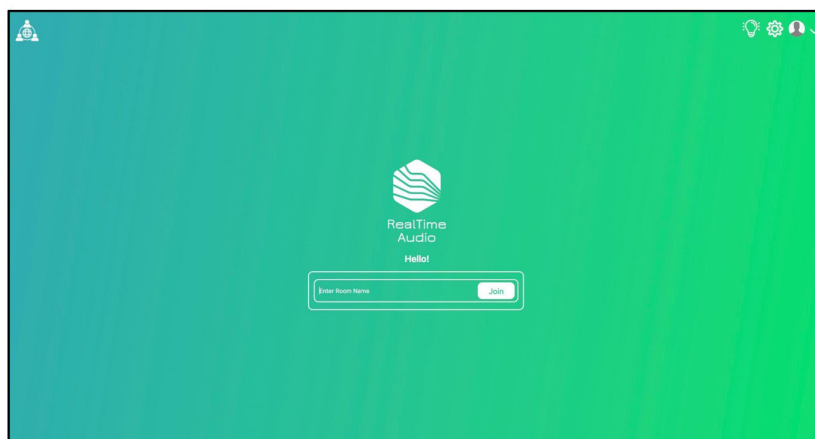
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## Getting Started



To get started, point your browser to [social.realtimeaudio.com](https://social.realtimeaudio.com) and register your account. Once completed, you can continue to the RealTime Audio Social Network site or go directly to the webcam homepage to start jamming!

## Webcam Homepage



There are three icons in the upper right corner of this page; Setup Guide, Settings, and a Profile icon. In the top left corner of this page, there is an icon that will take you back to the RealTime Audio Social Network. You can create a room name or enter an existing room name and then join the webcam room by clicking the “Join” button.

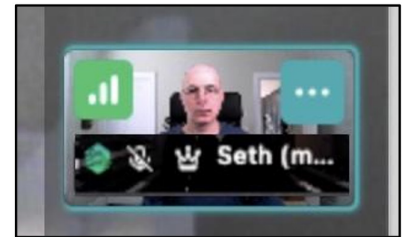
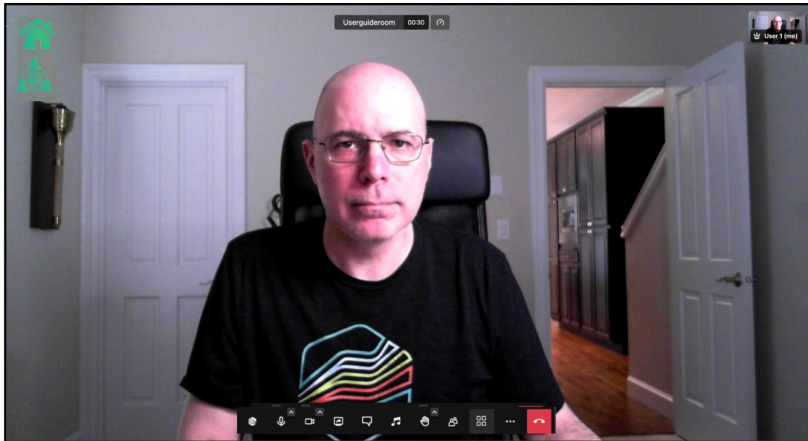
## Mic and Video Permissions

If this is the first time you are joining a room with your browser, a pop-up will appear. You will need to grant your browser permission to use your microphone and video camera. Click “Allow” in the pop-up to grant permission.

## The Pre-Meeting Screen

The Pre-Meeting Screen performs a system check that will make sure your microphone and video camera are working properly. If you have a RealTime Audio-powered device, the system will check to make sure that everything is set up and working properly. You may edit your user name here if you wish to make it different than your login credentials. This will not affect the user name you established when you registered or affect your login credentials. Click the “Join Meeting” button to enter the webcam room.

## The Webcam Room



In the upper right corner is a video thumbnail of a participant.

The three dots in the blue box in the right corner will allow you to change the volume for a participant in the webcam room who is not connected to their RealTime Audio device.

The RealTime Audio logo in green that appears in the bottom left corner means that the user is paired to a RealTime Audio-enabled device.

If the microphone icon has a line through it, this means that the user's webcam mic is muted.

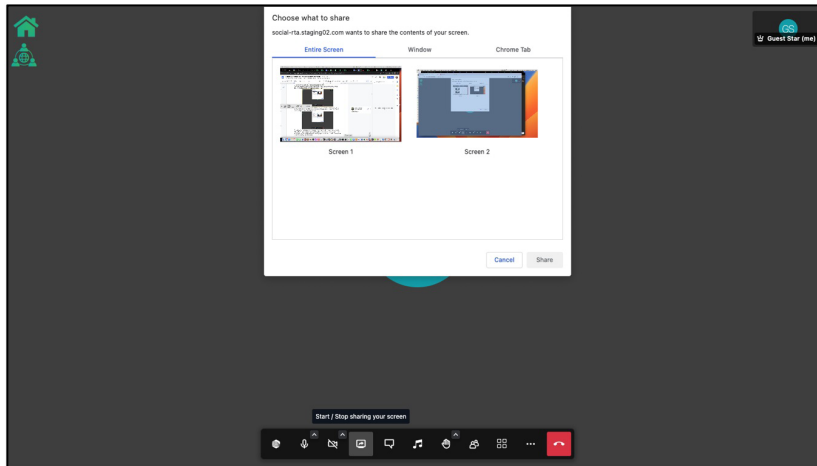
The crown indicates that the user is a room moderator. The moderator controls the room features. You may edit the appearance of your user name in the room by clicking on your name and typing in a new name. This does not affect your login credentials.

At the bottom of this window is a toolbar that includes the red hangup button that will end the meeting.,(if this is not visible, move your mouse, or touch your trackpad and it will appear):





## Screenshare



Select what you want to share by clicking on the appropriate text; “Entire Screen”, “Window”, or “Chrome Tab”. Then select the screen (if you have more than one), window, or Chrome Tab you want to share. Click “Share” so that all users can see your screen. You may create an “Infinity Mirror Effect” when sharing your entire screen.



## Music Mode

The RealTime Audio Webcam is made exclusively for music. Music Mode disables several audio processing features explicitly used for web conferencing. To enable this mode click the musical notes icon. When this mode is enabled, all users should mute their microphones when they are not speaking or playing, and everyone should be wearing headphones which will help to reduce feedback.

When you start this mode, your meeting room will reboot.

Please note: Music Mode is currently not available when using the RealTime Audio mobile apps.



## Invite Friends

Click on the people icon to manage or invite more participants to your session.

You can invite someone to join your room by clicking on the “Invite someone” button.

A pop-up display shows you different methods for sending out the invitation.



### **Tile View/Spotlight View**

You can change how you view participants in your room. You can view everyone on your screen (Tile view), or see one person on the screen (Spotlight view). If you are the moderator, when recording or live streaming, the changes you make between views will be recorded and presented in the recording or live stream. The default view is the Tile view. If you select a video thumbnail of another participant, your webcam will change to Spotlight view making that participant take up the entire screen. This works well if you have a participant who is performing a solo and you want to feature that participant during the recording or live stream. You can toggle between the Tile view and Spotlight view by clicking the icon in the toolbar.



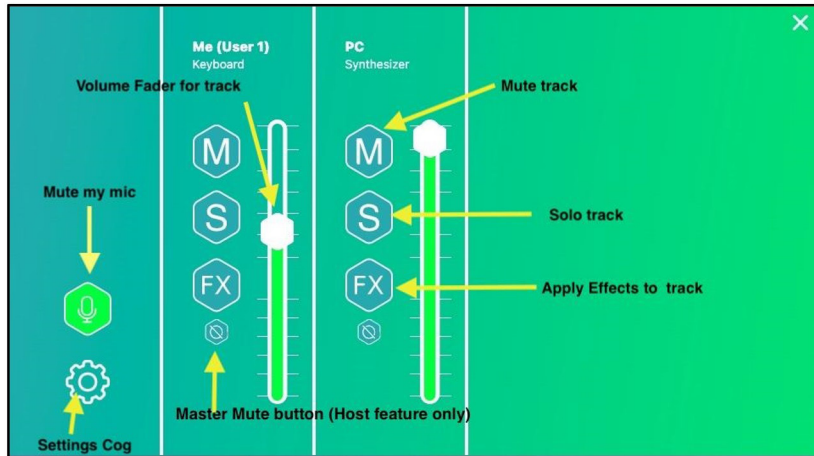
### **Ellipsis (More actions)**

Clicking this brings up a menu with more actions. The actions will be different for participants and the moderator.

### **When Connected to a RealTime Audio Enabled Device**

When you have a RealTime Audio enabled device and pair to it successfully, you will see a personal mixer pop up with a message that lets you know you are connected.

## The personal mixer window



*Mute my mic* - this will turn off your audio so that no one can hear you.

*Settings Cog* - this allows you to change your profile name and add your instrument, change audio settings, view latency metrics, and select a host based on ping and upload speeds.

*Volume fader for the track* - this allows you to adjust how loud or soft someone is in your headphone mix. If you are the moderator of the meeting and have started a recording or a live stream, your volume settings will also be the volume settings for the recording or live stream.

*Master mute button* - this is specific for the Host, only. Selecting this will mute an individual for all users. The particular user who has been muted can unmute themselves, but they will not be heard in the other participants' headphones until the host has unmuted (clicking the master mute button again) that particular user.

*Mute track button* - this will mute this track in your headphone mix. You will not hear them but other participants *will* be able to hear them.

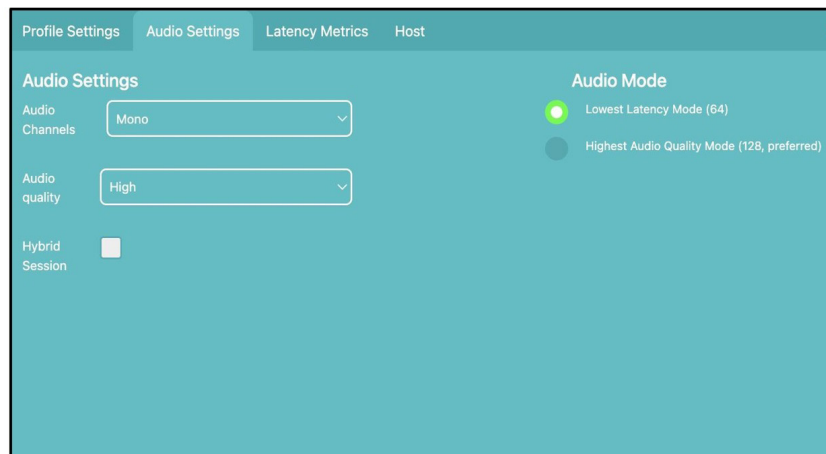
*Solo track button* - this will allow you to only hear this track in your headphones. All other tracks will be muted for your personal mix only.

*FX button* - this button will allow you to apply effects such as reverb, volume panning, or delay panning to specific tracks. Please note, that reverb is currently only available to your tracks and cannot be applied to the other participants.

## Profile tab

This is where you can edit your name without changing your login credentials and add the instrument you are playing.

## Audio Settings



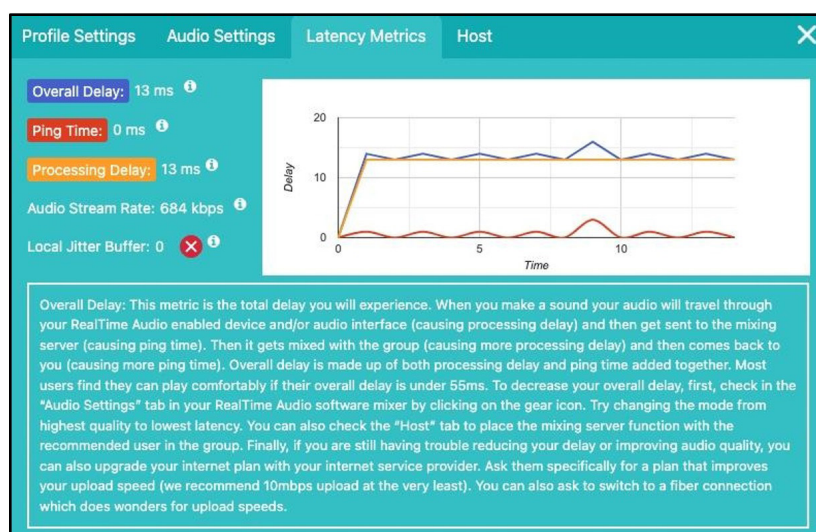
Audio Channels - there are three modes available: Mono, Mono-in/Stereo-out, and Stereo.

Audio Quality - the higher the audio quality, the higher your audio stream's data rate and the better it will sound.

Hybrid Session - this allows the low-latency audio to be mixed with users who do not have a Real-Time Audio-enabled device. Those who do not have the RealTime Audio-enabled device will notice a delay with their audio, but they will be able to hear the low-latency audio performances.

Audio Mode - “Lowest Latency Mode (64)” reduces the latency, but may increase the audio anomalies. “Highest Audio Quality Mode (128)” has a little latency and fewer audio anomalies.

## Latency Metrics



You can view your latency metrics and learn more about how each of these metrics affect latency.

# Host Tab

Profile SettingsAudio SettingsLatency MetricsHost

With every low-latency jam, there is a digital mixer that mixes each individual's audio signal and then sends the entire group's audio output back to each individual. The mixer can run from any of the individual RealTime Audio devices or it can run from a third-party RealTime Audio owned server. Use this page to see your options and to view the recommended host for this mixer function. The results provided will be the mixer location that will give your group the lowest average latency metrics. Please note: If you are jamming with more than 8 players, we will always recommend that you use the RealTime Audio server as it is much more powerful and can hold up to 150 simultaneous users.

Auto Manage Host: ☒

\* Recommended Host

User Name	Avg Ping	Up Speed	Role	Action
Guest Star*	0 ms	36 Mbps	Host	Current Host
151.139.124.11 - [Seattle]	16 ms	1000 Mbps	User	<button>Make Host</button>

This screen will show you who the recommended host should be for your session. If you are unsure, you can select the checkbox next to “Auto Manage Host” and allow the system to pick the best participant to be the host. If you are self-hosting, you want to make sure that the participant who is hosting has the fastest upload and lowest ping speeds.

A small, dark square icon with a white musical note symbol inside, representing the 'Tools' section of the application.

## Tools

Click on the notes icon in the toolbar. Here you can find a chromatic tuner, metronomes (if you have a RealTime Audio-enabled device, you can use the “Low-Latency Metronome”), guitar chord and scale generators, an interactive piano keyboard, a drum machine and a whiteboard. You can share your uploaded files (audio and PDF).