

Understanding Twitch and Streaming on your mixer

Twitch: As you are using the term, Twitch is actually two opposite things. There is Twitch IN and there is Twitch OUT.

1. "In from Twitch": You are receiving music from the internet through the Twitch feed which is an **input** to your sound system mixer.
2. "Out to Twitch": You are sending the choice of the service sound system mics and/or the music you are receiving from Twitch, out to the internet (as a stream feed) through an **output** from your mixer.

It is critical that you understand the difference since where you go to adjust what you are sending to the Sanctuary and/or to the outbound Twitch is determined by understanding the path.

The path is this: The signal "In from Twitch" appears on your mixer on the main "MIX" layer using two channels. (I can't remember exactly which ones, maybe be 5 & 6). From there it goes to the Sanctuary speakers.

The "In from Twitch" signal also appears on the "Aux 1" layer on the mixer. From there the output from the "Aux 1" layer goes to the "Out to Twitch" path to the computer.

Understanding the "Aux" layer: At the top left of your control screen there are several buttons that indicate which layer you are looking at. Essentially, there are 5 layers on your mixer. When the corresponding layer is on the screen the button is lit:

1. Mix layer: This layer mixes the sound you hear in the room. It does NOT adjust the sound going "Out to Twitch."
2. Aux 1 layer: This layer mixes the sound going to "Out to Twitch." It does not affect the sound going to the Sanctuary speakers.
3. Aux 2 layer: Not used
4. Aux 3 layer: Not used
5. Aux 4 layer: Not used

The mix layer adjusts what you hear in the Sanctuary.

The Aux 1 layer adjusts what you are sending to the internet stream.

To select a layer you press the desired button (either Mix or Aux 1) at the top left of the screen.

1. When you select Mix, all of the faders (slide controls) apply to the levels of the sound in the Sanctuary.
2. When you select the Aux 1 button, the same faders adjust the levels going to the "Out to Twitch"

It is therefore critical that you check which layer you are on before making adjustments. If you are in the Mix layer and pull down the Twitch music channels those sounds in the Sanctuary will go away however, they will **not** go away from the "Out to Twitch" signal going to the computer if those same channels are up on the Aux layer. The Mix layer and the Aux layer are separate. What you adjust in one does not adjust what happens in the other. See exception immediately below:

Exception: When you are in the Mix layer and you select "Mute" on any channel it turns **off** that channel in **all** layers. Where the levels are on the faders on all layers is irrelevant with the Mute buttons pressed. So, when the service starts and you want to stop the "In from Twitch" music, you just go to those channels in the Mix layer and select the Mute button and the music will stop both in the Sanctuary AND on the "Out to Twitch" signal. If you go to the Aux 1 layer and slide the faders down it will kill the music to "Out to Twitch" no matter whether the Mute buttons are pressed or not. If that is done, unmuting the channels on the Mix layer will **not** reactivate the music to the "Out to Twitch" signal.

Procedure to follow if it isn't working right.

1. Make sure the Mix layer is selected and that there is signal showing on the two Twitch channels
2. Check to see if the faders are up and the mute button is NOT lit red. If those are true and the power amplifier is on you will hear the Sanctuary speakers.
3. Select the Aux 1 layer: The "In from Twitch" channel should also show signal. If the faders on those channels are up then the signal is going to the "Out to Twitch" channel and will be playing on the outbound stream feed.
4. If you are setting up for a live event in the Sanctuary and you do NOT want the "In from Twitch" music playing select the corresponding Mute buttons on the Mix layer ONLY. Do NOT go to the Aux 1 layer and make any adjustments,

To be sure that you are sending "In from Twitch" signal to "Out to Twitch" do the following:

1. Select the Mix layer at the top left of the screen.
2. Locate the "In from Twitch" channels, there are 2.
3. Make sure that you see the level indicator lights beside the relevant faders are pulsing. If there are not you have an issue with the computer feed.
4. Make sure that the "Mute" buttons are **not** pressed.
5. Select the Aux 1 layer at the top left.
6. Make sure that the faders for the "In from Twitch" are up and there is signal pulsing.
7. Make sure the Aux 1 master fader is up. If the signal is not on the stream there is an issue with the computer.

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