

Procedure – Sound Mixing for Live Stream

1. Pre-service preparation

- a. Listen to songs being played on Sunday on Planning Center to learn the mixing specifics of each song.
- b. Arrive at mixing station at least 15 minutes prior to service start time.
- c. Verify the following
 - i. Waves Tune Real Time plug in is set to key of first song
 - ii. Vocal Reverb level is set about -5dB lower for singers who are speaking compared to when they are singing.
 - iii. Delay level is all the way down
- d. Check service plan notes for the following:
 - i. Who's singing lead on which songs and what key(s) are the songs being played in.
 - ii. Instrumentation Notes (who is playing what instrument)
 - iii. If there are videos that will be utilized during the service, verify that "MacL" & "MacR" faders are set to about -5dB initially, then adjust as necessary.

2. In Service procedures

- a. Vocalists
 - i. Make sure that the lead vocalist is at a volume above the backing vocals.
 - ii. Make sure that the reverb level on the vocalists is not too loud or not too low.

- b. Apply “Are you hearing what you are seeing?” rule: Look at each person on the platform, one by one, and make sure you can hear them in the mix at an appropriate level. Repeat this throughout the song.
- c. Mix the music so that it sounds similar to the original recording: ensure that the vocals are not overpowering the music and visa-versa.
- d. Lower “Music” group fader slowly after post worship prayer to keep audio signal clean for people speaking on HH mic and ear worn mic (PT).
- e. Keep the “HH” mic and “PT” mic “live” during the initial worship set (keep the volume slider up and channel un-muted, unless noise is entering the signal path) **NOTE:** As soon Pastor finishes speaking after sermon, pull the “PT” mic fader all the ways down to avoid handling/ movement noise. Return the fader to its normal position after you are sure that the Pastor mic has been turned off.

3. Post Service procedure

- a. Fade Master down slowly after service ends.

Sound Mixing for Live Stream Cheat Sheet

1. Between Songs

- Lower delay level completely
- Lower reverb level about 5-6dB when people talk between songs
- Set key for autotune (Select Vocal group, click WTR plugin, change key, close WTR plugin window, De-select Vocal Group)
- Raise Reverb level back by 5-6dB
- Raise Delay level

2. Keep "Music" group level down during non-music portions of service. Do not turn back up until pastor finishes praying and begins to leave platform to keep band setup noises out of mix.