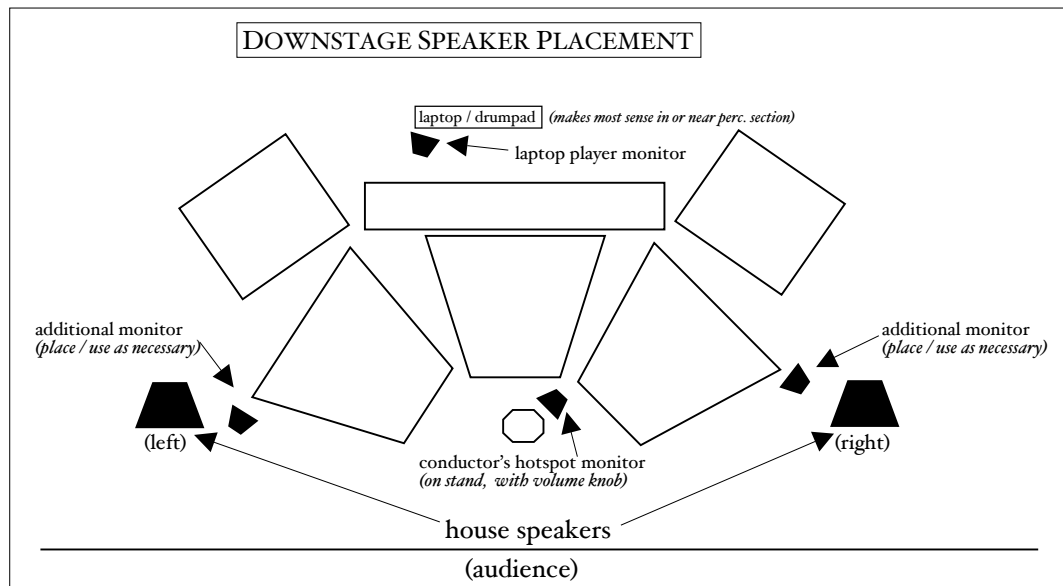
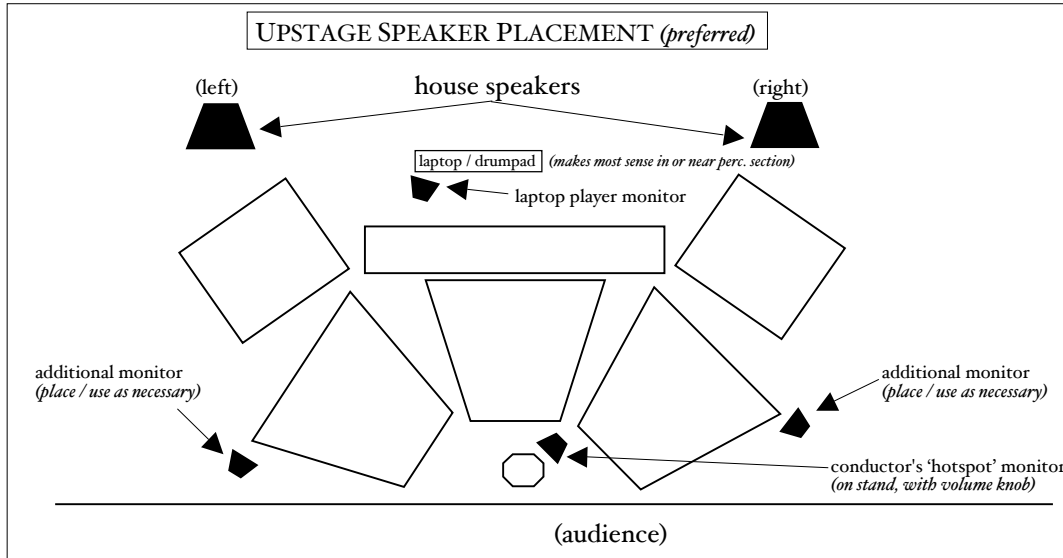


TECH SETUP REQUIREMENTS

- **2 high-quality stereo speakers** (large enough for decent bass response)
 - placed on left & right sides of stage, either upstage (preferred) or downstage
 - under no circumstances should these house speakers be 'flown' (suspended high above the stage)
- **a few small, onstage monitors** (to allow the orchestra to hear the electronics)
 - conductor's monitor should be on a small stand at podium level & should have a volume knob
 - additional monitors placed throughout orchestra (see below)
- **a laptop** (either Mac or PC), played by a percussionist or assistant conductor, who triggers sounds with the included electronic drumpad
 - no special knowledge or expertise is needed; the player simply hits the appropriate pad as marked over the electronic part in score
 - this allows the conductor to start at any 'electronic rehearsal number' when rehearsing



FOR THE SOUND GUY

- **It is important for the electronic part to be projected in stereo.**
 - Before the first rehearsal, check to make sure that the left and right speakers are correctly receiving the left and right channels. *Trust me, this is always a scramble! Be sure to check this!*
- If the speakers are placed upstage ('upstage placement' diagram), **be sure they are mounted high on stands.**
 - A high placement (on stands, not 'flown') projects the sound over the orchestra into the house.
 - This allows for fewer onstage monitors, since the house speakers act as monitors when behind the orchestra.
 - With this placement, you may need to boost higher frequencies so electronic part has enough 'presence' in the house.
- When it is not possible to place speakers behind orchestra, use the 'downstage placement' diagram.
 - Make sure the speakers are as close to the orchestra as possible (a tight placement gives a more integrated mix).
- **It is important for the conductor's monitor to be small, to be on a stand, & to have a volume knob.**
 - The conductor should never have to go through the sound guy to change his monitor level. It should be as simple as turning the volume knob on his or her hotspot monitor (on a stand to keep it in arm's length).
 - Regardless of the orchestral monitor placement, the conductor **always must have a small monitor on a stand with a volume knob. Trust me, the conductor will want a volume knob!**