Sound 106 — Takeaways

Class Takeaways · Planning for a Concert

Base Stage Plot

The stage plot drawing lives in the Claude doc version of these takeaways.

Drums center rear with kick and snare miked, bass and amp rear right, electric and miked amp rear left, keys and acoustic front left and right with vocal mics, and a center vocal mic. Left and right are as seen from the audience.

Input List — Base Band

Every mic and DI on the stage plot is one line on the input list.

Source	Position	Pickup
Kick	Center rear	Kick mic
Snare	Center rear	Snare mic
Bass	Rear right	[DI or amp mic — confirm]
Electric guitar	Rear left	Amp mic on stand
Keys	Front left	Mono — 1/4" straight into the board, no DI
Acoustic guitar	Front right	[DI or mic — confirm]
Vocal — keys	Front left	Mic on stand
Vocal — center	Front center	Mic on stand
Vocal — acoustic	Front right	Mic on stand

Equipment Checklist

- ☐ Mics — kick, snare, electric guitar amp, 3 vocals
- ☐ Boom mic stands — 2 (acoustic and keys need booms)
- ☐ Straight mic stand — 1 (center vocal)

- [ ] Kick and snare mic stands
- [ ] Mic stand for the electric guitar amp
- [ ] XLR to aux cable for tracks
- [ ] XLR cables
- [ ] 1/4" instrument cables
- [ ] 2 speakers
- [ ] 2 speaker stands
- [ ] 1 monitor
- [ ] Digital board (X32 Rack) — sits on stage
- [ ] Router (in the X32 box)
- [ ] iPads
- [ ] Generator box
- [ ] Power for the amps

The Concept · Find the Base Band

Advance every band before the day: lineup, input needs, set list and run of show, and one contact person.

Then find the band with the most inputs. They become the base — the stage plot and input list are built around them.

- Every other band is mapped onto the base setup: same channels, same mics, same positions wherever possible.
- Note only what each band adds or drops. Those notes become the changeover list.
- Fewer re-patches between sets = faster changeovers and fewer mistakes.

> **Note:** Plan around the smallest band and every extra input becomes a scramble mid-show.

The Process · Planning Checklist

1. **Advance the event.** Collect every band's lineup, input needs, set list and contact. Find the band with the most inputs — they become the base.
2. **Build the input list.** One master list from the base band, with a column for which channels each band uses.
3. **Draw the stage plot.** One plot, with small tags for each band's changes. Place mics and wedges to avoid feedback (Sound 107).
4. **Plan monitors.** How many mixes, wedges or in-ears, and who hears what.
5. **Set the schedule backwards.** Start from the concert start time and work back. Always leave time for prayer, soundcheck and setup.

6. **Plan backups.** Spare mics, cables, batteries. What happens if a wireless mic or in-ear pack drops.

Rules to Remember · Quick Reference

- Build the plot around the band with the most inputs
- Every mic and DI on the plot is one line on the input list
- Don't guess — ask the band contact before the day
- Note only what changes between bands
- Schedule backwards from the start time — always leave room for prayer, soundcheck and setup
- Say whether a plot uses audience view or stage left/right
- Line check before soundcheck

Sound 106 · Planning for a Concert · Keep this as a reference