Cameron Summers

Technical Rider · Jazz trumpet with Organum Engine · Solo, Trio, Quintet

Version 2 · November 2026
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Organum Engine is a listening system Cameron built. It runs on his laptop, listens to his trumpet, and adds harmony in real time; trumpet and harmony come out together as one signal.

Two Sound Modes CONFIRM 2 WEEKS BEFORE THE SHOW

LOCAL MODE (DEFAULT)

Sounds like an acoustic jazz group: each instrument comes from its own spot on stage. Cameron's trumpet and harmony play through his own speaker beside him, and the other players use their own amps. **No house PA, engineer, or wedges needed.** Best for galleries, clubs, and rooms up to about 250 seats.

HOUSE MODE

For larger halls, difficult acoustics, or when the venue prefers a house mix. Cameron's speaker stays on stage as his monitor, and he sends a line-level feed to FOH. The venue provides PA, an engineer, mics or DIs per the input lists, and wedges as shown on the plots.

CAMERON BRINGS

- Trumpet with a mouthpiece pickup (piezo)
- Laptop running Organum Engine
- Audio interface: Focusrite Scarlett 4i4 (4 balanced ¼" TRS line outputs)
- Powered speaker: Yamaha DXR10mkII
- All his cables, including ¼" cables from the interface to the DIs

PLAYERS BRING

- Their own instruments and amps. A pianist without an acoustic piano brings a keyboard, stand, and amp; a guitarist brings an amp.

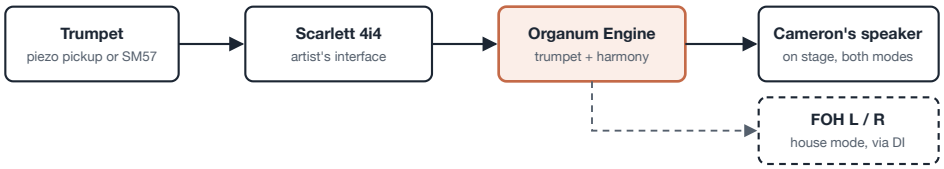
VENUE PROVIDES: BOTH MODES

- 2–3 power outlets, spread across the stage
- Small table for the laptop and interface
- Quintet with piano: tuned acoustic piano preferred, any size. If none, our pianist brings a keyboard.
- Speech mic for lecture-demos
- Parking and load-in access near the stage

HOUSE MODE ADDS

- PA (stereo preferred, mono works) and an engineer
- DI boxes: 2 solo, 3 trio, 5 quintet (+2 for optional spatial outputs 3–4)
- XLR cables and a snake or stage box, if the room has one
- Mics per the input lists; wedges as shown

Signal Flow



SCHEDULE

Setup and soundcheck: local mode 60 minutes; house mode 90 preferred, 60 minimum. Personnel confirmed at contract.

IF AVAILABLE

Water and a towel per player · a private space to warm up · for trio and quintet, one helper for load-in and load-out.

OPTIONAL: SPATIAL SOUND

House mode: outputs 3–4 can feed a rear speaker pair. Not required.

BACKUP PLAN

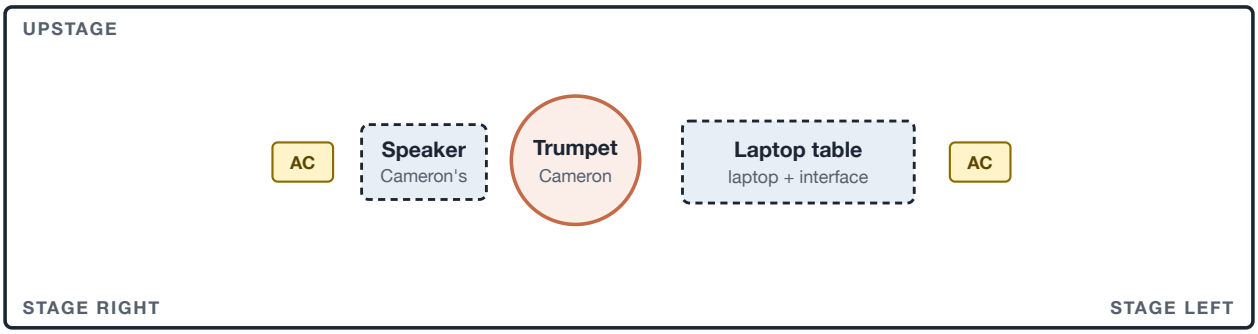
If Organum Engine can't run for any reason, Cameron can perform a complete acoustic set.

Every room is different. Tell us what you have, and we'll shape the setup to fit.

Stage Plots and Input Lists

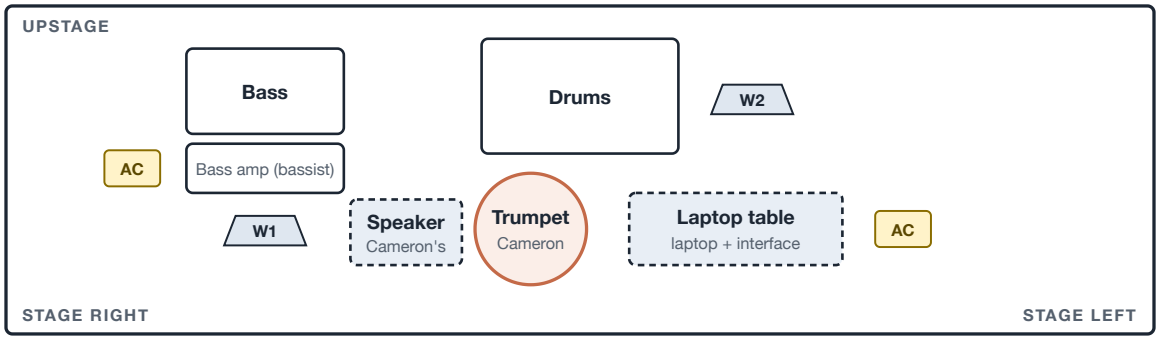
Audience at the bottom; stage left/right from the performer's view. Input lists and wedges apply to house mode only.

Solo TRUMPET + ORGANUM ENGINE



CH	SOURCE	CONNECTION	SUPPLIED BY
1	Organum Engine L (trumpet + harmony)	Interface out 1, ¼" TRS → DI	Artist (DI: venue)
2	Organum Engine R (trumpet + harmony)	Interface out 2, ¼" TRS → DI	Artist (DI: venue)
3	Speech mic (lecture-demo only)	SM58 or wireless handheld	Venue
opt.	*Spatial outputs (optional)*	*Interface outs 3–4 → DI → rear L/R speakers*	*Artist (DI: venue)*

Trio TRUMPET · BASS · DRUMS

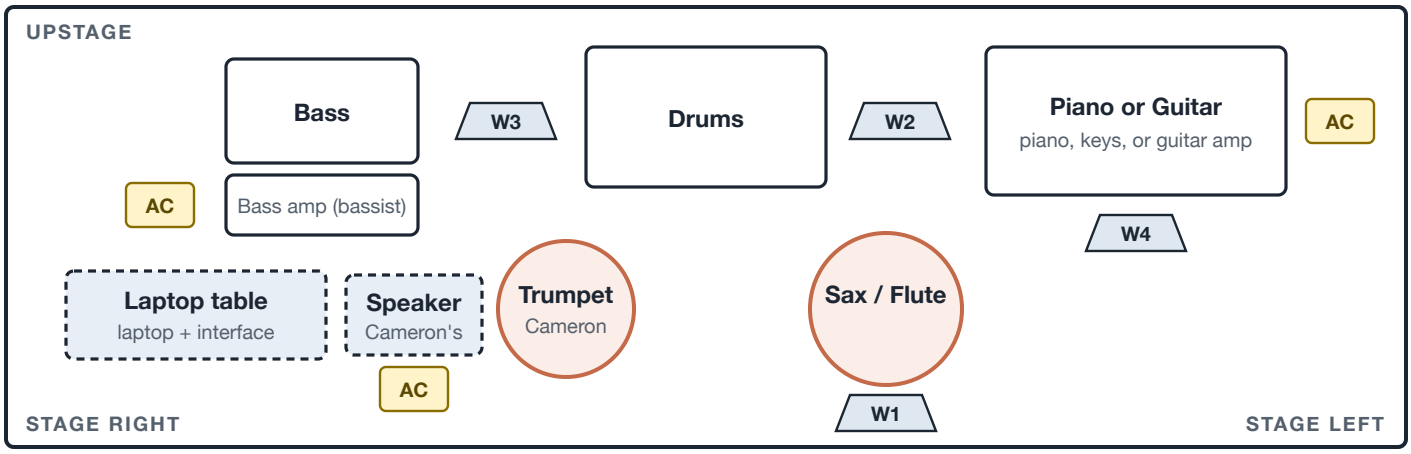


CH	SOURCE	CONNECTION	SUPPLIED BY
1–2	Organum Engine L / R (trumpet + harmony)	Interface outs 1–2 → DI	Artist (DI: venue)
3	Bass	DI or amp mic	Venue (amp: bassist)
4–7	Drums	Kick, snare, 2 overheads, as the room needs	Venue
8	Speech mic (lecture-demo only)	SM58 or wireless handheld	Venue

W = wedge (house mode) · AC = power outlet · Dashed box = artist's gear

Quintet

Trumpet · Saxophone or flute · Piano or guitar · Bass · Drums. *Hymnus* (2025) was performed with flute and guitar.



CH	SOURCE	CONNECTION	SUPPLIED BY
1–2	Organum Engine L / R (trumpet + harmony)	Interface outs 1–2 → DI	Artist (DI: venue)
3	Saxophone / flute	Instrument mic on boom stand	Venue
4–5	Piano, keyboard, or guitar	Piano: 2 mics · Keyboard: stereo DI · Guitar: amp mic	Venue (keyboard or amp: player)
6	Bass	DI or amp mic	Venue (amp: bassist)
7–10	Drums	Kick, snare, 2 overheads, as the room needs	Venue
11	Speech mic (lecture-demo only)	SM58 or wireless handheld	Venue

LECTURE-DEMOS AND RESIDENCIES

Host, faculty, or student musicians use the trio or quintet plot. Cameron advances the lineup with the presenter ahead of time.

CONTACT

contact@cameronsummers.com
Press kit, videos, photos:
cameronsummers.com/music/epk

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