Pretty Lights After Party, Fluid510: cabling plan

2026-11-20. Matches placement v10 and v11 (the spacers don't change any run). Stacks: south = left, north = right, as the crowd sees them facing the stage (west). Placement: v10, v11.

ASSUMED: the house rack (DP448 + amps) is in the tech booth (north-west corner) and stays there. Lengths are path + 2 m for drops and slack + 15%, rounded up to stock lengths. Measure at load-in.

TL;DR: what to bring

- **Speaker cable NL4:** 3x 5 m (north stack) + 3x 10 m (south stack) + 2x 2 m IB jumpers + 2 spare 10 m.
- **XLR:** 4x 10 m (DJM to WING x2, S32 to booth monitors x2) + short patches in the rack.
- **Cat5e:** 1 short AES50 patch (WING to S32), 3 short for Pro DJ Link.
- Route: out of the booth's south side, along the stage front edge behind the stacks (taped), into the back of each box.

Amps to speakers (house patch)

Run	From	To	Cable	Take
IB pair S (L)	E90 "INFRA BASS" CH A (DP448 out 1)	bottom IB218, south stack; 2 m NL4 jumper to the IB above	NL4	10 m
IB pair N (R)	E90 "INFRA BASS" CH B (needs an input, see check 1)	bottom IB218, north stack; 2 m NL4 jumper to the IB above	NL4	5 m
F315 S (L)	E45 F315 CH A (out 2)	F315, south stack	NL4	10 m
F315 N (R)	E45 F315 CH B (out 6)	F315, north stack	NL4	5 m
DS210 S (L)	E25 "MID 210" CH A (out 3) + E25 "HI 210" CH A (out 4)	DS210, south stack: one NL4, mid on 1+/1-, HF on 2+/2-	NL4	10 m
DS210 N (R)	E25 "MID 210" CH B (out 7) + E25 "HI 210" CH B (out 8)	DS210, north stack: one NL4, mid on 1+/1-, HF on 2+/2-	NL4	5 m

Each IB pair is about 2 ohm on one amp channel. F315s are never paralleled. Lower DP448 out number assumed on CH A: read the cable tags.

Signal chain (DJ to rack)

CDJ-3000 x2 → DJM-A9 → WING Rack (mixer) → XTA DP448 (crossover) → amp rack → speakers. WING → AES50 → S32 → booth monitors.

Connection	Cable	Length	Note
CDJ-3000 x2 -> DJM-A9 CH 1/2	coax (digital)	short	on the DJ table
CDJs + DJM -> LAN switch	Cat5e x3	short	Pro DJ Link, data only
DJM-A9 Master 1 L/R -> WING Rack ch 1/2	XLR x2	10 m	DJ table to tech booth
WING OUT 1/2 (Main L/R) -> DP448 In A/B	XLR x2	short patch	in the booth / rack
WING AES50 -> S32 stage box	shielded Cat5e	1-3 m patch	both in the booth
S32 OUT 1/2 -> QSC K12.2 booth monitors L/R	XLR x2	10 m	monitors on the DJ table ends

Checks at load-in

- **1. Both sub stacks need a signal.** In the house patch E90 CH B has no input, so only one stack's IB218s would play. Give E90 CH B a sub signal: patch DP448 out 5 (= out 1 settings) or link E90 A → B (not decided yet), then check both stacks play bass.
- 2. Rack position: if the rack is not in the tech booth, the lengths change.
- 3. DS210: one NL4 carries mid and HF from two amps (house combiner loom): confirm the loom pins (mid 1+/1-, HF 2+/2-).