

LIVE ELECTRONIC - HYBRID SET

PARENTAL
ADVISORY
EXPLICIT CONTENT

CNC
SUPERVISOR

CNC SUPERVISOR

TECHNICAL RIDER

Hybrid Live Electronic Performance

CONTACT

OLEKSANDR

+447867279816

flintlsd25@gmail.com

This Technical Rider defines the minimum technical requirements for a CNC Supervisor performance. All items must be confirmed with the artist's technical contact no later than four (4) days prior to the event.

1. ARTIST & PERFORMANCE TYPE

CNC Supervisor performs a Hybrid Live Electronic Set combining DJ performance, live beat production, loop-based live performance, and rap vocals.

ARTIST-OWNED EQUIPMENT (BACKLINE)

- MacBook Pro with Ableton Live
- Audio Interface: Native Instruments Traktor Audio 2
- Loop Station: BOSS RC-505 mkII (*center of the live setup — all sources are mixed here*)
- Groovebox: Elektron Model:Samples
- Controllers: Novation Launchpad, Korg nanoKONTROL2
- Microphone: Shure KSM9 (condenser, artist-owned, requires +48V phantom power)
- All USB cables, power adapters, powered USB hub, and stands are provided by the artist.

2. PA SYSTEM

The venue shall provide a professional, full-range sound reinforcement system appropriate for the venue size and audience capacity.

REQUIREMENTS

- Full-range PA system with subwoofers
- Even audience coverage with no dead zones
- System shall be tuned, aligned, and tested by a system engineer prior to soundcheck
- FOH position must be in the main listening area, not off-axis or in a separate room
- Preferred systems: d&b audiotechnik, L-Acoustics, JBL VRX/SRX series or equivalent professional class

POWER REQUIREMENTS BY VENUE SIZE

- Up to 300 seats: minimum 5 kW RMS
- Up to 900 seats: minimum 15 kW RMS
- Open-air venues: minimum 40 kW RMS

Preferred monitor systems: JBL VRX915M, EV ZLX15P or ELX115P.

3. FOH MIXING CONSOLE

An analog or digital FOH console with a minimum of 2 free stereo channels (or 4 mono channels) is required.

Preferred consoles: Soundcraft Si Expression 2, Midas M32, Yamaha CL/QL series or equivalent.

The FOH console must be positioned within the direct listening zone of the PA system.

4. INPUT LIST

CH	Source	Type	Connector	Notes
1	RC-505 mkII — Left	Stereo line	Jack/XLR via DI	Main mix output — all sources (Ableton + Elektron + vocal) summed in RC-505
2	RC-505 mkII — Right	Stereo line	Jack/XLR via DI	Main mix output — Right channel
3	Spare / Monitor feed	—	TRS	Reserved — confirm with engineer

4	Spare	—	—	Reserved
---	-------	---	---	----------

INTERNAL SIGNAL ROUTING (WITHIN ARTIST’S RIG — FOR ENGINEER’S REFERENCE)

Source	Connected to	Via	Notes
Shure KSM9	RC-505 mkII INPUT 1	XLR	+48V phantom power ON at RC-505 mkII
Elektron Model:Samples	RC-505 mkII INPUT 2	TRS jack	Mono/stereo line level
MacBook / Ableton Live (via Traktor Audio 2)	RC-505 mkII AUX IN	Stereo RCA	Stereo line level
RC-505 mkII MAIN OUT L/R	FOH Console	2x DI box	Final stereo mix sent to FOH

The BOSS RC-505 mkII acts as the artist’s on-stage mixer. All audio sources are combined inside the RC-505 mkII before being sent to the venue’s FOH console as a single stereo pair (CH 1-2). The artist controls individual source levels via RC-505 mkII input gain controls and loop track faders.

5. DI BOXES & SIGNAL CHAIN

The venue shall provide:

- 2 high-quality passive DI boxes with Ground Lift switches (e.g. Radial ProDI, BSS AR-133, or equivalent) for the RC-505 mkII stereo output
- All necessary stage cables from DI boxes to stage multicore/FOH

COMPLETE SIGNAL CHAIN

```
Novation Launchpad + Korg nanoKONTROL2 (USB) → MacBook / Ableton Live (BPM Master)

MacBook / Ableton Live:
  MIDI Clock (USB) → RC-505 mkII (sync: loop quantization to Ableton tempo)
  MIDI Clock (USB) → Elektron Model:Samples (sync: patterns locked to Ableton BPM)
  Audio OUT via Traktor Audio 2 → RC-505 mkII AUX IN (stereo)

Elektron Model:Samples:
  Audio OUT → RC-505 mkII INPUT 2 (line)

Shure KSM9 (XLR) → RC-505 mkII INPUT 1 (+48V phantom power)

RC-505 mkII MAIN OUT L/R → 2x DI-box → FOH Console CH 1-2
```

MIDI SYNCHRONISATION

Ableton Live acts as the MIDI Clock Master and sends sync to all connected devices via USB. RC-505 mkII receives External MIDI Clock so loop recording and playback are quantised to Ableton’s tempo. Elektron Model:Samples receives MIDI Clock so all patterns run in perfect sync with Ableton’s BPM. When Play is pressed in Ableton, all devices start simultaneously and remain locked to the same tempo throughout the performance.

6. PROCESSING

Recommended signal processing at FOH:

- Vocal channel (CH 1): Compressor/limiter (e.g. DBX 160A or equivalent) in insert; high-pass filter at 80–100 Hz; de-esser recommended
- Master output: 1/3-octave graphic EQ on L/R bus for room tuning (e.g. DBX 2231 or equivalent)
- Reverb/Delay: FX processor for vocal reverb send (Lexicon, TC Electronic or equivalent)

7. MONITOR SYSTEM

REQUIRED

- 2 active stage monitors (stereo pair) positioned in front of the artist's table
- Minimum 1 independent monitor AUX mix
- The vocal microphone (Shure KSM9) must NOT feedback into the monitors — careful gain structure and HPF required
- Side-fills are welcome on larger stages but not mandatory

Preferred monitors: JBL VRX915M, EV ZLX15P, ELX115P.

MONITOR MIX CONTENT (AUX 1)

The artist's monitor should contain the full performance mix with priority on loops, drums, and vocal clarity.

8. ARTIST STAGE SETUP

THE VENUE SHALL PROVIDE

- Sturdy, stable table — minimum 160 × 80 cm, height 90 cm (standing work position)
- 1 bar stool or chair without armrests (optional, artist preference on-site)
- 1 microphone stand — boom/gooseneck type
- Soft, even working light at the artist's table — NOT directed into MacBook screen
- Dry, flat, non-slip stage surface

TABLE LAYOUT (LEFT TO RIGHT, ARTIST'S PERSPECTIVE)

[MacBook] | [RC-505 mkII] | [Elektron] | [Launchpad + nanoKONTROL2]
Traktor Audio 2 (below / behind)

9. POWER SUPPLY

The venue is fully responsible for stable, noise-free power.

REQUIREMENTS

- Minimum 8 grounded (earthed) power outlets 220–240V at the artist's stage position
- All outlets must be grounded — ungrounded supplies will cause audible hum
- Stage power must be free from interference, clicks, and noise
- Audio power circuits should be separated from high-power lighting and dimmers where possible
- 2 additional outlets near the FOH console for the engineer's equipment

10. SOUNDCHECK

- Minimum soundcheck time: 60 minutes (connection, level check, MIDI sync verification, monitor balance, feedback elimination)
- All PA, FOH console, monitors, DI boxes, stage cables, and power must be fully installed and tested before the artist arrives for soundcheck
- A qualified FOH engineer must be present throughout soundcheck and the performance
- A system engineer must be available for PA alignment and troubleshooting
- Exact soundcheck time must be confirmed no later than 4 days prior to the event

11. LIGHTING

MINIMUM REQUIREMENTS

- 2 professional follow spots (lighting guns)
- Heavy fog/haze machine

- Sufficient stage fill: PAR cans, strobes, moving heads, blinders (quantity appropriate for stage size)
- Lighting operator required during soundcheck and performance
- Strobes and effects: only with artist/venue coordination
- No direct bright lighting aimed at the MacBook screen

12. GENERAL CONDITIONS

- The venue's technical representative (equipment provider) must contact the artist's technical manager no later than 4 days before the event to confirm all requirements.
- The stage surface must be dry and non-slip at all times.
- All equipment must be fully installed, connected, and system-checked before soundcheck begins.
- A qualified system engineer must be present at the FOH position.

FOR OPEN-AIR EVENTS

- Full weather protection (canopy/tent) over stage, artist's table, FOH position, and all electrical connections
- Dressing room area minimum 3×3 m, height 2.5 m, with mirror, coat rack, 4 chairs, table
- Climate control: heated below 16°C, ventilated above 20°C
- Secure, weatherproof access to all power connections

13. CONTACTS

ARTIST	CNC Supervisor
CONTACT PERSON	Oleksandr
PHONE	+44 786 72 79 816
E-MAIL	flintlsd25@gmail.com

All technical questions must be directed to the contact above no later than 4 days prior to the event.



End of Technical Rider · CNC Supervisor · All rights reserved