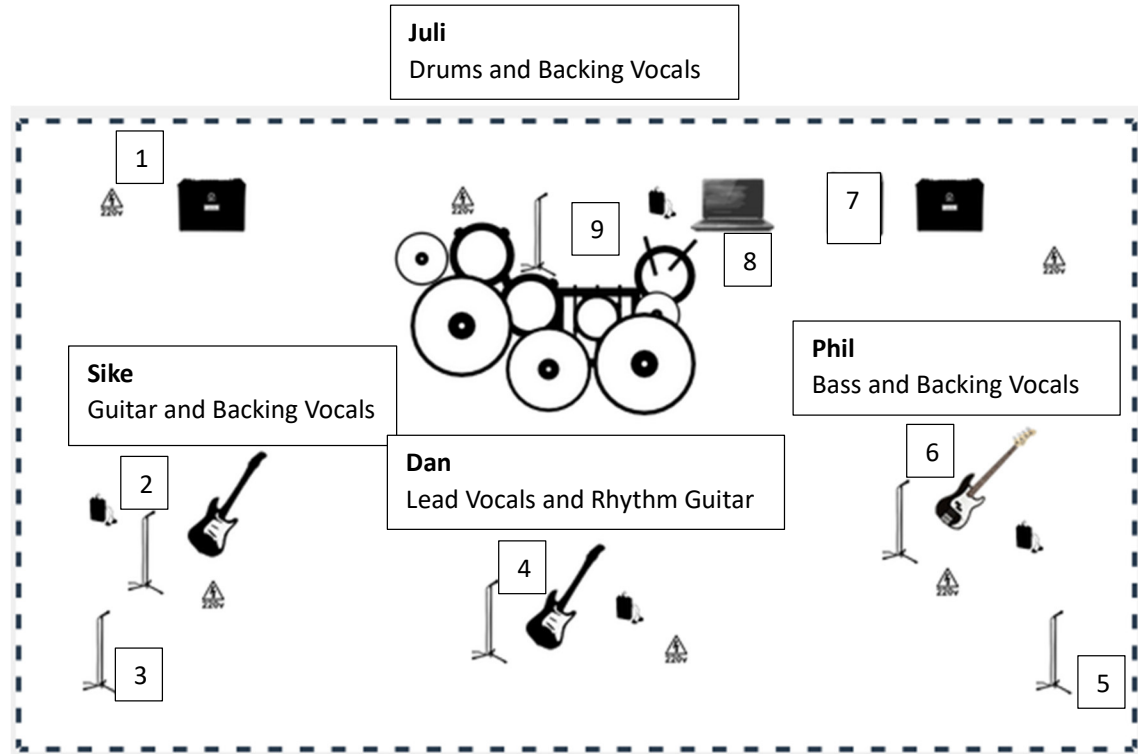


# TECH RIDER – LAST CHANCE TO SAY GOODBYE

Version: Monitoring and Micing by the Band

## Stage Setup



## Stage Setup Explanation

Pos.	User	Description	Details	Requirements on Stage
1	Sike	Guitar amp	Marshall JVM 410H with Two Notes Torpedo Live Load Box	230V electricity
2	Sike	Playing position Lead guitar	Vocal Mic FX Board	Regular SM58 or similar 230V electricity
3	all	Ambience mic	Vocal Mic	Regular SM58 or similar
4	Dan	Playing position Vocals, Guitar	Vocal Mic Line6 Helix DI	Regular SM58 or similar 230V electricity
5	all	Ambience mic	Vocal Mic	Regular SM58 or similar
6	Phil	Playing position Bass	Vocal Mic FX Board	Regular SM58 or similar 230V electricity
7	Phil	In-Ear and Bass cab	Signal Splitter to FOH and In-Ear- Monitoring Mixer and Bass Preamp	16 Channel to FOH 230V electricity
8	Juli	Notebook	Backing Track and Click Source	16 Channel to FOH 230V electricity
9	Juli	Playing position Drums	Bassdrum, Snare, Hihat, 1 tom, 2 floor toms, 3 crash, 1 ride, 1 splash cymbal Interface for Backing Tracks	230V electricity

# FOH Channel

Nr	User	Type	Description / Mic Type	Signal Type
1	Dan	Lead Vocals	SM58 or similar	Mic Signal
2	Sike	Backing Vocals	SM58 or similar	Mic Signal
3	Phil	Backing Vocals	SM58 or similar	Mic Signal
4	Juli	Backing Vocals	SM58 or similar	Mic Signal
5	Dan	Rhythm Guitar	Line6 Helix DI	Pre-processed DI Signal
6	Sike	Lead Guitar	Marshall JVM 410H with Two Notes Torpedo Live Load Box	Pre-processed DI Signal
7	Phil	Bass	Sansamp DI	Pre-processed DI Signal
8	All	Backing Track	DI Signal	Mono Line signal
9	Juli	Kick	Audix D6	Mic Signal
10	Juli	Snare Top	Audix i-5	Mic Signal
11	Juli	Snare Bottom	Sennheiser e906	Mic Signal
12	Juli	Tom	Audix D2	Mic Signal
13	Juli	Floor Tom 1	Audix D2	Mic Signal
14	Juli	Floor Tom 2	Audix D4	Mic Signal (optional)
15	Juli	Cymbals	Audix ADX51	Mic Signal
16	Juli	Cymbals	Audix ADX51	Mic Signal
17	all	Click Track	DI Signal	Di Signal (In ear Monitor only)
18	all	Talkback	Any type of Mic or Line from FOH	Mic Signal (In ear Monitor only)
19	all	Ambience right	Rode NT5	Mic Signal (In ear Monitor only)
20	all	Ambience Left	Rode NT5	Mic Signal (In ear Monitor only)

## Remarks

- No phantom power by FOH is required.
- Pre-processed signals nb 5 to 7 are not using mics (Guitars and Bass).
- Channels 17 to 20 for in ear monitoring only
- Tom 2 is optional and depending on the set list or space.

## Mixing Instruction for FOH Mix

### Lead Vocals Dan

- Reverb and main presence

### Backing Vocals: Phil, Sike and Juli

- Little bit of reverb and behind lead vocals but sufficient place
- Backing Vocals of Juli may contain bleeds from drumming and require a gate.

### Lead Guitar: Sike

- No specific requirements

### Rhythm Guitar: Dan

- No specific requirements

### Bass: Phil

- No specific requirements

### Drums Juli

- No specific requirements
- Drum is always completely microphoned mainly for in ear use.

### Backing Tracks

- Mono Signal to be well fitted in the overall mix.

## PA

The PA needs sufficient power to let the band perform proper punk rock and rock 'n' roll. As the band has no amps on stage, the source of sound is based on the PA system. The PA system must be capable to transmit the full frequency range of the audio. As the band is using backing tracks, a proper low - end performance is also required.

Usually there are two good 18" bass speakers per side and one 12"/1.5" or 15"/1.5" on top. As there is no noise on the stage besides the drum, the mid and high frequency speakers can be on the left and right corner of the stage, to ensure a well-balanced sound for the audience in the front.

We believe that more power and boxes is always better!

The PA must be adjusted accordingly to the size of the event and the number of spectators.

**The band does not accept self-built PA Systems or no name brands.**

The PA should be set up and calibrated when the musicians arrive.

As the band is performing partly to a click track and are using in-ear monitoring, no monitor boxes on stage are required.

## Technical Specs for PA

Two Way System (2-way) with a minimal power of 1000W per 100 persons.

Nearfills are required for stage width of more than 6 meters.

Audio transmission at 105 dB(A) at FOH distortion free

FOH: Minimal 16 Channels

Digital devices preferred (Allen & Heath, DiGiCo, Soundcraft, Yamaha)

## Mixing Instruction for In Ear Monitoring

In Ear Monitor Mix is controlled by the band itself or by the band's dedicated monitor sound engineer

## Wireless Frequencies used by the Band

WLAN router for in Ear Monitoring on 5 GHz

1x guitar wireless signal transceiver on 2,4 GHz (Line 6 Relay G55)

1x Bass Wireless signal receiver on 558 - 626 MHz (Sennheiser EM G500 G4 GW-Band)

2x In Ear wireless signal transceiver on 516 – 558 MHz (Sennheiser IEM G3/G4 A-Band)

1x In Ear wireless signal transceiver on 823 – 865MHz (Sennheiser IEM G3 E-Band)

## Specific Technical Information

All string instruments are DI Channel and fully quiet on stage. Only noise source is the drum kit.

The band is bringing all mics and mic holder. Please keep backup microphones and stands available.

Required quantity and types of Microphone-Stands (in Total 11/optional 14):

- 4 Vocal Microphone Stands for Vocals
- 4 large Overhead Microphone Stands
- 1 Kick Microphone Stand
- 2 Medium size Microphone Stand (Snare Top and Bottom)
- Microphone clips for Toms are provided by the band optional with mic stands (3 stands).

## Cables and Wiring

All microphone cables shall be provided by the venue. **18 XLR (balanced) microphone cables are required (5m to 10m)**. The cables for backing track and click is provided by the band.

The band provides a 16-channel multicore cable (20m) to connect the in-ear system with the FOH stage box.

## Back up Monitoring Failure

All Signals are split by transformer the in-ear system and is isolated from the FOH.

Phantom power is provided by the in-ear system. The signal available for FOH is post transformer and does not let phantom power through.

**Failure of the built-in monitoring mixer:** The on-stage monitoring system offers to use a signal from FOH mixing desk. A mono or stereo monitoring mix can be connected from FOH to the on-stage monitoring system.

**Failure of the IEM:** In cases of a drop out of in-ear monitoring, a stereo headphone amp is included in the on-stage monitoring system.

**Failure of the complete System:** In case of a complete failure of the on-stage monitoring system, each channel can be routed through the system with out processing and send to a monitor box.

## Other Information

Please have a towel per band member available for use on stage during the show.

Please have vegan food or snacks for one band member available. The other three band members have no specific requirements.

## Legal Basis

The technical rider is part of the performance contract, and we rely on the agreements contained therein.

## Contact

Main technical contact is Phil or a dedicated sound engineer by the band.

If you have any questions, feel free to contact us by email:

+41792492098

For further information, please visit:

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