TECH RIDER
(14-PIECE BAND SETUP)



IMPORTANT

- Please review this entire technical rider carefully, including stage plot, input list, output list, and I/O requirements.
- All systems must be fully tested, noise-free, and operational at least 3 hours prior to soundcheck.
- All equipment must be professional-grade, fully functional, and free from audible noise, distortion, or intermittent faults.
- The complete setup is exclusive to MASTAANE.
- No sharing of audio equipment with other artists or acts is permitted.

FOH (Front of House) System

Approved Line Array Systems (Minimum Specification)

- L-Acoustics L1 / L1D / L2 / L2D / K1 / K2
- d&b audiotechnik GSL / KSL / XSL
- JBL Professional VTX A12

Equivalent large-format touring-grade line array systems may be accepted subject to prior technical approval.

Budget, entry-level, or improperly deployed PA systems are not acceptable for this production.

System Requirements

The FOH PA system must be a professionally deployed touring-grade line array capable of delivering clear, even, high-resolution coverage across the entire audience area, including front-fill, mid-field, and rear audience zones.

The system must provide:

- Consistent tonal balance throughout the venue
- Controlled horizontal and vertical directivity
- High vocal intelligibility and musical clarity
- Clean transient response
- Adequate low-frequency headroom
- No audible distortion or excessive system limiting at performance levels

The system must be properly tuned, time-aligned, and optimized for the venue using manufacturer-approved DSP and processing.

Subwoofer deployment must be appropriate to venue size and audience capacity. Cardioid or end-fire subwoofer configurations are preferred wherever applicable to improve low-frequency control and reduce excessive stage spill.

Front fills, out fills, and delay systems must be deployed where required by venue geometry and audience coverage requirements.

A qualified System Engineer must be present

Front of House (FOH) Console

Equipment	Requirement
FOH Console	Allen & Heath dLive S7000/SD10/Digico 338
MixRack	Allen & Heath DM64
Recording / Networking	Dante / Waves / Multitrack capability preferred

Alternative professional touring-grade digital consoles may be accepted only after prior technical consultation and approval with the production team.

Required System Components

- Console and MixRack must be fully functional and updated to the latest stable firmware/software version.
- All digital networking, clocking, and stage connectivity must be tested and stable prior to soundcheck.
- Clean and isolated power supply with proper grounding must be available for all FOH and audio systems.
- Adequate ventilation and operating space must be ensured at FOH.
- A dedicated FOH operator position with sufficient space for: laptop, playback system, communication devices
- FOH position must be centrally located within primary audience coverage and not under balconies, delay zones, or enclosed control booths.

Stage Monitoring

S.No.	Description	Quantity
1.	Professional Stage Wedges: L-Acoustics X15 HiQ / X12, d&b audiotechnik M4 / M6, JBL Professional VTX M22 / M20, or equivalent premium stage monitors preferably aligned with the deployed FOH system.	6
2	Stereo Wireless IEM Systems: Sennheiser Spectera / 2000 IEM Series	16 Stereo Mixes
3	Sidefill equivalent to other	2 Single Subs 3+3 Line arrays

Monitoring System Requirements

- All wireless IEM systems must include: professional antenna combiners, directional RF antennas, proper RF coordination
- All stage monitor wedges must be of the same make and model for tonal consistency.
- Proper monitor placement, calibration, gain structure, and feedback management must be ensured across the stage.
- Monitoring systems must be free from: RF interference, grounding noise, audible distortion, excessive limiting
- All IEM systems and wedges must be tested and operational prior to soundcheck.

Monitor Console & Integration

- Monitor control may be operated via: dedicated monitor console or integrated FOH workflow via dLive ecosystem
- Console system must support: stereo IEM routing, talkback communication, scene/snapshot recall, multitrack recording workflow
- A qualified Monitor Engineer / System Technician should be available during: setup, line check, soundcheck, performance operation

Artist-Carried Instruments

The following instruments are carried by the artists and are NOT required from the organizer/vendor:

- Electric Guitar
- Bass Guitar
- Keyboard
- Bamboo Flute
- Tabla
- Dholak
- Dhol
- Acoustic Guitar
- Sarangi

Vocal Microphones

Position	Requirement
Lead Vocal – Deep Thakur	Shure Axient Digital AD4D
Backing Vocal 1	Shure SM58
Backing Vocal 2	Shure SM58
Backing Vocal 3	Shure SM58
Backing Vocal 4	Shure SM58
Flute	Shure SM58

Guitar Backline

Position	Requirement
Electric Guitar Amplifier	Marshall JCM800 2203 / Marshall DSL100H or equivalent professional tube amplifier
Guitar Cabinet	Marshall 1960A 4×12 Cabinet

Bass Backline

Position	Requirement
Bass Amplifier Head	Markbass Little Mark Tube 800 / Ampeg SVT Series
Bass Cabinet	Markbass Standard 108HR / equivalent professional bass cabinet

Keyboard Monitoring

Position	Requirement
Keyboard Amplifier	Roland KC-990 or equivalent professional keyboard monitoring system

Indian Percussion & Acoustic Support

Position	Requirement
Tabla	1 Shure SM 58 with Small boom Stand 1 Shure SM 57 with Small boom Stand
Dholak	1 Shure SM 58 with Small boom Stand 1 Shure SM 57 with Small boom Stand
Dhol	1 Shure SM 58 with Long boom Stand 1 Shure SM 57 with Long boom Stand

More Instruments

Position	Requirement
Acoustic Guitar	1 jack to Jack + Di Box
Sarangi	Shure SM58

Talkback Mics

Position	Requirement
Talkback Microphones	2 × Shure SM58 with Switch

Drum Specifications

Preferred Drum Kits

- Pearl Masters Series
- TAMA Starclassic (Maple/Birch)
- Mapex Saturn / Armory
- Yamaha Recording Custom (Preferred Addition)

Equivalent professional touring-grade kits may be accepted upon prior approval.

Cymbals

Preferred:

- Zildjian K Series, Zildjian A Custom Series, Meinl Byzance Series, Sabian HHX Series

Required Setup:

- 14” Hi-Hats, 16” Crash, 18” Crash, 20” Ride, Splash, China

Drum Specifications

- Professional Drum Throne
- TAMA / Pearl Single Bass Drum Pedal
- Fully carpeted drum riser (minimum 8’ × 4’)
- Clear acrylic drum shield (5–6 ft)
- Complete professional drum mic kit (Shure / Sennheiser preferred)

Stage Accessories & Technical Utilities

Requirement	Quantity
Heavy-duty boom mic stands for all microphones	As Required
Guitar stands	3
Heavy Duty Keyboard stand	1
Stage power distribution / grounded extension	4

Stage Risers

Riser	Specification
Vocal Riser	6 ft × 4 ft × 2 ft
Percussion Riser	8 ft × 4 ft × 2 ft
Drum Riser (Preferred)	8 ft × 8 ft × 1 ft

All risers must be:

- structurally stable
- black skirted
- fully carpeted
- vibration-free
- performance-ready

Important Technical Notes

1. Setup & Soundcheck:
A minimum of 3 hours must be allocated for: system setup, stage preparation, line check, patch verification, RF coordination, soundcheck

2.System Performance:
The sound system must provide consistent concert-level SPL with sufficient headroom while maintaining: vocal intelligibility, musical clarity, low distortion, listener comfort throughout the venue

3.FOH Positioning:
FOH control position must be: centrally located within the primary audience coverage area, on-axis with the main PA system, clear from balconies, delay zones, enclosed booths, or acoustic obstructions

4.Recording & Playback:

- Multitrack recording capability via: Dante, Waves, USB, direct console outputs

5.RF & Wireless Coordination:
All wireless systems including: vocal microphones, IEM systems, talkback systems

5.RF & Wireless Coordination:
The audio, monitoring, RF, and backline systems allocated for MASTAANE must remain dedicated exclusively to the production during performance and soundcheck schedules unless otherwise approved by the production team.

Any clarification call

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