

TRBSE Sound Specification



Desks

- 1 x Yamaha QL5:
 - 32 XLR inputs, 16 XLR outputs, 32 + 2 faders, 16 mix busses, 8 matrices, 8 internal effects racks, 8 internal GEQ racks
 - Normally located in our sound mix position in the auditorium Gallery, on house right. We also have an iPad with QL StageMix app, allowing remote control of the desk.
- 1 x Soundcraft Spirit Folio FX8:
 - 8 mono inputs (XLR or ¼" Jack) + 4 stereo inputs (2 pairs of ¼" Jack, 2 pairs of phonos), Stereo output (¼" Jack) + 2 Aux outputs (1 pre fade, one pre or post fade - ¼" Jack)
 - Normally located DSR, near DSMs desk
- 1 x Spirit Powerpad:
 - 4 mono inputs (XLR or ¼" Jack) + 2 stereo inputs (phono), Stereo output (¼" Jack) + 1 Post-fade Aux outputs (¼" Jack) + Amplified outputs (2 x ¼" Jack – 30W + 30W RMS / 4 ohms)
 - Useful for small performances and rehearsed readings not taking place in the auditorium

Amps

- 2 x Lab Gruppen IPD 2400
- 3 x Lab Gruppen IPD 1200
- 3 x Yamaha P5000s
- 1 x Yamaha P1600

Front of House Speakers

The Front of House speakers are powered by the Lap Gruppen amps, with delays and EQ performed internally by the amps on a stereo signal from the sound desk.

- 2 x EM Acoustics EMS-121X – main auditorium speakers
- 2 x EM Acoustics EMS-81 – main Upper Circle speakers
- 2 x EM Acoustics EMS-61 – Upper Circle side fill speakers
- 4 x EM Acoustics EMS-51 – Front fill and Gallery delay speakers
- 2 x EM Acoustics EMS-115C – subwoofers

Additional Speakers / Monitors

- 4 x dB Technologies Arena 8 Pro speakers
- 2 x HK CT108 speakers – normally rigged as foldback speakers behind the pros approx. 3.5m high
- 2 x JBL Control 1 speakers
- 2 x HK CT112 speakers / wedges
- 4 x Electro Voice Sx200 speakers
- 2 x Shermann Audio wedges

Microphones

- 3 x Shure SM58 vocal mics
- 1 x Shure Beta 57A vocal mic
- 2 x Shure SM57 instrument mics
- 3 x Behringer B-5 pencil condenser mics
- 1 x Beta 52A kick drum mic
- 2 x Crown PCC plate mics

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Radio Microphones

We own the following radio mics, but they are normally not included in the theatre hire and use of them would come with a contra charge.

- 3 x Sennheiser ew 300 G3 (EM 300) radio mic receivers (823-865MHz)
- 1 x Sennheiser ew 100 G2 (EK 100) belt pack receiver (830-866MHz)
- 3 x Sennheiser ew 300 G3 (SKM 300) Hand held radio mics (823-865MHz)
- 2 x Sennheiser ew 300 G3 (SK 300) Belt pack radio mics (823-865MHz)
- 1 x Sennheiser ew 100 G2 (SK 100) Belt pack radio mic (830-866MHz)
- 1 x Sennheiser ME 2 lapel mic
- Several Proel HCM23 Headset mics
- 1 x Shure PG58 hand held radio mic kit (854-865MHz)

Playback

- 2 x Sony Mini Disc
- 2 x Numark CDN22 MK5 dual CD players with auto pause – one installed DSR near the DSMs desk, the other usually available near the auditorium mixing position.

Other

- 5 x Behringer Ultra-DI DI Boxes
- Assortment of mic stands

Communications

- Altair Coms system, with 6 EM-201 beltpacks and AM-100/2 headsets
- We do also have 3 x WBP-210 wireless beltpacks and AM-100/2 headsets, but use of them would normally come with a contra charge

The theatre's audio mixing position in the Gallery at the top of the auditorium, on house right.

Lighting and Sound are often operated from separate positions. If it is useful for a performance, we can move the lighting desk to be next to the sound desk.

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