



# RUHR FESTIVAL THEATRE

**Company:** Fohhn

**Location:** Recklinghausen, Germany

The Ruhr Festival Theatre, with its impressive tiered seating, main and side stages occupies an overall area of approximately 1,200 sq metres and ensuring that each occupant of the theatre's 1,010 seats experiences an identical level of sound quality presented a challenge when selecting a new sound reinforcement system.

After considering a number of options, the answer to this dilemma was reached thanks to Fohhn's Focus Modular systems, as their vertical beam width and vertical inclination angle can be remotely adjusted via software in 0.1° increments. This enables the loudspeakers to be targeted precisely towards the required areas. Fohhn's two beam technology enables two separate beams to be generated, for example one to cover the main stalls and the other to provide direct coverage of the balcony area, avoiding the balustrade, which can otherwise result in unwanted reflections.

Two Fohhn FMI-400 low-mid modules have been mounted to the left and right of the stage area, each combined with a Fohhn FMI-100 and Fohhn FMI-110 high frequency module. A further Fohhn FMI-400 / Fohhn FMI-110 combination is also flown above the central edge of the stage. On the stage itself, four Fohhn XM-4 wedges are used for monitoring, while six Fohhn Linea LX-11 ultra-compact line source loudspeakers have been placed along the outer edge of the stage for near field coverage of the first few audience rows. Two Fohhn Linea AL-100 systems are used in the auditorium for sound effect reproduction.

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