



ELBPHILHARMONIE
H A M B U R G

TECHNICAL INFORMATION

ELBPHILHARMONIE GRAND HALL

Last updated: 22 July 2025

1. Stage and Hall

1.1. Podium

The podium consists of 31 electrically operated, height-adjustable platforms arranged in a semi-circle, enabling flexible stage configurations as needed. The front four platform rings are 1.5 metres deep, while the rear three are half as deep in the centre and slightly wider toward the sides. The total stage area is approximately 260 m², with an effective usable area of approx. 18 m x 15 m (width x depth). The clearance above the stage is 12.5 metres when the centre cluster is fully extended.

1.2. Auditorium

In its standard configuration, the hall provides seating for 2,091 guests. The location of wheelchair spaces, staff and management seating, and sponsor seats can be found in the Hall Plan. For larger choirs, all 78 seats in section G, located directly behind the stage, can be deployed and used with or without their armchairs. If less stage space is needed, the rear section of the stage can be converted into area H, providing up to 94 additional audience seats. When a front projection setup is used, featuring a suspended rear wall and a PA system projecting into the hall, the number of available seats is reduced accordingly.

For remote orchestra setups or similar requirements, individual armchairs may be removed to create space, with each removed chair providing an area approximately 55 cm x 95 cm (width x depth). Suitable sections for this purpose include areas L (35 chairs), R (48 chairs), O (13 chairs), and V (15 chairs).

1.3. FoH

In the hall, there is an optional-use area measuring 2.8 m x 5.1 m located in the audience section opposite the stage. A permanent cable connection to the stage is available for this area. Up to 31 seats must be removed and may not be sold: B10.6 to A10.5 / B11.5 to A11.5 / B12.5 to A12.5

1.4. High-Voltage Connections

The stage area is equipped with an ample number of three-phase power connections, available in Powerlock 400A and 250A, as well as CEE 125A, CEE 63A and CEE 32A.

1.5. Lighting

Lighting is centrally controlled via a grandMA2 light (Silent) console located in the control room, which offers an unobstructed view of the stage. For optimal stage illumination, 170 conventional profile spotlights (ranging from 750 to 2000 watts) are installed in the catwalk area, discreetly positioned above the stage.



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1.6. Sound

The hall has a permanently installed sound system that can be used for voice announcements. For electro-acoustically amplified concerts, the setup can be supplemented with d&b loudspeakers. Audio is controlled using Yamaha digital mixing consoles, which can be positioned in the control room, front-of-house (FOH) or on stage as a monitor desk. A variety of microphones from leading manufacturers, as well as multiple wireless systems, are available.

1.7. Rigging

The stage area and multiple locations throughout the Grand Hall are equipped with suspension points, featuring 32 BGV-C1 lifting devices (motorised hoists) for rigging purposes.

1.8. Assisted Hearing System

An induction loop for hearing assistance is available on three balconies of the hall, and Sennheiser wireless receivers with headphones are also available to support visitors with hearing impairments from multiple seating locations.

1.9. Stage Management

Two stage manager desks allow for the coordination of various light and sound cues to the backstage area, ensuring that everything runs smoothly behind the scenes. They also provide the capability to capture video footage of productions or make announcements to the audience.

2. Load-In and Logistics

Loading zone: Three parallel load lock chambers on the load surface level. One bay is also equipped with an electric hydraulic platform (3.65 m x 2.24 m). Access to each bay is 3.5 m wide and have a height restriction of 4 m. This provides enough space for a total of three trucks at the same time: two trucks up to 12 tonnes and one truck up to 5 tonnes.

Beside the artists' entrance is a parking bay with the dimensions of 30 m x 5 m for an OB van.

A freight lift is available, measuring 2.5 m wide, 2.2 m high and 6.9 m deep. It is directly connected to the loading zone, with a maximum payload of 4 tonnes.

Due to production requirements, the freight lift and loading zone are also used by the Kaistudio.

3. Ancillary Spaces

3.1. Backstage

Artists and service providers can access the backstage area of the halls via the artists' entrance on the south side of the Elbphilharmonie (on the left side of the building when arriving, harbour side). As the backstage area is equipped with a security system that requires a keycard for each user of the area, all persons involved in an event must be registered in advance.

The backstage area on the 12th floor includes eight premium dressing rooms with en-suite bathrooms, as well as a cafeteria that also serves as a lounge for the artists.

The orchestra area is located on the 11th floor and includes four communal dressing rooms and eight rehearsal rooms. An additional rehearsal room, which can also function as a production office, is situated on the 12th floor.