The Palast



Both the programme and dimensions at the Friedrichstadt-Palast Berlin are unique. The shows are performed exclusively here at the Palast and feature ultramodern aesthetics and the latest high-tech effects. A special mix of dance, extravagant costumes, breathtaking stage sets and daring acrobatics captivate the audience.

A legendary theatre, the eventful history of the Palast dates back to 1919 when Max Reinhardt opened the Great Theatre, which has been called the Friedrichstadt-Palast since 1 November 1947. Since 1984, it has been housed in a gigantic new building at 107 Friedrichstraße in Berlin's Mitte district in the heart of the East End Theatre District.

When you first see the building from Friedrichstraße, it doesn't look that big. But appearances can be deceiving. The building is 80 metres wide, 110 metres long, and encloses a space of 195,000 cubic metres. The enormous building is the last historic landmark building that was built in the GDR. Inaugurated on 27 April 1984, it represents a special architectural contemporary witness to the inner German division in the past.

After the fall of the Wall, the Palast established itself as the first address in reunified Germany for extravagant and spectacular show entertainment.

Following extensive investments into the millions, the Palast continues to be Europe's biggest and most modern show palace.

Exclusive seats for the most discriminating guests can be found in the Wall Sky Lounge. It is the world's first Sky Lounge in a theatre and gives six people the opportunity to watch the show from above in their own separate lounge area with their own bar.

The colourful history of the Palast and the theatre district in the Friedrichstraße area is also the subject of a permanent exhibition in the foyer. Moreover, the exhibition features a giant contemporary aerial photo that pinpoints the locations of the entertainment venues from the much-discussed "Golden



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Friedrichstadt-Palast Berlin

Friedrichstraße 107 10117 Berlin-Mitte Germany

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Twenties". Annually, including guest performances and festivals, almost 700,000 people attend performances at Germany's most visited theatre.

As the last prestigious building to be erected before the political transformation, the Friedrichstadt-Palast represents both the apogee and the end point of the age of "palaces" in the GDR. Due to its historical and artistic significance and its special place in the city's landscape, the Berlin State Office for the Preservation of Historic Monuments (Landesdenkmalamt) added the building to its list of protected monuments on 3 March 2020.

Figures, data and information on the Palast

<u>Building</u>

Construction time:	39 months (opened on 27 April 1984)	
Architects:	Walter Schwarz and Manfred Prasser, among others	
Theatre hall architect:	Werner Hoffmann	
Addition to list of protected monuments:	3 March 2020	
Building area:	7.700 m²	
Enclosed space:	195.000 m³	
Reinforced concrete:	ca. 18.000 m³	
Length:	110 m	
Width:	80 m	
Height:	32 m	

<u>Theatre hall</u>

Seats:	1,899, incl. 4 wheelchair spaces
Wall Sky Lounge:	6 luxurious leather armchairs with a private bar

<u>Stage</u>

Performance space: 2.854,02 m²

2 person flying systems in the theatre hall

1 soundproofing curtain

1 demarcation curtain

1 iron curtain and two smoke curtains

4 curtain sniffer with Kabuki curtain drop system DMX controllable



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Painted surface, 12 m diameter

Technically renewed in 2020.

Round revolving platform with hydrostatic

Diameter: 10 m; height: 2.28 m; capacity:

approx. 160,000 litres; weight: filled 225 tons.

Front	stage

Optional

Cover disk:

Lifting podium:

Water basin

Ice parquet trolley

Manege wagon

Forestage

Upper machinery

1 machine hoist 2 curtain hoists

10 point hoists

Diameter: 12 m

slide bearings

Diameter: 12 m

Diameter: 12 m

Production-specific installations FALLING | IN LOVE Grand Show

Lifting platforms in the water basin	3, each of 20 m ² in size, individually movable with a fixed hexagonal column of approx. 1.20 m in diameter at the centre
Water effects	Podium with 7 mushroom-shaped "bubbly fountains"
	14 kickline fountains, each of 4 m in height
	8 m geyser
Mirror zones	2 more water areas on the forestage, each with 6 kickline fountains
Waterfalls	2 waterfalls of approx. 2.6m in height that cascade from the side stairs on the forestage
	Waterfall at the centre tower 9.5 m high and approx. 8/5.5 m wide (top/centre) with its own collecting basin of 2.5 x 10 m in size with integrated pumps and its own filter system



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Rain curtain	Approx. 25 m rain wall with nozzle spacing of 2.6 cm (approx. 960 nozzles in total, all of which can be controlled individually)
Fog machines	2 fog machines in a hexwagon (lightmaXX Low Fog)
Drives	6 motors for the centre tower; 1 motor in the hexwagon; 7 Ventum stage bridges in the stage wagons
Artistry	3 bungee systems with a jump height of approx. 12 m

Stage tower

- Height: 32 m
- 40 hand pulleys
- 32 electrically operated point hoists
- 12 mechanical hoists
- 19 steel band hoists

Lighting

- 129 conventional spotlights
 36 Showtec Sunstrip
 51 Portman P3 Pix3l
 12 ETC Source4 Zoom
 26 Strand Lighting Altos
 4 Robert Juliat Victor followspots
- 250 LED spotlights 50 Litecraft PowerBarX.15 14 DTS FOS 100 6 Robe ROBIN ColorStrobe 60 ETC ColorSource PAR 120 Color Kinetices iColor Cove

347 moving lights

26 Robe FORTE
4 Robe iFORTE
16 Robe MegaPointe
74 Robe ROBIN Pointe
41 JB Lighting P18
44 JB Lighting Sparx 18
44 JB Lighting Sparx 7
16 Clay Paky B-Eye K20
14 Clay Paky Sharpy Wash 330



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18 Clay Paky Alpha Spot HPE 1500 20 Clay Paky Alpha Profile 800 ST 10 Elation FUZE MAX PROFILE 20 ADJ Flex L7

Set electrics

2,9 km LED band
122,000 LED pixels in RGBW
1 km linear luminous set application
60 mm wide, video-capable power LED band
60 kW LED power
800 m specially developed LED foam

Control consoles

2 grandMA 2 Fullsize 2 grandMA 2 Light 1 grandMA 3 light CRV 5 grandMA 2 NPU 1 Madrix – LED control

Special effects/lasers

2 LPS RGB lasers, 15 W
1 Phenon RGB laser, 15 W
6 MDG hazers
1 grandMA3 light control room version
5 confetti machines
6 low fog machines

Video

5 Christie Griffyn 4K32-RGB laser projectors 2 Panasonic PT-RZ31K laser projectors 6 Pandoras Box V8 Quad servers 2 Pandoras Box Manager

Tracking

30 OptiTrack Slim 13E cameras 20 OptiTrack belt packs 2 Stage Precision servers

Sound

Digital, decentralised mixing console system for the front of house and monitoring (live band and vocals), each with 192 input channels (total of 480 input channels) and up to 128 output channels

32-channel digital wireless transmitter (microphones and line signals)

20-channel wireless in-ear transmitter (monitoring band and vocals) from an

immersive in-ear system



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18-channel wired in-ear system for band monitoring from an immersive in-

ear system

50 channels for wireless radio

Immersive 360° sound system with passive PA System comprising:

102 x 2x12", 1x4" speakers (front, sides) 28 x 5" speakers (front fills) 23 x 12" + 3" speakers (rear, roof) 6 x 8" + 1" loudspeakers (sidefills) 8 x 2x18" sub-bass speakers

Fed from: 35 x amplifiers, each with 4 x 3.3 kW 12 x amplifiers, each with 4 x 1 kW

Audio description system with 10 receivers Induction loop for the integration of people with a hearing impairment

Small Ballet Hall

Size:	366.66 m²
Mirror area:	110 m²
Ballet barres:	77 m

Large ballet hall

Size:	445 m²
Mirror area:	60 m²
Ballet barres:	80 m

Costume workshop

- Production of over 1,000 costumes per year
- 6 ladies' tailors and 2 master ladies' tailors
- 6 men's tailors and 2 master men's tailors
- 2 employees responsible for headpieces
- 2 master shoemakers and 1 assistant

<u>Store</u>

Size: Costumes:

Almost 4,000 items on 320 m of racks

410.50 m²



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Owned by the City of Berlin

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