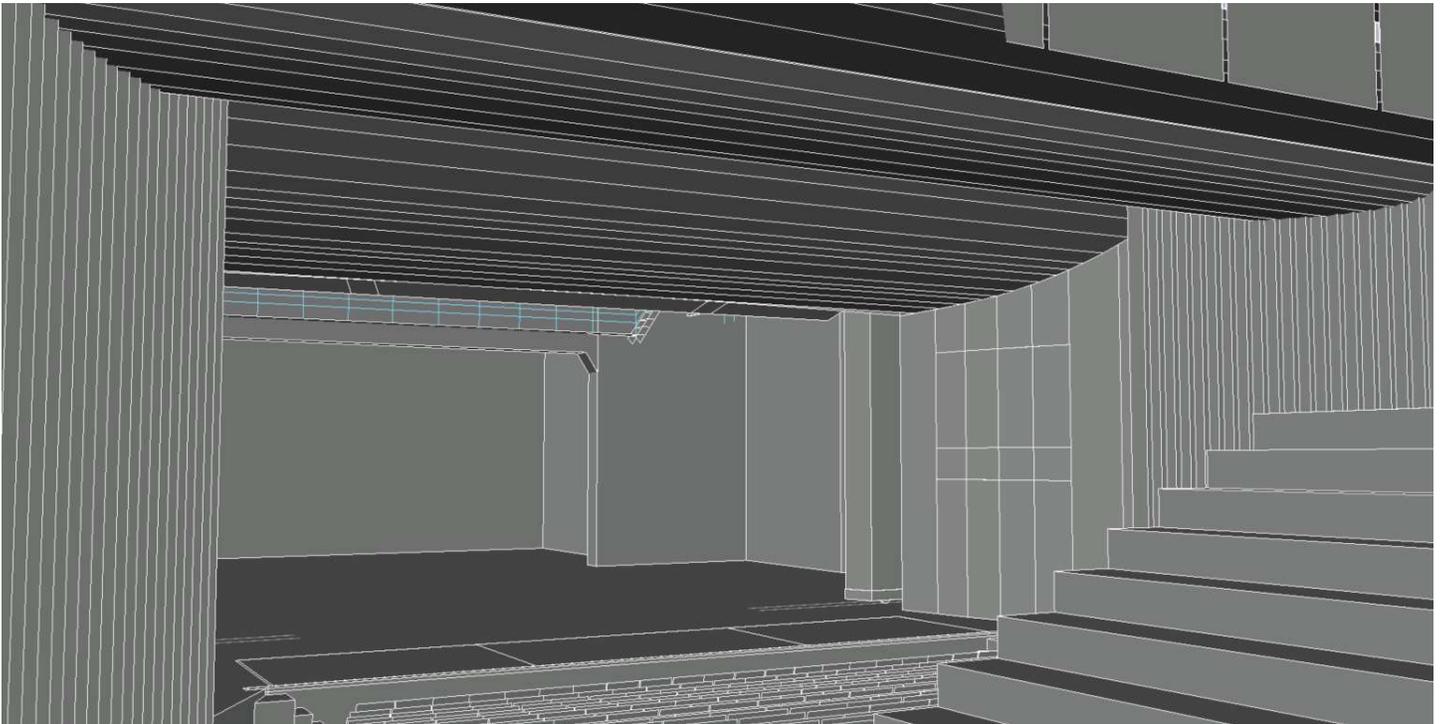


Lithuanian National Drama Theatre

BIG Stage

Technical and Production Information

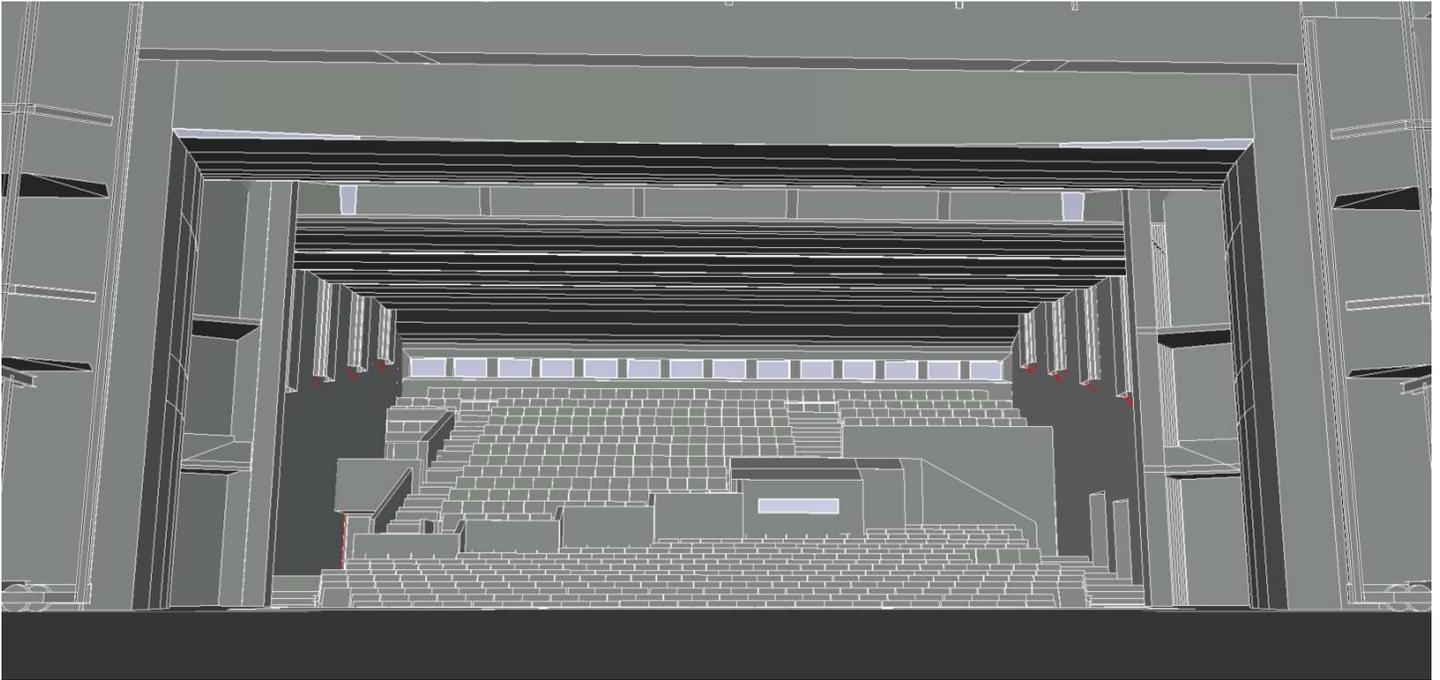
Please be advised that the Big Stage is presently undergoing reconstruction. As a result, this document represents an initial draft and may be subject to revision.



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Big Stage Technical and Production Information

April 18, 2024

Official page: teatras.lt

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The information contained in this document is given in good faith and is believed to be correct. All measurements are approximate and should be checked on site. While every effort is made to fulfill production requirements from in-house stock, no guarantee is made that the equipment listed will be available for a particular event. Availability is subject to the requirements of the other Lithuanian National Drama Theatre venues.

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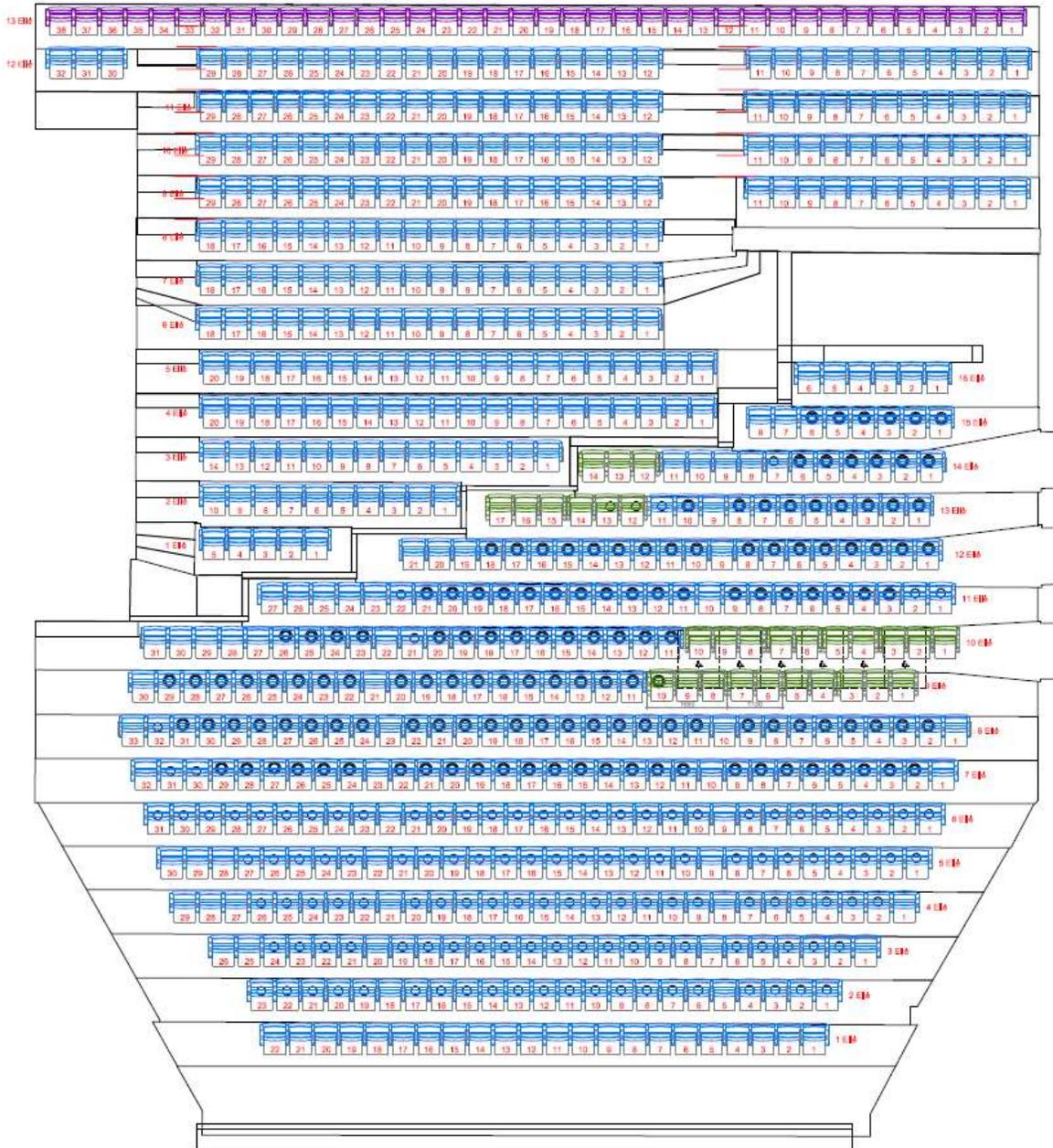
General Information

Auditorium

There are five entrances to the auditorium from the main foyer, with one on the upper level accessed via a stairway from the foyer.

The seating capacity in the *Big Stage* is 660. The auditorium consists of a parterre (380 seats) and a balcony (280 seats).

There are 6 wheelchair positions at the left side of auditorium (9-10 rows, 1-10 seats). If these positions are required, regular seats must be removed.



FOH

The default control booth is located behind the last auditorium's row and has a separate entrance. Control booth is an open space, without separating glass. Adjacent to the control booth, there are two rooms with windows that can be used for followspots or translators. In order to change the FOH location, audience's seats must be blocked, so it is necessary to agree with the Production Manager. It is possible to move the FOH to the parterre by blocking 12-17 seats in the 13th row and 12-14 seats in the 14th row. This position is only used in exceptional cases, such as during a live concert.

Working Hours of Technical Staff

The technical staff consists of the Lighting, Sound, Video, Stage and Props departments. Technical staff is divided into morning and afternoon shifts. The morning shift starts at 8 A.M. and ends at 3 P.M., the afternoon shift is from 3 P.M. to 10 P.M. Extra hours are subject to a surcharge. On Sundays, the entire technical team has reduced working hours (8 A.M.-2 P.M., 2 P.M.-8 P.M.), Mondays – off. Please prepare the work schedule according to this information and discuss it with the Production Manager.

Accessibility

The theatre is located in the city center, and the approach is complicated on weekdays, especially between 7-9 A.M. and 4-6 P.M. The entrance is from [Odminiu St. 9.](#)

Parking

The *Lithuanian National Drama Theatre* does not have parking spaces, so each case is evaluated individually. If you need a parking space, please contact the Production Manager.

Load-in Area

The main truck dock is on the ground floor and is on the same floor as the *Big Stage*. The route from the dock door to stage is on one level and step free.

Storage Space

The theatre has limited storage space, please contact the Stage or Technical Manager for more details. According to the current practice, large-scale items (up to H - 4,40 m) are allowed to be stored in the area next to the loading dock door, and small-scale items – on the stage.

Wi-Fi

Guest Wi-Fi is available.

Smoke Management

Only IQOS and other types of electronic cigarettes can be used on the stage.

Venue specifications

Stage Dimensions

The proscenium arch's tormentors (side walls) can be adjusted to create an opening width ranging from 9 m to 14,6 m. A 650mm thick, load-bearing concrete wall separates the main stage from the rear stage.

The *Big Stage* dimensions are:

Width	Stage extension / Orchestra pit	13,0 m
	Apron	14,6 m
	Rear stage opening	12,9 m
	Proscenium <i>tormentors are adjustable by prior arrangement</i>	9 m to 14,6 m
Depth	Apron to last fly set	14,7 m
	Rear stage	9,7 m
	Stage extension / Orchestra pit	2,9 m
Height	Proscenium	6,3 m
	Maximum drift*	19,0 m
	Grid	19,6 m
	Rear stage opening	6,5 m
	Stage	0,95 m <i>above auditorium floor</i>

**Dimensions are approximate and critical measurements must be confirmed on site.*

Stage Description

Surface	65 mm pine timber , painted black (appropriate wood screws can be used)
Stage Rake	0 degrees (flat)
Maximum Loading	5,0 kPa (500 kg/m²) – distributed, 3,5 kPa (350 kg) – concentrated.

Stage Plans

At present, only the old drawings from before the reconstruction are accessible. This applies to all the drawings referenced in this document. Nevertheless, the information provided is still pertinent because the reconstruction was executed to preserve the entire architecture of the *Big Stage*.

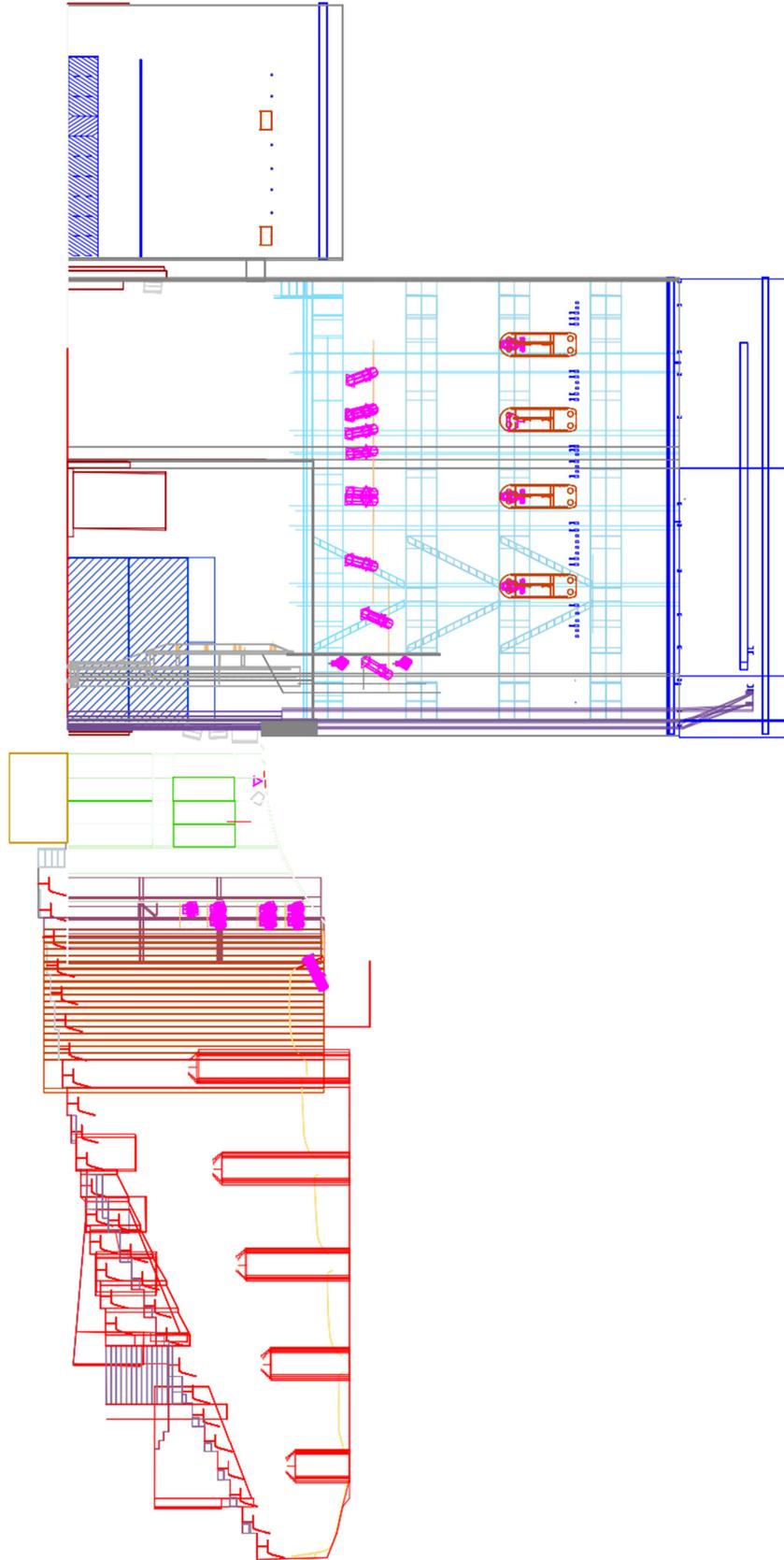
Specific scale plans can be requested as PDF or DWG files. Please email Technical Manager karolis.juknys@teatras.lt or through your Production Manager.

The Big Stage

Venue Section View Plan



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Staging

Flying System

The *Big Stage* has a flying system: 32 fly bars and 4 lighting bridges. The winches are operated by the *Waagner Biro Stage System*.

If your production requires any temporary or specialized rigging, such as the use of pin spots, or flying performers, an application for installing temporary rigging must be completed. Please discuss your needs with us as early as possible, your Production Manager can assist with these arrangements.

Height of fly tower from the stage floor	19,5 m
Main stage drift	19,0 m
Rear stage drift	8,0 m
Height under 1 st gallery	7,5 m
Width between galleries	19,0 m

Fly Bars

All lines are capable of varying speeds up to 1,4 m/s and all have a maximum load capacity of 400 kg each. Electric switched channels and signals are routed along all bars.

All fly bars are straight aluminum, 50 mm diameter.

- F1-F29 are 17 m long.
- F30 is 16,5 m long.
- F31-F32 are 16 m long.

Fly Bars Spacing

The line spacing is not uniform (check critical measurements on site):

- Between F1 and F6 centers the spacing is 0,2 m
- F6 - LX1 are 0,6 m at centers
- LX1 - F7 are 0,7 m at centers
- Between F7 and F14 centers the spacing is 0,2 m
- F14-LX2 are 0,8 m at centers
- LX2 – F15 are 0,6 m at centers
- Between F15 and F21 centers the spacing is 0,2 m
- F21-LX3 are 0,8 m at centers
- LX3 – F22 are 0,6 m at centers
- Between F22 and F27 centers the spacing is 0,2 m
- F27-LX4 are 0,8 m at centers
- LX4 – F28 are 0,6 m at centers
- Between F28 and F32 centers the spacing is 0,2 m

- The depth of the cage framing of the LX Bridge is 0,78m.

Chain Hoists

TBC

Chain Hoists Default Rigging*

TBC

Truss

TBC

Staging Equipment

A range of equipment is available, including a full set of black masking or dance floor. Please discuss your stage equipment needs with your Production Manager.

Opening Curtain

The Opening Curtain is not yet installed at the current stage of reconstruction. TBC.

Stage Decks

Adjustable stage decks can be supplied if required. The decks have a non-slip timber top, measuring 1 x 1 m (10 pcs) and 1 x 2 m (72 pcs). The minimum height is 0,2 m, then adjustable from 0,4 m to 1,4 m. The load capacity per deck is 500 kg/m². The listed units are in stock and used for whole theatre needs.

Stage Lighting

Control

The *Big Stage*'s lighting system is controlled by an *MA Lighting GrandMA3 Light* console with a parameter extension *MA Lighting grandMA3 processing unit M*. Both units have 16K parameters and use a *MA Network over Ethernet* system for data distribution.

Data

The *Lithuanian National Drama Theatre* has an *MA Network over Ethernet* system. It utilizes *MA-Net* to distribute an almost infinite number of DMX universes. In the *Big Stage* it appears in the control room, the commutation room, in the stage area and in the auditorium. Some points have permanently installed *Ethernet* to DMX nodes, and extra nodes can be installed on request. External network devices must be approved by the *Lithuanian National Drama Theatre* prior to installation onto the network. Alternate protocols such as *Art-Net* or *sACN* are permitted to run on the house network. If protocols other than *MA-Net* are required, please discuss it with your Production Manager.

Power

All general and switched/dimmed electrical power supplies are 240 V AC @ 50 Hz.

Additional 3-phase supplies (415 V AC) are available on stage with industrial 5-pin 6h pattern sockets (5 x 32 A / 2 x 63 A).

Dimmers

The *Big Stage* is equipped in accordance with the *European Union* directive on energy efficiency. So, all the lighting fixtures were chosen with LED light sources. There is a minimal dimming system installed in the hall – 144 channels in total.

Dimmers are allocated as follows:

FOH bridge patch panel	12 channels
FOH left patch panel	6 channels
FOH right patch panel	6 channels
Proscenium arch bridge patch panel	12 channels
Proscenium arch left patch panel	6 channels
Proscenium arch right patch panel	6 channels
Lighting bridges patch panels (4x)	12 channels each (48 total)
Gallery patch panels	24 channels
Stage floor patch panels	24 channels

Non-Dimmed Units

Special 3 kW rated switched units are available to supply "clean" power to the stage. These are controlled from the panel in the lighting control booth. Non-dimmed units are allocated as follows:

- TBC

House Lights

The main house lights are RGBA LED fixtures (*Altman Lighting Chalice Pendant 100W*) and RGBW LED strips. The house lights can be controlled by the lighting desk or the panel system on a highest-takes-precedence basis.

Rehearsal and Work Lights

There are rehearsal and work lights (*ProLight Solaris*) and Blue lights (*ETC ColorSource SPOT and RGBW LED stripe per stage's perimeter*) over the backstage aisles and rear crossover. These lights can be controlled by the lighting desk, panel system or push buttons located backstage. This facility is used when the lighting control room is unattended.

Lighting Equipment

A comprehensive range of LED luminaires is allocated to the venue. This includes Moving Heads Spots and Washes, Cyc lighting, Fresnels and Profiles. Suppliers include DTS, *Ayrton*, ETC, *Robert Juliat* & *Spotlight*. If needed, other lighting equipment can be negotiated.

Moving Heads	<i>Robe Forte FS HCF</i> (profile-spot, 1000W LED, 5°-55°)	22
	<i>Chauvet Maverick Silens 2 Profile</i> (profile-spot, 560W LED, 5°-58°)	25
	<i>DTS Alchemy 7</i> (wash, 800W LED, 15°-50°)	12
	<i>DTS Alchemy 5</i> (wash, 400W LED, 10°-47°)	24
	<i>Robe Tarrantula</i> (wash, 1500 multi-LED, 4°-50°)	12
	<i>DTS Nick NRG 1401</i> (wash, 400 multi-LED, 4°-50°)	24
Fresnels	<i>TBC</i>	—
Profiles	<i>TBC</i>	—
Cyclights	<i>Robert Juliat DALIS 860</i> (asymm-cyc, 300W multi-LED, 90°)	30

Followspots

TBC

Stands

TBC

Effects

Fog machines	<i>TBC</i>	—
Hazers	<i>TBC</i>	—
Fans	<i>TBC</i>	—
Low smoke machines	<i>TBC</i>	—

Smoke

Any smoke, haze and dry ice machines that are brought into the *Lithuanian National Drama Theatre* must be approved prior to use. The Stage Manager must be informed prior to each use of an effect, as arrangements must be made to isolate the automatic fire alarm system.

Strobes

In order to ensure the comfort and safety of the audience, the audience should be warned that flashing lights are being used. Please discuss this with your Production Manager.

Pyrotechnics, naked flame and lasers

Pyrotechnics, naked flames, and lasers may only be used with prior written approval. Your Production Manager can assist with submitting an application.

Sound & Audio

Control

The *Big Stage*'s sound system is controlled by an A *DiGiCo Quantum 338* Console (+ *Waves Platinum* add-in) and *Apple iPad Air 10.5"*.

Mixing Console

DiGiCo Quantum 338 Console is installed in the control booth by default. **Control booth is equipped with the *Meyer Sound Amie* monitor system for the Sound Operator.** There is a possibility to position the operator in the auditorium:

- In the auditorium's parterre. If this position is required, 12-17 seats in the 13th row and 12-14 seats in the 14th row must be removed and the theatre's capacity will be reduced. This position is only used in exceptional cases, such as during a live concert.

The ends of the optics are located in the control booth, auditorium and stage left (at the portal cage). All fibers are with ST type connectors.

Data

Signal distribution is achieved over the *Meyer Sound Galileo Galaxy 816* processors. System processing can be accessed via *Meyer Sound Compass / Compass Go* software.

Power

All electrical power supplies are 240 V AC @ 50 Hz:

TBC

Additional 3-phase supplies (415 V AC) are available on stage with industrial 5-pin 6h pattern sockets (**TBC**).

Speakers

Speakers' system gives a good coverage throughout the theatre, being able to deliver anything from subtle and natural sounding reinforcement to high SPL across the audio spectrum.

Supplementing this Front of House arrangement are five pairs of side Surround speakers and two pairs of Back of House speakers. These can collectively be used as a surround sound system. The sound system consists of:

Main Left – Center – Right FOH

- 29 x Meyer Sound Mina

Subs Left – Right

- 8 x Meyer Sound 750-LFC

Delay Bar

- **TBC**

Surrounds

- 10 x Meyer Sound UP-4Slim

Stage Monitoring

- TBC

Stage Effects

- TBC

Microphone Selection

The *Lithuanian National Drama Theatre* has a wide range of microphones from brands such as *Sennheiser*, *Shure*, *AKG*, and *DPA*. Please discuss your desired microphones with your Production Manager.

Shotgun Microphones

- TBC

Vocal Dynamic Microphones

- TBC

Surround Microphone

- TBC

Radio Microphones

- TBC

In-Ear-Monitors

- TBC

Microphone stands

- TBC

Additional Equipment

The following equipment belongs to a theatre-wide inventory and can be allocated to your production, subject to the demands of the other stages.

Stage Monitors

- TBC

Video

Video Replay

The Video department has a range of playback options and switchers. *Lithuanian National Drama Theatre* video equipment is shared between all stages and its use in the *Big Stage* is subject to availability. Please consult your Production Manager as early as possible in regard to booking this equipment. Our staff can also assist with hiring additional equipment on your behalf, if required.

Switcher

- TBC

Video Mixer

- TBC

Video Playback

- TBC

Installed software

- TBC

External video cards

- TBC

Projection

There are a number of options available for projector placement within the *Big Stage*. There are provisions for front and rear projection. Please discuss these with your Production Manager. Please note that in order to facilitate projection, a truss or a fly bar and a screen must be rigged and some seats may need to be pulled from sale.

Projectors

- 2 x *Chrisrie Crimson HD31* (ANSI 28,000LM, rigging/stacking frame)
 - 2 x 0.37:1 – *HD31* ultra short lens
 - 2 x 0.80-1.16:1 – *HD31* short zoom lens
 - 2 x 1.16-1.49:1 – *HD31* short zoom lens
 - 2 x 1.8-2.6:1 – *HD31* short zoom lens
 - 2 x 2.6-4.1:1 – *HD31* zoom lens
 - 2 x 4.1-6.9:1 – *HD31* zoom lens
- 2 x *Chrisrie D20HD-HS* (ANSI 16,500LM, rigging/stacking frame)
 - 2 x 0.38:1 – *HS* ultra short lens
 - 2 x 0.84-1.02:1 – *HS* short zoom lens
 - 2 x 1.02-1.36:1 – *HS* short zoom lens
 - 2 x 1.5-2.0:1 – *HS* short zoom lens
 - 2 x 2.0-4.0:1 – *HS* zoom lens
 - 2 x 4.0-7.0:1 – *HS* zoom lens

Projection Screens

- TBC

Subtitles

Each case is individual, translation equipment is chosen according to the location and your scenography, discuss this with your Production Manager.

LED Display Modules

TBC

Video Monitors

TBC

Additional Equipment

A large number of equipment belongs to a theatre-wide inventory and can be allocated to your production, subject to the demands of the other stages. Contact the Production Manager for additional equipment and your needs. List of the *Big Stage's* equipment:

Converters

- TBC

Recorder

- TBC

Transmitters and Receivers

- TBC

Wirless Video TX/RX

- TBC

Cameras

- TBC

Communications

Headset Communications

TBC

Show Relay

TBC

Stage Manager's Desk

TBC

Backstage Facilities

Dressing Rooms

There are **several** dressing rooms and a common area with a kitchenette (fridge, dishwasher and kettle) on the stage left. Dressing rooms are supplied with tables, mirrors and comfortable seating. There are two showers and two toilets. It is possible to have a live sound and video broadcast from the stage.

So far, there are only two entrances, through the lobby with an elevator or through the stage.

Wardrobe

Only essentials: racks, iron and ironing board. If you need a clothes steamer, please contact the Production Manager.

Laundry room is in the basement. The laundry room has a washing machine and a dryer. Dry cleaning is done outside the theatre, so you need to inform the Production Manager.