

TRON THEATRE

Main Auditorium

Technical Specifications

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In order to facilitate your forthcoming production at the Tron please read this document.
If you have any questions or you would like to discuss the technical aspects of your event, please feel free to contact us.

Plans & documents available at <http://www.tron.co.uk/technical/spaces>

Production Dept Contacts

Head of Production

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Stage Manager

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Chief Technician

Mark Hughes
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Building Contact Information

Theatre Address

Tron Theatre Ltd, 63 Trongate, Glasgow, Scotland, G1 5HB

Get In Address

Tron Theatre Ltd, 38 Parnie Street, Glasgow, Scotland, G1 5LS

Administration

Admin is located on the 1st floor. t: 0141 552 3748

Box Office

Box office is located in our Foyer. The box offices main entrance is located on Chisholm Street.
Tickets can be booked in person, online and by phone t: 0141 552 4267

Bar

The Tron Bar serves hot & cold drinks. The bars main Entrance is located on Chisholm Street.
Visiting companies get discounts on tea & coffee.

Website:

www.tron.co.uk

General Building Information

Visitor Passes

Please provide a full company list so visitor passes can be issued. These passes are always to be worn. There is a charge for lost or non-returned passes.

Building Access

The Tron opens daily at 10am. There is no access before this without prior arrangement.

Access is only available via public entrances from 10am.

Companies will not have access to venues, dressing rooms, technical areas or places of elevated risk until the duty or allocated member of Tron technical staff is onsite and has unlocked those areas.

Dressing rooms, backstage areas and venues should be vacated fifteen minutes after the end of the performance.

Security

It is the responsibility of the visiting company to ensure the security and insurance of personal belongings and any valuable equipment. The Tron will accept no responsibility for lost or stolen items.

Health & Safety

The visiting companies Stage Manager/Technician is responsible for the Health & Safety of their company.

A copy of the Tron's Health and Safety policy is available on request. Components of this are displayed around the building.

We ask that all visiting companies submit copies of their public liability insurance and a risk assessments & method statements relevant to the production they are bringing to the venue.

First Aid

First aid boxes are located around the building. Several members of Tron staff are certified for 'First Aid at work', see first aid signs around the building for more information.

Fire Safety

It is the responsibility of the incoming Stage Manager/Technician to ensure that all members of the company are aware of emergency evacuation procedure. The Company must nominate an individual who will ensure that all members are accounted for in the event of an emergency evacuation.

The Visiting Company shall ensure that all scenery, props, etc. used in the production shall meet all fire regulations and shall abide by any instructions given by the Fire Officer.

The fire alarm consists of an automated verbal announcement 'An emergency has arisen within the building please leave the building via the nearest possible exit'. The Fire alarm also automatically activates the venues working lights.

Fire Paths/Exits/Signs

All fire paths are 1.2m's wide and must always be kept clear. Fire exits must not be blocked or obstructed in any way.

Fire exit signs must be visible and must never be covered! Fire exit signs and maintained safety lighting cannot be turned off.

Smoking

In accordance with Scottish law smoking is not permitted in any area of the Tron including performance areas.

If this is an issue for your production, please contact the Production dept.

Electronic Cigarettes

In accordance with building policy the use electronic cigarettes are not permitted in any area of the Tron.

Please contact Production if electronic cigarettes are used in your production.

Alcohol

Alcohol is banned in all backstage areas.

Alcohol is only legally allowed to be consumed in licensed areas if bought from the bar itself.

Portable Appliance Testing

All electrical equipment brought into the Tron must have a current P.A.T (portable appliance test).

In the event of equipment not holding a P.A.T or failing a visual check the Tron reserves the right to require the company to remove/test/replace the item. The Tron also has the right to decline the use of the item. There is a fee for any PAT testing done by the Tron.

Parking

There is no onsite parking available.

There are several car parks within easy walking distance to the theatre.

There is chargeable on street parking, please check local signage for details.

We are unable to cone off the get in on Parnie Street for vans or Trucks.

Filming

Should you wish to film your production for archive purposes notice should be given to the Box Office & Front of House Dept along with the Production Dept, as soon as the date of filming is known and no later than seven working days prior to filming. If seats need to be blocked off for camera's this will be subject to availability and there may be costs for this depending on the terms of the contract.

If the relevant departments are not informed within the time stated, filming may be prohibited.

WIFI

There is WIFI throughout the building. WIFI access, online security or bandwidth cannot be guaranteed.

If you require internet for your production, please contact the Production Dept.

PRS

PRS forms must be completed and returned to the Tron's Box Office & Front of House Dept.

Backstage Facilities

Please be aware that the Tron is a very busy venue and there will be other companies performing and sharing these backstage facilities.

Dressing Room's

Total of 6 dressing rooms over 2 levels with various capacities. All have showers, hanging space, lit mirrors & 13a sockets
Dressing rooms are shared between all 3 venues, they are allocated depending on company size.

Ground Floor - 1 disabled dressing room, 1st Floor - 1 disabled access & 4 standard dressing rooms

There is no passenger lift from the 1st floor dressing rooms and ground floor areas of the Main Auditorium & Vic Bar

Green Room Seating area and kitchen with microwave, fridge, kettle, sink etc.

Laundry

Laundry room with 2 washing machines, 2 tumble dryers, drying cabinet, iron and board.

Laundry facilities are also shared with other building depts.

Storage

The Tron has limited storage facilities. Companies must do their best to keep within their allocated areas.

It may not be possible to store items in our dock areas.

It is not possible to store any items before or after the run of your show at the Tron.

Workshop Facilities

The Tron has limited workshop facilities. Access to these areas is only with permission from the Production dept.

Designated Smoking Areas

There is no designated smoking area backstage.

The Tron has 2 designated public smoking areas located on our bar terrace and the box office ramp.

Staffing & Scheduling

Production Information

It is essential that you provide us with the following documents before the minimum time frame indicated.

Three weeks before arrival

Tron technical questionnaire / Production schedules / Company members contact details / Tech specs.

Two weeks before arrival

Lighting plan / Ground plan / Risk assessment paperwork.

Visiting Companies

All Visiting Companies **MUST** provide at least **one competent Technician** and **one Stage Manager** to liaise with the Tron technical staff prior to their get-in and to oversee their technical & stage requirements on the day of the get-in and to run their show and get-out.

Pre-rigging

Pre-rigs are not standard Tron practise. There is a charge for a pre-rigs.

Pre-rigs are only possible when venue programming allows and through discussion with the Production Dept. Pre-arranged pre-rig's will only proceed as long as the lighting plan is received at least two full weeks in advance of the pre-rig date. If no pre rig is booked, please note that you will need to allow for adequate time and personnel to rig lx on your get-in day and this is likely to incur additional charges.

Get In Day

Your contract will state how many members of Tron technical staff and the number of sessions you have for your get in. Please be aware you may not have the same member of Tron technical staff for all your sessions. Please ensure your company has the correct PPE for your get in/production.

Breaks & Overtime

One-hour lunch and dinner breaks must be observed, although split lunch breaks may be possible if forewarned.

A maximum work session of 4.5 hours for Tron staff should be observed. A charge will be made for missed meal breaks and any hours worked after 23:00, before 9:00am and any 11hr overnight infringements.

Performances

Standard access to venues/dressing rooms/backstage areas is from one hour before the performance. If access is required earlier than this it must be agreed with the Production Dept, although this may incur extra charges.

One member of Tron technical staff will be provided for each show call. Please note this will not necessarily be the same staff member for every call unless by prior agreement.

If required, the Tron staff member will operate **either** lights **or** sound cued by a member of your company. If you require us to operate your show, please allow adequate time for technical rehearsal. If an additional member of staff is requested this will be charged to the company.

Extra Sessions

Any additional sessions required, i.e. extra rehearsals or additional technical work will be charged to the company.

These need to be arranged in advance with the Production Dept, costs for these sessions will then be indicated.

Extra sessions are at the discretion of the Tron's Production Dept.

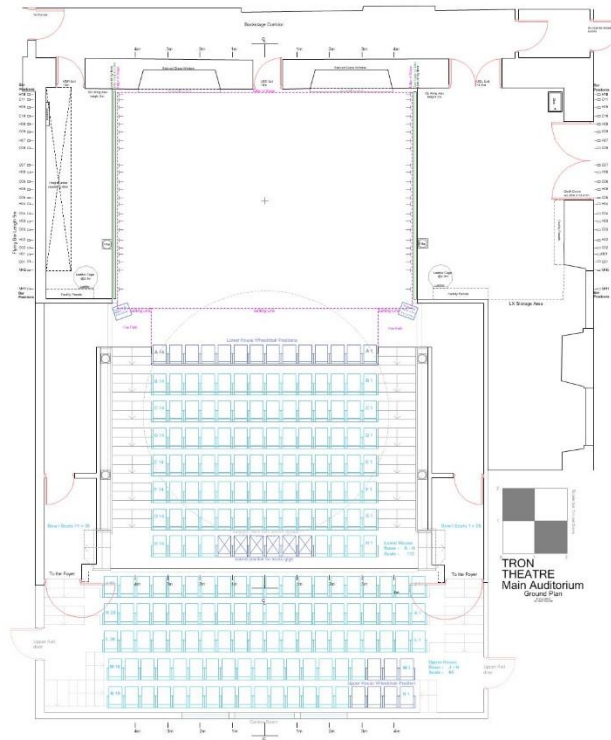
Get outs

Your contract will state how many members of Tron technical staff you have for your get out.

The get out must start directly after the final performance. Work after 23:00 will incur overtime for Tron technical staff.

Please note it will be at the discretion of the Tron's Production Dept whether extra staff is necessary for the get-out due to the size or nature of the production. If extra staff is deemed necessary, that charge will be passed onto the company.

Main Auditorium General



Access

The Main Auditorium is located on the ground floor.
Audience entrances are: 2 on the ground floor (lower House) and 2 on the second floor (upper house)
Lift access is available to the upper house auditorium right entrance only.

Capacity

230 Seats

Seating

End on fixed seating bank in two sections (lower house/upper house)
Wheelchair positions – front row and upper auditorium right.

Foh Points

Top of lower house stairs and top of upper house stairs.

Control Position

The Control Room is located at the back of the upper house. There are 3 positions in the control room, being Lighting, Sound and Audio description/Av. A counter runs the full width of the room so equipment can be moved to a certain extent. There are individually controlled show relay speakers for all 3 positions in the control room. The control room windows do open and may be removed (prior agreement needed). There are 2 auditorium sound positions one at the back of the lower house and one at the back of the upper house, contact the Production Dept for details. These both have implications on capacities and sight lines. This needs to be agreed at the contract stage as once seats are sold no changes can be made. There is lift access to the control room although there is weight limitations on the lift.

Stage

Get In Access

External Dock doors are located on Parnie Street.

There is a ramp from the dock doors (street level) to theatre ground floor level.

Internal dock doors into Main House - 2.28m wide x 2.44m high.

Distance from external dock doors to internal theatre dock doors = 27m

There is a goods lift to 1st floor studio/dressing room level. Lift Dimensions 1700mm wide x 2340mm deep x 2290mm high

Distance from external dock doors to goods lift = 17m

Setting Line Setting line is 1.2m from the lower auditorium stairs.

Stage

Width – 9.1m

Depth – 6.7m from setting line

Maximum wing height 3m

Stage entrances USL (into wing), USC (direct to stage), USR (into wing) via backstage corridor,
DSL & DSR (direct to stage) via Audience entrances

Over Stage Rigging

2 x Motorised hoists

- 250kg UDL payload
- Gridded bar height 7.9m approx.
- Operated from SR fly floor

11 x Double purchase counterweight sets

- Gridded bar height 7.9m approx.
- 180kg UDL payload
- Operated from SR fly floor

10 x Hemp sets

- 50kg UDL payload (Not suitable for lighting)
- Gridded bar height 7.8m approx.
- Hems 2, 4 & 7 operated from SR fly floor. All others SL fly floor

Masking

Standard black box set-up – black traveller curtain normally on Cw 11

Black side wipes under galleries SL & SR (1.5m x 3m ea.)

Also available assorted borders & legs

Black masking flats – max heights 3m, various widths, along with weights and braces

White PVC BP screen 9m x 7.4m – normally rigged on Hemp 10

Misc

Braces and weights

Access Equipment

Tallescope - 4.6m > 7.5m (platform height not handrail height)

We do not roll our tallescope with the basket occupied, it is for static use only.

Zarges - 3m > 5m

A Frame Ladders - up to 3m

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Lighting

Lighting Desk

ETC Ion – XP Version

- 2 x Universes - 1024 ch's)
 - 1 x Touchscreen & 1 x TFT Monitor
- 1 x ETC fader wing (2 x 20 faders)

Dimmers Independents

168 x 10a channels of Zero88 Chilli dimming

- 12 x 10a outlets - Dmx controlled
22 x 10a outlets - Switched from control room

DMX Spare Power

1x Swisson XSP-5R-5R Dmx Splitter

- 1 x 63a 3 phase & 1 x 32a single phase Cee-form sockets in SL wing
63a 3 phase Cee-form socket at Get-in doors

House Lights Workers

2 channels – Lower & upper house. Also activated by fire alarm system.

Controlled via localised panels & DMX. Also activated by fire alarm system.

Lanterns

Category	Quantity	Unit	Wattage	Info
Fresnel	20	S4 Fresnel	750w	With barndoors
	10	Strand Cantata	1200w	With barndoors
	5	CCT Starlette	1000w	With barndoors
	4	Strand Quartet	650w	With barndoors
Profile	9	S4 Zoom 15/30	750w	
	8	S4 Zoom 25/50	750w	
	10	S4 36*	750w	
	6	S4 19*	575w	
Parcans	24	Long nose Parcans	1000w	CP62/61/60
	10	S4 Pars	750w	VNSP/NSP/MFL/WFL
Floods	18	CCT Starlette	1000w	

Supplementary Kit **The following items are subject to availability**

Iris's

- 4 x S4
5 x Prelude/SL (Strand)

Gobo holders:

Size B – S4 & Prelude/ SL

Booms

- 8 x Boom bases – with assorted poles and boom arms

Gel

The Tron is not able to supply gel for visiting companies.

The following items are also subject to a usage charge

Smoke & Haze

The following items are also subject to a usage charge

- 1 x Unique 2.1 Hazer Manual and DMX control
1 x Jem ZR12 Smoke Machine Manual and DMX control
1 x Le Maitre Mini Mist Manual control

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Sound

Desk

Yamaha LS9-32

- 32 XLR Inputs, 16 XLR Outputs
- MY16-AT 16-channel ADAT I/O Card

Playback

QLab System

- QLab 4 & QLab 3 – License for Audio and Video, subject to availability
- MacBook Pro 15-inch (2016), 2.6ghz quad core Intel i7, 16gb ram, 256gb SSD
- Focusrite Saffire Pro40 Soundcard

Mini Jack to XLR cable

Please contact us about any other playback requirements

Amps

Main PA

- 3 x T&M 800 Pro
- 2 x QSC PLX 1804 600w per channel

Monitor/Spot Speaker

- 2 x QSC PLX 1804 600w per channel

Speakers

Description	Quantity	Unit	Position	Info
Main PA	2	GAE 152TM	@ Pros	Permanently rigged
Front Fills	2	EAV JF80	@ Pros	Permanently rigged
Upper House Delays	2	EAV JF80	TWG	Permanently rigged
Slips Fills	2	GAE 1001	@ Pros	Permanently rigged
Subs	2	T&M 215	onstage @ Pros	
Monitors/Spot Speakers	4	T&M 122	-	Not easily flown

Misc

Stock numbers and availability on enquiry.

- Microphones: Shure SM 58's, Shure SM 57's, AKG C391B + SE300B etc
- Di Boxes
- Mic Stands
- Cabling

Pianos

Subject to availability - Piano tuning fee

1 x Yamaha YU53 - Upright piano

Sound Levels

Any amplification or sound levels used in the production will be monitored and determined by the Tron Theatre.

AV

All Av equipment subject to availability

- Projector** 1 x Panasonic PT-EW630 - Subject to a usage fee and availability
- 5500 Lumens,
 - 1.7-2.8:1 lens
 - Resolution 1,280 x 800, aspect Ratio 16:10

- Screen** 1 x Off White PVC BP Screen – normally rigged on Hemp 10
- 9m x 7.4m
- 1 x Fast fold screen
- 3.66 x 2.74 drop
 - Can stand or be flown
 - front projection only

Comms and Cueing

- Show Relay** There is a show relay for the venue, with a mute switch located at the control area.
There is show relay access in all areas of the Tron inc the backstage corridor, upper house lobbies
It is possible to tap into the show relay feed to allow for audio recordings, please contact us if you wish to use this function.

- Cans** The venue has a built-in cans system, with point around the space.
There is also a radio cans system which may be available.

- Calls** There is calls access via the prompt desk and in the control room.

- Prompt Desk** The venues prompt desk is located in the SL wing. The prompt pesd has the following facilities
- Cue lights – Points located around the space
 - 2 x Monitors – SDI connected HD Camera & SD infra-red camera
 - Calls system access
 - Clock, stopwatch, USB charging ports, working light control, show relay speaker

- Assisted Listening** There is an assisted listening system power by Sennheiser mobile connect, this uses the venues show relay feed. This is accessed via the Sennheiser Mobile Connect app on smart phones.
There is also an infra-red system within the venue which can be used for assisted listening.

- Audio Description** The audio description facilities of the venue use both mobile connect and the installed infra-red system.
Audio description is conducted from the control room and is accessed via an XLR port for microphones.
Please contact us if you wish to use our audio description systems.