

Technical Specifications – Black Box

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1. General Information:

1.1. Equipment Set Up & Operation

All in-house equipment, including consoles, will be operated by Gateway Theatre staff. Concessions to this practice may be granted, under special circumstances, through prior consultation. Charges apply to equipment set up and operation.

1.2. Electrical Safety

All electrical equipment brought on site is expected to conform to local codes, be of good quality and good repair. Dubious equipment may be subjected to an Electrical Safety Test and Gateway Theatre reserves the right to disallow its use.

1.3. Power Supply

Local Power Supply:	230 volt single phase
Standard overhead fixture connector:	32 amp three phase
	16 amp single phase
Standard household connector:	13 amp

All equipment which are brought in by Hirers MUST be used together with MELCB - 13 AMP *

2. Audio & Video:

2.1. Mixing Console

D Live S5000 with 48 Input Channels	1 unit
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2.2. Playback

Tascam SS CDR 200 (Single)	1 unit
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2.3. Standard Rig

Front of House Speakers are rigged at a default location. Main FOH speakers are powered by EAW Anna adaptive System. All expenses related to modifying, removing and/or restoring the House Rig are to be borne by the hirer.

- Please check with Production Coordinator for more information.

*2.4. Microphones**

Gateway Theatre provides a standard quantity of microphones and transducers. Units may be requested subject to availability:

- Dynamic Microphones
- Condenser Microphones
- Direct Injection Box

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Use of wireless system (Wireless Handheld or Head worn)

- Do consult with the Production Coordinator should you require in-house wireless microphones
- At any one time, the total number of Handheld and Head-worn microphones that can be used is **6** units. Please discuss with the Production Coordinator for more information.

2.5. Communication *

- Intercom & Accessories: CC-300 Single-ear Standard Headset (4)
ClearCom Freespeak 1.9 GHz Beltpack (4)
- 5-Channel band digital wireless beltpack operating in the 1.88- 1.93GHz frequency band

2.6. Relay System

- Audio Show Relay
 - Video Show Relay
- Please check with the Production Coordinator for more information.

2.7. Video Equipment *

- Absen P3 HD LED Wall (72 cabinets) 6m X 3.375m
Sony MCS-8M (Multi-Format Compact Video Mixer from FOH)
- All contents for graphics to be in 1920 x 1080 format for video clips and JPEG files; Power point files are to be in 16:9 aspect and must be provided by hirer.

3. Lighting:

3.1. Production Lighting

Upgrades and other design changes may alter venue specifications over time. This information is subject to change without prior notice. Hirers are urged to ensure they are in possession of the most recent documentation. Specific requirements must be verified on a show-to-show basis.

3.2. Data Distribution

Interface: DMX 512 & ACN

3.3. Console

Computerized Lighting Control: GrandMA2 Light

3.4. Work Lights

General Work Flood Light (Non-Dimmable): 1 Standard Setting

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3.5. Dimmers

Strand Wall Rack 24 ways:	100amp
Individual Dimmer:	2.3kw / 230V
Available Dimmers for Incoming Lighting Rig: (2 dimmers used for houselights)	24

3.6. Others *

Haze Machine:	Tour Hazer II “SF” Black
Smoke Machine:	Smoke Factory Captain D

3.7. Standard Rig

Please check with Production Coordinator for the Standard Lighting Rig.

Moving Head

FINE 330 Beam

Moving Head LED Lights

FINE 600L Spot or Performance modules (Either):

- Spot – 2 rotating Gobo Wheel (6 Glass Gobos), 1 Fixed Gobo Wheel (9 Gobos) & 1 Animation Gobo Wheel
- Performance – 1 rotating Gobo Wheel, 1 Fixed Gobo Wheel, 1 Animation Gobo Wheel with Framing Shutter (Standard Model)

LED Lights

FINE 400T FS
FINE 1519 Pixie (300W)
FINE 1514 Zoom (Angle 9 – 45 degree)
FINE 1514 DG (Fixed Angle 8 degree)
FINE 172 DG (Strip Light)
FINE 2970W (Strobe Light)
FINE 400T Leko (Tungsten)
FINE 300C Leko (Colour RGBAM)

3.8. Gobos & Colour Gels List

Please check with the Production Coordinator for the latest Gobo stock and Colour Gel list. Changes may be made without prior notice.

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4. Staging:

4.1. Retractable Bleachers

Stage configuration:

Free Standing **207 Seats (9 Rows)	Black Box Dimensions: Stage Dimensions:	16.62 (W) x 16.65 (D) 16.62m (W) x 8.69m (D)
161 Seats (7 Rows)	Stage Dimensions:	16.62 (W) x 9.38m (D)

** Standard seating configuration is 207 seats. Additional charges apply to any other seating configuration; please discuss with the Production Coordinator for more information.

- Wheelchair Space is available
- All measurements are from wall to wall
- Above measurements exclude minimum safety distance clearance (1.5m) from the audience
- Above measurements exclude usage of LED with distance of 2m from wall

4.2. Loading Area

Black Box loading area is accessed via service lift located along Bukit Merah Central.

Dock Height from Floor:	3.2m
Service Lift Dimensions:	2.5m(L) x 2.3m(H) x 2.6m(D)
Lift Weight Loading:	4.6 Tonnes

- Service lift is shared by all levels

4.3. Floor

Material:	Thick Red Oak
Thickness:	50mm
Loading of Stage Floor:	5kN/m ²

4.4. Rigging Specifications

Normal Height from Stage Floor:	8m (under truss)
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- Suspension of any equipment other than in-house stock is subject to prior approval
- Please check with Production Coordinator for more information.

4.5. Draperies

Black Wool Serge:	16 pieces
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Black Wool Serge drape surrounding perimeter on fixed traveller tracks
(4.2m Width x 6m Drop – Top portion is netting & bottom portion is full drapes)

4.6. Dance Mats *

Harlequin DUO Plus (Black)	14m (L) x 2m (W) per roll
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4.7. Riser Platform*

NIVOflex

Surface Dimension:	2000mm (L) x 1000mm (D)
Surface Material:	Plywood
Overlay:	Carpeted Black
Platform Height (Adjustable):	200mm, 400mm, 600mm, 800mm

5. Other Information:

5.1. Dressing Rooms

Dressing Room 1	2910mm (W) x 3260mm (L)
Dressing Room 2 ⁺	2635mm (W) x 5355mm (L)
Dressing Room 3 ⁺	2520mm (W) x 4360mm (L)

- Dressing Room 1 is located at level 8 & + Dressing room 2 & 3 are located on level 9.
- Please check with Production Coordinator for more information.

5.2. Wardrobe & Laundry Services

There are no in-house wardrobe & laundry room facilities available. However, there are external alternatives to consider. External Laundry Services are as follows:

- 24 hours self-service coin laundry
HDB Redhill #01-63, 86 Redhill Close, Singapore 150086
9696 9115 (Mobile)
- Wonder Wash (24 hours)
Block 86 Redhill Close #01-592, Singapore 150086
9786 2038 (Mobile), info@wonderwash.com.sg (Email)
- Laundry Service Singapore (Pick Up / Delivery)
61 Kaki Bukit Ave 1 #03-05D, Singapore 417943
6692 1091 (Office)
- Dry Cleaning (Pick Up / Delivery)
5 Ang Mo Kio Industrial Park 2A Singapore, Singapore 567760
Christopher Lim - 8503 2609 (Mobile)
- Keep Calm & Laundry on (Pick Up / Delivery)
1 Irving Place #01-16 The Commerze @ Irving, Singapore 369546
9755 7119 (Mobile)
- Laundry Mart (Pick Up / Delivery)
1 Vista Exchange Green, The Star Vista #01-39A, Singapore 138617
9235 0274 (Mobile)

- For Sunday Pick Up & Delivery, advance booking is required.