Technical Data Sheet
Pentas 2
The Kuala Lumpur Performing Arts Centre (klpac)
Updated: 19th November 2024

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 Please note:
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1. General

Stage
Pentas 2 is a Black Box and wall-to-wall dimensions are 15600mm x 22400 mm, catwalk-to-catwalk dimensions are 12800mm x 19800mm. Seating is modular which allows configuration in any formation and capacity within the venue. There is no permanent control room in Pentas 2; a catwalk system is surrounded with 12 control system docking locations which can turn into lighting / sound control station or a stage manager prompt station.

Back Stage / Stand-by Area
There is a curtain system track along the catwalk line which is at least 1.2 meters from the wall surrounding the venue. This can be utilized as a standby area for actors to make entrances and exits.

Dressing Rooms
There are 3 dressing rooms for approximately 20 cast members, located at ground level and first level of stage left. Each dressing room includes showers and toilets.

Security
All visiting production personnel are advised to avoid leaving valuable personal assets in the theatre at all times. Technical equipment brought in by the visiting production can be stored and locked within the dressing rooms backstage and production office. All visiting production personnel are to make their way to the venue through Stage Door Security on the Ground Floor.

2. Staging

Loading Area
There are two loading areas for Pentas 2; one is located backstage with an opening of 1200mm wide and 2100 high. Another loading area is at the side of the black box facing the lawn with an opening of 2460mm wide and 2680mm high.

Stage Specifications
Floor

The stage floor has a black finish and is made of composite timber flooring. Minor drilling and nailing on floor are allowed with prior permission. Note also screwing up to only 2 inch is allowed into the floor. Bolting is not allowed. Productions are to make sure that all screwing marks are touched up during bump out. We allow only water based paints to be used on stage if painting is required. Please discuss this during technical meeting for approval. Visiting production are to repaint the whole stage during bump out. Matex matte black code #9103 is to be used for repainting.

Height from Stage Floor to
Ceiling	6950mm
Lighting Grid	5700mm
Catwalk	2660mm
Structural Beam (Vertical)	5730mm
Structural Beam (Horizontal)	6650mm

Rigging Specifications
Pentas 2 has a fixed box grid made of 50mm ø steel pipes, measuring 10 meter x 16 meter with 2 meter x 2 meter intersections. The box grid is mounted at 5700 mm height from the stage floor. It has a SWL of 100kg distributed load per meter run, and 50kg point load at any point.
Pentas 2 provides only scaffolding with wheels for more flexibility.
Also provided are 2 ladders- 15 steps (4000mm/13.5ft) and 9 steps (2500mm8.5ft).

Stage Rigging Equipment as below

*Drop Chain Black with SWL @ 150kg x 6 units

Draperies
The Theatre provides the following draperies as standard provision:

1. Filled Cloth Cyclorama in White @ 5m (H) x 20m (W)		1 pc
2. Velour Curtain in Black @ 5m (H) x 8m (W)		2 pcs

3. Stage Lighting

Dimmer and Outlet Distribution
The dimmer room houses 1 rack with total of 96 units of 3.3kw Strand Lighting CD80 dimmer and 192 outlets distributed in Neutrik PowerCon format. A dimmer to outlet patch panel is located in the dimmer room. A detailed distribution set-out can be provided upon request.

Lighting Console & DMX Distribution Network
Pentas 2 is equipped with the Strand Palette VL with DMX control (100 Channels only).

Production Lighting Inventory
The Pentas 2 lighting inventory consists mainly of Strand Lighting equipment, and some Selecon equipment. Specific quantities are as below:

1.2kw Fresnel	Strand Lighting - Cantata F	14 units
1.2kw PC	Strand Lighting - Cantata PC	12 units
Par64 (c/w CP60/61/62)	Kupo	10 units
19º ERS	Strand Lighting - SL 19	12 units
26º ERS	Strand Lighting - SL 26	12 units
36º ERS	Strand Lighting - SL 36	12 units
50º ERS	Strand Lighting - SL 50	8 units
*90º ERS	Selecon Pacific 90	4 units
15/32 Zoom ERS	Strand Lighting - SL 15/32	8 units
23/50 Zoom ERS	Strand Lighting - SL 23/50	8 units
4 x 1.25kw Ground Row	Strand Lighting - Orion 4	6 units
*1kw Follow Spot	USHIO	2 units

All Fresnel and PC fittings come with standard barn doors and color gel frames. Irises and gobo holders are available for SL and Pacific units. An assortment of gobos is available at additional cost, on a first-come-first-serve basis.

Other Accessories provided are follows:

Drop- Iris for profile fittings	6 units
"B" Size Gobo Holder for profile fittings	20 units
*Antari HZ-1000 Haze Machine	1 unit
*Antari low fog machine- Ice 101 series	1 unit
*Double Gobo Rotator – Apollo	4 units
*24 Inch mirror ball	Check for availability
*1.5KW Strobe	Check for availability

Color Gels
klpac provides a standard color gel selection from LEE Color. (Please request for list)

Lighting Stands
Pentas 2 have the following lighting stands available:

2 meter ladder stand	10 units
Floor plate	10 units

4. Sound System

Speaker
Pentas 2 is equipped with the following:

Speaker Inventory List

Meyer Sound UPA-1P	6 units
Meyer Sound UPM-1P	4 units
Meyer Sound UMS-1P	2 units
*Peavey Stage Monitors PV15PM	Check for availability

We do allow productions to replace the existing speakers above with the ones preferred. Time and manpower required to do so will be charged to production accordingly. Load is 100kg per meter span. Please speak to Technical Department.

Mixer
A MIDAS M32 Live 40 channel is stationed in Pentas 2 with 2 units of MIDAS DL16 stage boxes, and can be set-up and docked onto any of the docking stations along the catwalk or on the floor.

Microphones
An assorted selection of microphones is provided as listed below:

Microphone Inventory List
Handheld Microphone

Shure	SM58	7 units
Shure	SM57	10 units
Di Box(Active)Mono	Radial StageBug SB-1	3 units
DI Box(Active)Mono	Type 85 Countryman	4 units
DI Box(Active)Mono	Behringer Ultra DI-D100	1 unit
AKG	C-1000s	4 units
*AKG	C391B-blue line (6 units)	#Check for availability
*Shure	PGOMK6-XLR (6 pieces)	#Check for availability
*Audio Technica Boundary Microphone AT871R (8 units)		# Check for availability

<u>Wireless Microphone List</u>

*Mipro Wireless Receiver ACT-707 9units x 4   **#**Check for availability
*Mipro Wireless body pack transmitter with headset mic **#**Check for availability
*Mi-Pro Wireless receiver ACT-72 2units x 2   **#**Check for availability
*Mi-Pro wireless handheld mics ACT70H 4units   **#**Check for availability

Processor & Playback
There are also ad hoc playbacks and processor units available in an equipment rack, which can be placed next to the console. Details are as below:

*Digital Audio Analyzer Klark Teknik DN6000 **#**Check for availability
*Microphone Splitter   Klark Teknik DN1248 **#**Check for availability
*Loudspeaker Controller XTA DP 226   1 set
Dual CD Playback   Pioneer MEP- 4000   1 set

Intercom System
Pentas 2 provides a 1-channel party line intercom system with 4 wired intercoms. Area provided with intercoms are: Sound control, lighting control, video control and Stage manager's control. All dressing rooms are connected via the stage manager's control area for communication.

There is also wireless intercom. Please note that this intercom does not have panels. All 6 units are wireless. Details are as below:

*Wireless Intercom Hollyland Solidcom C1-6S 6 units **#** Check for availability

5. Others

* TV Monitor   Prism+ 4K 55"   2 Units **#** Check for availability

6. Contact Information

Assistant Technical Manager Mathan   mathan@klpac.org
Theatre Manager   Hazim   hazim@klpac.org

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