



THE KUALA LUMPUR  
PERFORMING  
ARTS CENTRE  
*Pentas Seni KL*

# Technical Data Sheet

## Pentas 2

### The Kuala Lumpur Performing Arts Centre (klpac)

Updated: 18<sup>th</sup> May 2022

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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 meter 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 casts, 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 only 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 a 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 |
| 19° ERS                | Strand Lighting - SL 19      | 12 units |
| 26° ERS                | Strand Lighting - SL 26      | 12 units |
| 36° ERS                | Strand Lighting - SL 36      | 12 units |
| 50° ERS                | Strand Lighting - SL 50      | 8 units  |
| *90° 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 fog machine- Ice 101 series       | Check for availability |
| *Smoke Machine – Disco FOG 1500           | Check for availability |
| *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 | 8 units |
| Floor plate          | 4 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 Yamaha QL5 32 channel is stationed in Pentas 2 without 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                                 | 6 units                |
| Shure               | SM57                                 | 6 units                |
| 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 |

## Wireless Microphone

|   |            |                        |
|---|------------|------------------------|
| *Mi-pro Wireless Receiver ACT-707                       | 9units x 4 | Check for availability |
| *Mi-pro Wireless body pack transmitter with headset mic |            | Check for availability |
| *Mi-Pro Wireless receiver                               | ACT-72     | Check for availability |
| *Mi-Pro wireless handheld mics                          | ACT70H     | 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 managers control area for communication.

## **5. Others**

|                       |                        |
|-----------------------|------------------------|
| * Pioneer DVD Players | Check for availability |
|-----------------------|------------------------|

## **6. Contact Information**

|                   |                   |                    |
|-------------------|-------------------|--------------------|
| Technical Manager | Mike Thomas       | mike@klpac.org     |
| Theatre Manager   | Lawrence Selvaraj | lawrence@klpac.org |

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