

Weston Studio Technical Specifications

Address Bute Place, Cardiff Bay, Cardiff CF10 5AL

Website www.wmc.org.uk

Weston Studio Manager

Emil Owens

Email: emil.owens@wmc.org.uk

Tel: 02920 634630

WMC Technical Director

Martin Hunt

Tel: 029 2063 6419

Mobile: 07971 637483 email martin.hunt@wmc.org.uk

Seating 207 – 253 (Retractable bleacher seating plus floor level seating)

Overall Studio dimensions 16.0 m x 20.0 m

Stage

Depth (with 207 seats) 9.5 m (8.5 m setting line)

Depth (with 253 seats) 7.5 m

Width 16.0 m 12m with Legs

Height to tension wire grid 9.3 m

Control Room for Lighting, Sound and Communications at level 2 above studio to left of audience, however lighting and sound is usually operated from the technical area at the rear of the seating block.

Drapes

1 x black serge border, ungathered 1.5m x 16m with pocket

3 x pairs of black serge legs, ungathered, 8m x 2m

Pair of travellers black serge 9m x 8m 50% fullness – with tab track

The usual configuration for drapes in the studio is the black tabs rigged 1m from the Upstage wall on a section of truss on a tab track with a border rigged in front.

The stage area is covered with a matt black harlequin cascade floor; the floor underneath this is unpainted hardboard. It is not possible to paint the floor in the Weston Studio. If you need a painted floor, please provide your own floor cloth.

Lighting Control

ETC ION – 2000 channels to 160 dimmers; soft patch of channels/dimmers. Control output DMX and Ethernet (ETC Net 2). Includes wireless riggers remote control facilities.

DMX tie lines around the space & Moveable Nodes.

Dimmers and power

ETC Sensor+ dimmers. 48 x 2.5kw + 12 x 5kw circuits at grid level (level 3), 36 x 2.5kw + 6 x 5kw circuits on level 2 balconies, 16x 2.5kw + 4x5kw circuits on level 1 balconies, 40x 2.5kw + 8x 5kw circuits at stage level.

8 x 3kw non-dim circuits – DMX controllable or via dedicated control panel

Many 15amp independent circuits and 13amp technical power outlets around studio.

Touring power

1 x 125amp 3 phase ceeform, 2 x 63amp 3 phase ceeform, 3 x 63amp single phase ceeform + 1 x 63amp single phase ceeform with clean earth for sound equipment located on first balcony stage right side.

Lighting equipment

24 x Source four 36 degree profiles

18 x Source four Zoom 25 -50 degree

27 x Fresnels Selecon 1.2kw

20x Parcans CP62 standard CP61/60 Available

20 x iris for source 4



Additional Lighting equipment may be available please contact the technical manager for details.
 Large tallelescope available, most lighting rigging and focussing can be achieved without this, as access to lighting bars is easy due to the **Tension Wire Grid @ 9.3 m** above the stage.

Sound Control

Yamaha LS9 16 channel with 8 channel Analogue input card
 12 channel Q-Lab System available on request

Projector

1 x Sanyo PLC-XM150L XGA 6K projector fixed to DS wall

Main Speakers

D&B E12 Left and Right Powered by D6 amp
 D&B E12 & E12D Centre Cluster Powered by D6 amp.
 D&B E15x SUBS Left and Right, Powered by D12 amp
 D&B E3 x 2 rigged on Level 1 balconies for fold back

Tie lines – Multiple mic lines to all areas of the stage and auditorium, all are patchable to the desk via a GPO patch bay in the control room.
 Speakon tie lines available to most areas of the stage and auditorium (NB only +1 and -1 connected 6mm core).
 Composite video outlets on stage and in the auditorium, fully patchable with in-house distribution amplifiers.
 A wide range of stands, multicores, stage boxes and cables are available.

Rigging

5 x 250kg CM Prostar chain motors with 1 ton beam clamps
 5 x 1000kg Chainblocks
 A suspended steel I-Beam grid covers the whole space at 11m from the ground divided into 2m x 2m squares
 Please contact for more information

4 spare channels of amplification for foldback available - 4 x D&B Max 15 speakers for foldback, please check with the studio manager for availability.

Additional sound equipment available for a charge, please ask for details and availability:

Microphones	Radio Microphones
10 x AKG SE300B powering unit	6 x Shure UR1D belt packs
10 x CK91 cardioid capsule	6 x Shure UR4D+ Channels
4 x CK98 rifle capsule	3x UR2 beta 58 Shure Handhelds w/ 1x 87A Head
4 x Shure Beta 58A	10 x MKE2
4 x Shure Beta 57A	3 x countryman B3s
5 x PCC 160 Float mics	2 x DPA 4066 boom mics
4 x Shure MX412 lectern mics	Shure BLX 2 Channel Radio mic system
3 x AKG 414	Other items
1 x Shure Drum mic set (3 x PG 56, 1 x PG52) with clips	4 channels of XTA 31 band graphic Eq
15 x boom mic stands , 8 x low stands	
4 x clamp mic arms , 4 x stereo bar	

Additional equipment available for hire please check with Weston Studio Manager for availability

Staging	Rigging
60 X 2m x 1m Metrodeck	8 x 3m Thomas 30.5 Superlite truss
4 X 2m x 0.5m Metrodeck	10 x 3m Milos 290V Trio truss.
2 X 1m x 1m Metrodeck	4 x Corners for Milos 290V Trio truss
Legs for above staging, sizes 250mm, 500mm, 750mm, and 1000mm. Other sizes available on request.	7 x 1 ton load stars.
4 x 1000mm high treads, 4 x 500mm high treads	Various rigging for the above items (Please phone for specific details about rigging in the Weston Studio)

Stage Management Control

Prompt desk - Communications to all parts of studio via techpro 2 channel wired system, 8 cue-light system, calls system, whites master
Wardrobe – wardrobe facilities may be available, plumbing for two touring washing machines

