

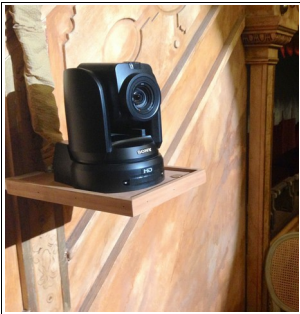
SANDS FILMS MUSIC ROOM

SOUND STAGE & THEATRE SPACE TECHNICAL SPECIFICATIONS

January 2021

Full HD Multi Camera Video Recording

VIDEO CAMERAS



5 x Sony BRC-H800 remote controlled full HD video cameras
LENS: Zeiss Vario-Sonnar T*f/2.8 – f/4.5 telephoto zoom
12x optical zoom (35mm equivalent: 29mm – 348mm)
Sensor – 1”type Exmor R CMOS.
Full pan/tilt/zoom capabilities, silent operation
Complete flexibility of camera placement in theatre space



- Up to 5 cameras simultaneous recording operated and monitored by a single operator in separate gallery
- Option to output single video file of live vision-mix of up to 5 cameras including shot transitions and audio whilst simultaneously up to 5 x Blackmagic recorders capture raw footage for editing
- Live streaming to YouTube / Facebook etc available
- Multicam operator and data transfer available on request



Remote operation of 5 x Multicam System at Sands Films

VIDEO RECORDERS

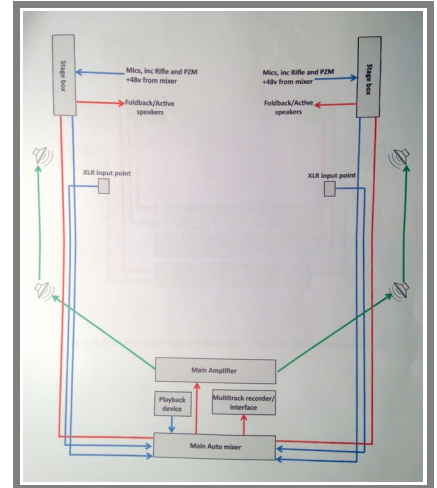
- Multicam Studio System records simultaneously on up to 5 individual Blackmagic Hyperdeck Studio recorders capturing footage at broadcast quality.
- Video spec: Full HD 1920x1080 @ 25/50fps
- Codec: ProRes 422 HQ generating 83GB/hr, target data rate 184Mb/s (@25fps)
- Over 3hrs continuous unbroken full HD recording available across 5 recorders at highest res.
- Blackmagic recorders capture video and reference audio track onto SD card
- Sands Films Studios can provide up to 10 x SD cards and write files to a portable HD if required
- Recommended minimum SD card grade: 128GB U3 Class 10

- Sands Films Studios offer a comprehensive video editing service for Multicam footage – please enquire.

SOUND SPECIFICATIONS

- Sands Films Studios offers a fully integrated 16 channel audio mix for playback / recording purposes
- Professional grade BOSE amplifier and loudspeakers
- A full range of freely positionable microphones is available for coverage of a wide variety of applications.
- Onstage foldback/monitoring
- Playback from laptop/USB drive/SD card or almost any device from stage or from sound booth

The sound system is set up to subtly augment acoustic music/voices through light amplification. If a “full PA” is required please discuss at time of booking.

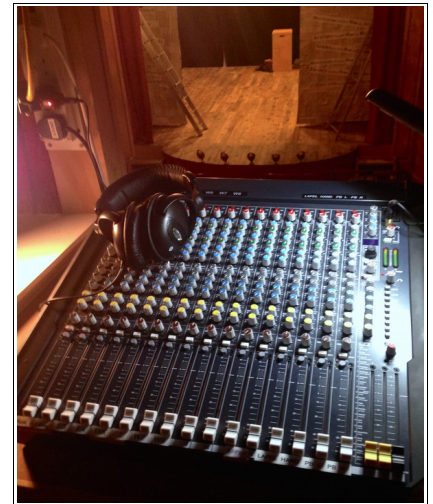


SOUND MIXING CONSOLE

- Allen & Heath MixWizard WZ4 16:2 providing 16 mono mic/line inputs and 2 stereo return inputs
- Each channel with 4 band EQ / 100mm faders
- 6 aux sends / built in effects with adjustable parameter control
- USB 2.0 output card allowing mixing desk to be linked to a computer for multitrack recording
- Dedicated sound console operator available on request

PLAYBACK / MONITORING / RECORDING

- BOSE Freespace IZA250-LZ Integrated Zone Amplifier into 4 x BOSE DS540 Loudspeakers (wall mounted)
- 2 x Yamaha MS101 MkII powered loudspeakers (fully portable) for monitoring/foldback
- Gemini DRP1 Digital Rackmount Mono/Stereo Recorder records onto USB drive or SD card as mp3/WAV
- USB 2.0 output from sound console allows connection to computer for multitrack recording
- Sands Films Studios can record multitrack audio from the desk into a dedicated Garageband Project on request



MICROPHONES

- 3 x AKG C414
- 1 x Sennheiser MKH416 Supercardioid 'shotgun' condenser
- 4 x Rode NTG2 directional condenser 'shotgun'
- 2 x Sennheiser E835 dynamic vocal
- 1 x Crown PCC160 Boundary condenser 'PZM'
- AKG D25 dynamic microphone
- Sennheiser ew100 G3 Wireless System – option for any two radio mics to operate concurrently:
 - SK100 body pack/lapel microphone
 - SKM100 radio mic (handheld/stand) with e835 dynamic vocal capsule
 - SKP100 G3 plug-on transmitter (with E835 dynamic vocal microphone, above)
- Mic stands, Music stands etc

Piano Keyboard – Yamaha Clavinova PF Model P100

88 full size weighted/touch sensitive keys /10 voicings / foot pedal / standalone or playback via house PA.

LIGHTING & PROJECTION



Sands Films Studios theatre space is equipped with a fully programmable 48 channel FLX Zero88 lighting console controlling 34 adjustable LED lighting fixtures via DMX512.

Full RGBWA colour range available on 28 LED fixtures.

Silent and heat-free operation

Basic stage fill lighting presets available via stage box controller.

FLX lighting console affords the flexibility to preset and cue any number of lighting set-ups for operator-triggered playback.

Trained dedicated lighting operator available on request.

LIGHTING FIXTURES

28 core fixtures – all bar-mounted with fully adjustable position/orientation:

- 8 x Philips Selecon PLProfile1 MkII LED Luminaires – true RGBW 150W – adjustable throw/focus
- 8 x Philips Selecon PLCYC1 MkII LED Luminaires – true RGBW 120W >2000 Lumens for intense wash
- 4 x Philips Selecon PLFresnel1 LED – true RGBW 150W – soft edge cone light
- 8 x LEDJ Intense 9P10 RGBWA LED Slim Panel – soft edge cone light
- 3 channel DMX linked house lights

Additional Lighting

- 4 x GK-1040AS LED Panel lights:
- 64W temperature adjustable / tripod or bar-mounted / DMX, manual or remote control available

Productions may bring additional lighting and utilise in-house DMX by arrangement.

DIGITAL PROJECTION

- Panasonic PT-AE 4000E LCD projector @ 2000 Lumens
- Back projection screen 16ft x 8 ft (480cm x 240cm)
- Audio playback via in-house BOSE sound system (as above)

Productions may bring in own projector/screen by arrangement.