



Technical Specifications

Cameras

Lights

Production gallery

CAMERAS

Studio cameras and lenses are supplied as required but up to 7, including a jib, can be accommodated.

The current configuration includes:

- Five Sony BVP950 cameras with motorised filter wheels
- One Sony DXC390 high res mini camera for locked off shot
- Two Vinten Quartz studio pedestals
- One 17ft Jimmy Jib
- Three Canon 20:1 lightweight lenses with full remotes
- One Canon 18:1 lightweight lens with full remotes
- Two Canon 8:1 wide angle lenses with full remotes
- Four Sony BVF55 high res viewfinders
- Six Trantec S5000 personal radio mics
- Two Trantec radio stick mics
- Six line personal mics
- Band practical and dummy mics
- Two Trantec presenter radio in-ear monitoring kits fed via 4-way mixers
- Four floor monitors on trolleys
- Floor foldback system for presenter and interview areas
- Two channels of radio talkback (one for production and one for engineering)
- Twelve Motorola GP300 walkie talkies with headsets
- Four studio wallboxes with vision and audio tielines and camera triax points

LIGHTS

There is a fixed light rig consisting of the following:
LIGHTING GRID

Ground support truss with cross bars and drop

Arms DMX distribution, and general power in wall boxes

LAMPS

- 8 Strand auturo 2.5kw softs - pole operated
- 16 Strand studio 24kw fresnel - pole operated
- 30 Strand studio 1kw fresnel - pole operated
- 16 Strand bambino 600w fresnel
- 9 Strand SL 23°/50° profiles + iris plates
- 10 ADB 2 channel cyc units
- 11 Strand 4way / 500w Coda ground row units
- 14 Silver short nose Par Cans
- 15 Black short nose Par Cans
- 8 Black short nose Par Cans for hanging
- 5 Strand Coda 560w superLamps
- 1 Red Head kit
- 2 Low Boy strands
- 4 Flag strands
- 16 Magi arms + super clamps
- 4 Gaffer clamps

Lighting console

Strand Lighting

300 series memory 600 console with 24 submaster and designers remote

Dimmers

154 ADB 34w dimmers

PRODUCTION GALLERY

- Production monitor stack with 17" monitors and 20" grade 1TX and preview monitors
- Under monitor displays for the production monitor stack
- Talkback panels for Director, PA, Producer and Executive Producer
- Four way mixers for Director and PA for presenter pre-hears
- Vision monitoring of camera sources for vision racking position
- High grade vision monitor and waveform monitor for vision monitoring position
- Audio monitoring
- Remote interface for cue-dot generator
- Sony 7350 Vision mixer
- Aston Ethos with V.I.P caption generator
- Studio clock

VTR

- One Edifis dual channel hard disc recorder providing either one record and one playback channel or two playback channels. Fitted with 4 hours of uncompressed storage and remote control panel and browser interface.
- 4 Sony DVW A500 digibeta recorders
- Three vhs recorders
- Vision and audio monitoring

SOUND

- Calrec 48 channel sound desk
- Mini-disc recorder
- DAT recorder
- Dual Neve compressor/limiters for main desk output
- Six further compressor/limiters for desk sources
- Quartz 32x32 stereo audio matrix
- CTP systems talkback system with panels for production, MCR, sound, VTR and vision
- Four wire inputs to/from BT Tower and remote satellite truck
- Dual ISDN terminal adapter and codec for BT Transmission wires
- Telephone hybrid for remote satellite comms circuits
- High quality PPM monitoring
- Genelec active studio monitors

MCR

- Quartz 64x48 sdi vision router
- Crystal vision A to D and D to A converters
- Synchronisers for two incoming remote feeds

- Grade 1 vision monitoring of incoming and outgoing vision and audio circuits
- Sdi cue dot generator
- Sdi arc for archive material format conversion
- Dual spgs with auto changeover
- Off air receiver for terrestrial reception
- Cat 5 termination panels for gallery data feeds and phone circuit distribution within the technical areas

EDIT SUITES

Two air-conditioned on-line Avid suites form the backbone of the post-production facilities at Cactus. The principle edit suite, Avid 1, includes a Symphony Version 3 whilst Avid 2 contains a media composer 9000 version 10.5. Both suites have the capacity to store up to 5 hours of material and each room contains Digibeta and DV play-in and record machines plus three state-of-the-art monitors. For sound purposes, they both have a Yamaha 03D 24- track sound mixing desk and voice-over capabilities. Avid 1 and Avid 2 are linked to both the live studio gallery and to the Editbox Graphics suite.

EDITBOX

This graphics machine is a 7-layer Editbox that has 2 hours storage and Mac-graphics scanning capabilities. It is linked directly to both Avid suites and the live studio gallery. The ultra-modern call centre allows up to 18 operators to take calls at any one time. The system is one of the most sophisticated in the UK and includes a 'stacking' capability that allows up to 65 people to be kept on 'hold'. These callers hear recorded messages that are constantly updated as the caller gets further up the queue. The phone room is wired directly into the studio allowing up to six callers to speak live on air at any one time. Outside working hours, an automated message- taking facility is available.

THE PHONE ROOM

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