

Chapel FM Technical Specification

Studio 3/Radio Theatre

Sound Specification

Console: Behringer X32 with XUF expansion card
Patched as follows:
24 mic/line inputs at stage box 1 (1-16) and stage box 2 (17-24) on XLRs
8 inputs from XUF expansion card connected to Mac Mini (see playback / recording section)
4 monitor outputs: 1&2 at stage box 1, 3&4 at stage box 2 **on balanced ¼" jack sockets**
4 FOH outs – L & R front, L & R rear – feeds Behringer CX3400 Super-X Pro Crossover into bi-amped PA
1 stereo out to broadcast system

Loudspeakers & Amplification:

2x Mid/Top Speakers (front): The Box Pro Achat 804
2x Mid/Top Speakers (rear): The Box Pro Achat 404
2x Subs: The Box Pro Achat 112 Sub
3x Crown XLi 1500 Power Amplifier (one for fronts, one for rears, one for subs)

Playback/Recording:

1x Apple Mac Mini with ProTools 11 – 8 channel output via interface to X32
1x IMG Stageline CD-262 DJ Professional Dual CD Player
1x Laptop with Blu-Ray & DVD player
1x Beyerdynamic DT Headphones

Microphones: 7x SM-58
3x SM-57
4x XM9
1x XM3
1x D112
1x SM7B
3x NT2-A
1x AT4033A
3x M58
3x C1000S
3x NT3
2x MKH-416
1x ECM-66B
1x AT-8531

DI Boxes: 3x ULTRA-DI DI20
1x ULTRA-DI DI400P
2x Sound LAB GO25N
1x Zdirect DI Box

Mic Stands: 12x K&M 21090 tall telescopic boom stands
4x K&M 25950 short telescopic boom stands
8x misc lower quality tall stands
4x misc lower quality short stands

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Monitors:

- 2x RFC HD-10A Monitor (active)
- 2x ST audio CD-12p Monitor (active)
- 1x Yamaha Side Fill Monitor (active)

Backline:

- 1x Drum kit - shells and hardware, snare, basic set of cymbals & drum stool
- 1x Bass Amp – Fender RUMBLE 75
- 1x Guitar Amp - Fender P295
- 1x Guitar Amp - Marshall MG 30 DFX
- 1x Guitar Amp - Orange CRUSH 35LDX
- 1x Yamaha 88 note keyboard
- 1x Casio 88 note keyboard

Lighting Specification

- 1x DMX control desk – Zero 88 FLX S24 – Touchscreen colour mixing, 24 faders
- 8x Chauvet COLORdash Par-Quad 18 (RGBA LED washes flown in the rig - see plan)
- 8x Chauvet COLORdash Par-Quad 7 (RGBA LED washes flown in the rig – see plan)
- 4x Chauvet COLORdash Par-Quad 18 (in the store for floor positioning on floor stands)
- 2x Chauvet Intimidator Spot 375Z IRC moving head light with 10-23 degree zoom
- 1x Chauvet Hurrigan Haze 1DX

AV Specification

Projection:

- 1x Panasonic PTEZ570E AUK Projector flown above the desks position in the rig
- 1x 3.5m viewing area electric screen 16:9 at the up-stage position

Video:

- 3x remote controllable Datavideo PTC-100 cameras
- 1x Panasonic Remote Camera Controller AW-RP50
- 1x Streaming hardware box
- 1x Hyperdeck studio software
- 1x Roland 40HD vision mixer

Miscellaneous

Comms:

- 1x Tecpro single circuit wired comms system with 1 headset in studio 3, linked to desktop intercom units in studios 1 and 2 and the open space area