



THE WITCHWOOD

LIVE MUSIC VENUE & BAR

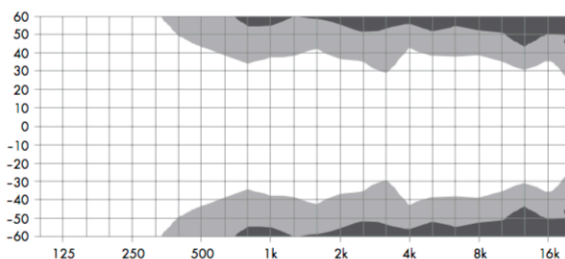
Audio Technical Specifications

FOH

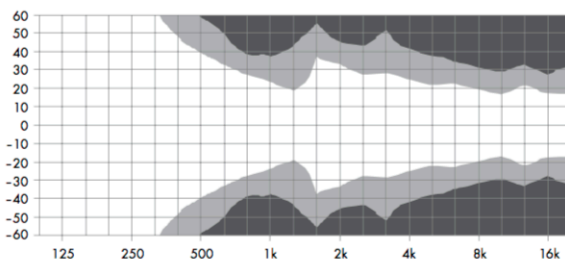
The Witchwood holds a D & B, C series speaker system consisting of:

- 2 D&B, C7 Tops – 138db maximum SPL at 1m free field
- 4 D&B C7 Subs – 135db maximum SPL at 1m free field
- Running from 2 D&B P1200A Amplifier – 2, 600w channels into 4ohms – 2, 400w into 8ohms

C7 Tops – Running D12 Amplifier



C7-TOP and Ci7-TOP horizontal dispersion characteristics²



C7-TOP and Ci7-TOP vertical dispersion characteristics²

System data

Frequency response (-5 dB)..... 68 Hz - 18 kHz
 Max. sound pressure (1 m, free field)¹
 with D6..... 134 dB
 with D12 138 dB
 with D80 138 dB
 Input level (100 dB SPL/1 m) -19 dBu

Loudspeaker data

Nominal impedance.....8 ohms
 Power handling capacity (RMS/peak 10 ms) 200/800 W
 Nominal dispersion angle (h x v) 75° x 40°
 Components 15" driver / 1.5" compression driver
 passive crossover network
 Connections
 C7-TOP..... 2 x EP5, optional 2 x NL4
 Ci7-TOP..... 1 x NL4
 Weight.....
 C7-TOP (incl. wheels)52 kg (117 lb)
 Ci7-TOP.....50 kg (110 lb)

C7 Subs Running D12 Amplifier

System data

Frequency response (-5 dB).....44 Hz - 140/100 Hz
 Max. sound pressure (1 m, free field)¹
 with D6..... 131 dB
 with D12 135 dB
 with D80 135 dB

Loudspeaker data

Nominal impedance.....8 ohms
 Power handling capacity (RMS/peak 10 ms)400/1200 W
 Components 18" driver
 Connections
 C7-SUB..... 2 x EP5, optional 2 x NL4
 Ci7-SUB..... 1 x NL4
 Weight.....
 C7-SUB (incl. wheels)49 kg (117 lb)
 Ci7-SUB.....45 kg (110 lb)

The FOH & Monitor audio mixing desk

The Witchwood holds a single Soundcraft SI Compact 24 that is used for FOH & monitor mixing simultaneously. The Soundcraft specification information's is as follows:

- Compatible with Soundcraft ViSi Remote
- 22 physical faders
- 24 mono inputs
- 4 stereo channels
- 14 sub-group / aux busses/outputs
- 4 FX busses
- 4 Matrix busses
- LRC Mix busses
- 4 Stereo Lexicon Effects engines
- Delay on inputs and outputs
- 4 Mute Groups
- AES in and out
- 4 analogue insert send-return loops
- Harman HiQnet integration

The FOH is currently run on 2 stereo matrixes, one for stereo, tops and one for stereo subs.

The 24 mono inputs are routed to the onstage 24in 8out multicore.

Monitoring

The Witchwood owns in total five monitors, which are as follows:

Active WAudio SM15A

Three Active WAudio SM15A can be placed anywhere on the stage and the technical data for these wedges are:

- One 15" LF Driver
- One 1" HF Compression Driver
- 126db maximum SPL at 1m
- Frequency range of 60hz – 20khz at -3db
- Crossover at 1.5khz
- 90 Degree Dispersion vertically & Horizontally



Passive OHM LX- M

Unfortunately I do not have any information on these speakers.

Microphones

Beneath you will find a list of microphones that the Witchwood can offer.

- 4* SM57
- 4*SM58
- 4*E845
- 1*Shure PGA Drum Pack
- 1*AKG Drum Pack - AKD112*1 – AKGP4*3 2*AKG Overheads

Power

Onstage there are 12 13A sockets on the back wall. 4 13A sockets on stage left and one 13A socket on stage right

ANY PROBLEMS OR QUESTIONS DON'T HESITATE TO CALL

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