

STINGRAY AUDIO

The 'Stingray' is a four way stack delivering audio from 34Hz to 20kHz via four drive elements in purpose built cabinets. The foundation of the stack is a front loaded vented enclosure housing a single 18" driver with 4" voice coil which operates from 34Hz to 120Hz. Power handling is 600 watts r.m.s although transient peaks of up to 1500 watts can be comfortably managed.

Above this unit is a pair of interleaved trapezoidal cabinets each housing a 12" driver. This element handles low-mid energy in the 120-600hz range with a wide frontal dispersion characteristic. Power handling is 400 watts r.m.s per side.

Sitting atop the low-mid element on each side is a B&C Italian made co-axial hi-mid/high 8" + 1" driver in a reflex loaded birch ply cabinet mounted on a walnut baffle dating from 1949. This driver is normally deployed in full range enclosures, but here is relieved of low frequency reproduction which combined with copious amplifier headroom allows for great point-source clarity. Operating from 600Hz to 20kHz, this element delivers excellent imaging when presenting stereo material and excels in the critical bandwidth governing the intelligibility of vocals.

Power handling is 120 watts r.m.s. The subwoofer/mid clusters are actively crossed over using BSS processing whilst the co-axial element is fed via a German made passive crossover.

TECH SPEC

MAIN P.A.

2 X 'STINGRAY' CUSTOM 4-WAY STACKS (see separate documentation) 1.2 KW per side
Downfill: 2 x modified QSC AD-S82. Upgraded with SEAS tweeters and improved crossover network.

Amplification by QSC. Speaker management/processing by BSS.

LIVE EQUIPMENT:

F.O.H. console – Yamaha MX 12-4 (8 mono/2 stereo inputs)

Lexicon MPX 500 multi-effects processor

1 x Shure Beta 58a

1 x Audix i5

2 x Beyerdynamic M300 N

1 x AKG D112

1 x BSS Ar-133 active direct injection box

1 x Radial J48 active direct injection box

4 x telescopic boom stands

2 x Yamaha 2-way monitor wedges, powered by QSC amplification

Rane GE60 graphic equalizer over the monitors
16 way (12 in/4 out) multicore