

S O U N D P R O J E C T S

SP2-10



The sound reinforcement system shall hold two low-weight neodymium 10-inch drivers on a horn, powered by a 1000W amplifier. The maximum peak output of the total system shall be 132dB at 1m. The system shall reproduce the 60-250Hz frequency range. The systems coverage angle shall be omni-directional.

The cabinet shall be constructed of cross grain laminated multiplex, covered by a protective 2 component polyurethane coating. The total system weight including amplifiers and audio control shall be 76 kg only. It shall have an IEC XLR-3 audio in and output connector and a powercon in and thru mains connector.

The system shall be a self-powered design holding its own protective audio logic control electronics and amplifiers within the cabinet.

Acoustical specifications:

- Drivers: 2 x 10" high power, low weight, neodymium design.
- Freq. response: 60-250Hz/FR (switchable)
- Max. peak SPL @1m: 136dB c.f. 2 (6 dB)
- Coverage angle: configuration depending

Electrical specifications:

- Amplifier(s): MA1000™ technology
 - Output: 1000W sine (DALC limited)
 - Low pass 4th order: 250Hz/FR
 - Filter subsonic: 60Hz, 2nd order
 - Input impedance: 20 kOhms balanced, 10 kOhms unbalanced
 - Output impedance: hard-wired to input
- *Power consumption.*
- Mains voltage: 230V (other on request)
 - Mains frequency: 50/60 Hz
 - Idle: < 50VA
 - Full load: 750 VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

- *Protection*
- S.A.L.C. (Single AudioLogic Control)
- Protection threshold: +4dBu
- Transient (soft power-up)
- DC-voltage short-circuit
- LED indication: power-on/ signal/protect/switch (60Hz/FR)

Additional descriptive data:

- Cabinet construction: cross grain laminated multiplex
- Finish: Nano-armor™ coating
- Weight: 76 kg
- Size WxHxD (mm): 600x600x800 (928)
- Rigging points: Easy-Rig™
- Audio connectors: IEC XLR-3 in/out
- Main connectors: powercon in, powercon out
- Max. operating temp.: -10 to 40 C ambient

Specifications subject to change without notice

