

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

SP15E



The sound reinforcement system shall hold one long excursion 15-inch driver, powered by a 2000W amplifier. The maximum peak output of the total system shall be 130dB at 1m. The system shall reproduce the 30-60Hz 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 50 kg only. An IEC XLR-3 audio in and output connector and a Powercon in and thru mains connector shall be standard. An optional protective front cover/dolly shall be available.

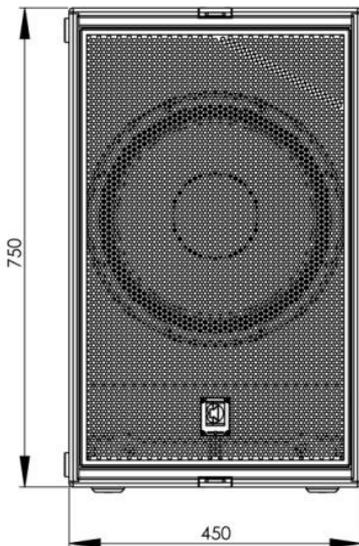
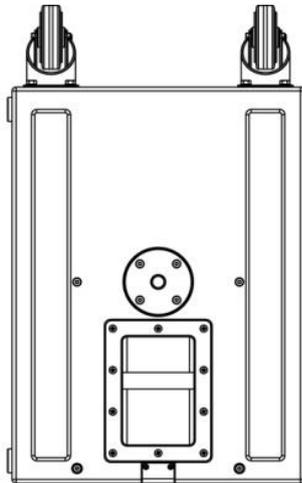
The system shall be a self-powered design holding its own protective audio logic control electronics and amplifiers within the cabinet.

Acoustical specifications:

- Drivers: 1 x 15" High Power, Low distortion, long excursion design.
- Double, impregnated spider and ventilated coil gap for reduced power compression.
- Freq. response: 30-60/100Hz (switchable)
- Max. peak SPL @ 1m: 130dB
- crest factor 2 (6 dB)
- Coverage angle: omni-directional

Electrical specifications:

- Amplifier(s): CCD™ technology
- Output: 2000 W sine (DALC limited)
- Low pass 4th order: 60/100Hz
- Filter subsonic: 30Hz, 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: 1200 VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

Protection

- S.A.L.C. (Single Audio Logic 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: 50 kg including castors
 - Size WxHxD (mm): 450x750x620 (748)
 - Rigging points: Optional Uni Rigging
 - 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

