

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

X-tender



The sound reinforcement system shall hold a 1.4" HF driver coaxially mounted on a low-weight neodymium 15" driver. Powered by a 1200W and 300W amplifier, the maximum peak output of the total system shall be 132dB at 1m. The system shall have a 50Hz-20kHz frequency range. The systems shall have a spherical coverage angle of 80 degrees with a soft roll-off.

The cabinet shall be constructed of cross grain laminated lightweight multiplex, covered by a protective 2- component polyurethane coating. The total system weight including amplifiers and audio control shall be 18kg 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: 1 x 1.4", 1 x 15" high power, low weight, neodymium design
- Freq. response: 50Hz-20kHz
- Max. peak SPL @1m: 132dB c.f. 2 (6 dB)
- Coverage angle: 80 spherical, soft roll-off

Electrical specifications:

- Amplifier(s): CCD™ technology
 - Output: 1200W sine (DALC limited)
 - Crossover: 1.3 kHz, 4th order
 - Filter subsonic: 50Hz, 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: 1400 VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

- *Protection*
- D.A.L.C. (Dual AudioLogic Control)
- Protection threshold: +4dBu
- Transient (soft power-up)
- DC-voltage short-circuit
- LED indication: power-on/ signal/protect

Additional descriptive data:

- Comfortable single-hand carrying handle
- Cabinet construction: cross grain laminated multiplex
- Finish: Nano-armor™ coating
- Weight: 18 kg
- Size WxHxD (mm): 450x320x540
- Rigging points: Fixing points M8 for flying bracket / pole mount (optional)
- 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

