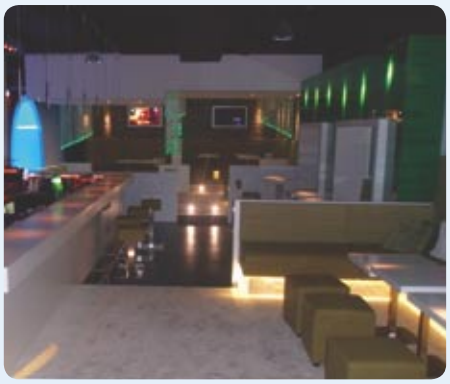
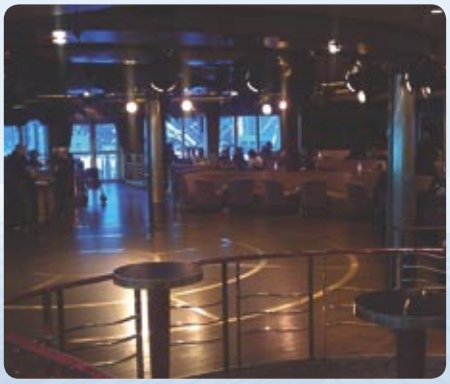
S-SERIES

Bi-amplified installation subwoofers





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PRESENTATION

The Prophon S-Series was designed as a series of high power low frequency installation subwoofers for use in live applications and for recorded music. The design is front loaded tuned bass reflex for reproducing natural sounding, controlled low frequencies. The powerful low frequency drivers have been developed to satisfy the high demands put on today's subwoofers in performance, power handling and Max SPL. This has been ensured using double spider technology, reinforced cone structure, and vented magnet assembly.
The cabinets are manufactured from heavily reinforced 19 mm. Medium Density Fibreboard, using high precision fully computer-controlled CNC-machines, and painted with a specially developed two-component hardened paint.
The woofers are protected by a fully covering, 1,5 mm thick, perfored steel grille and a speaker foam, both with minimum air flow resistance and acoustic interference.
All models in the S-series comes in two versions, where the only difference is the power handling, making the S-series extremely versatile in projecting and installing.

FEATURES

- High power installation subwoofers featuring two versions of each speaker, with different power handling.
- Painted with two-component hardened lacque.
- Built with 19 mm. heavily reinforced medium density fibreboard for minimum cabinet vibration.
- 1,5 mm. protective perfored steel grille with speaker foam.
- Custom woofers for best performance.
- Neutrik speakon input and link out.
- Frontloaded tuned bass reflex construction for optimal frequency coverage.
- High max SPL, low distortion.
- Tuned for reproducing low frequencies with perfect cone control.

APPLICATIONS

- Bars and restaurants.
- Nightclubs and discoteques.
- Conference centres.
- Cruise ships, theme parks and leisure facilities.
- Live stages.
- Theatres and concert halls
- Work-out centres, aerobic-rooms and spinning-rooms
- Schools and other public address environment

Technical specifications S-Series installation subwoofers

Model	Construction	Frequency range -6dB	Sensitivity (1w / 1m) open space (4pi) Half space (2pi)	Nominell Impedance	Power handling	Max SPL dB@1m. cont.. / Peak*	Size / cm. H x W x D	Low frequency driver	Voice coil diameter	Color
S12L	Bi-amplified bass reflex	45 - 500Hz	95 dB 98 dB	8 ohm	450W RMS 900W cont..	125 dB 133 dB	50 x 40 x 35	1 x 12" 320 mm.	3" 76 mm.	Black / white
S12	Bi-amplified bass reflex	40 - 500Hz	95 dB 98 dB	8 ohm	1000W RMS 2000W cont..	128 dB 137 dB	50 x 40 x 35	1 x 12" 320 mm.	4" 100 mm.	Black / white
S15L	Bi-amplified bass reflex	35 - 400Hz	99 dB 102 dB	8 ohm	550W RMS 1100W cont..	129,5 dB 138,5 dB	60 x 48 x 54	1 x 15" 400 mm.	3" 76 mm.	Black / white
S15	Bi-amplified bass reflex	35 - 400Hz	96 dB 99 dB	8 ohm	1000W RMS 2000W cont..	129 dB 138 dB	60 x 48 x 54	1 x 15" 400 mm.	4" 100 mm.	Black / white
S18L	Bi-amplified bass reflex	30 - 400Hz	99 dB 102 dB	8 ohm	600W RMS 1200W cont.	130 dB 139 dB	73 x 55 x 60	1 x 18" 460 mm.	3" 76 mm.	Black / white
S18	Bi-amplified bass reflex	30 - 400Hz	97 dB 100 dB	8 ohm	1200W RMS 2400W cont..	130,5 dB 139,5 dB	73 x 55 x 60	1 x 18" 460 mm.	4" 100 mm.	Black / white
S215L	Bi-amplified Bass reflex	35-400Hz	102 dB 105 dB	4 ohm	1100W RMS 2200W cont..	135,5 dB 144,5 dB	100 x 50 x 54	2 x 15" 400 mm.	3" 76 mm.	Black / white
S215	Bi-amplified Bass reflex	35-400Hz	99 dB 102 dB	8 ohm	2000W RMS 4000W cont..	135 dB 144 dB	100 x 50 x 54	2 x 15" 400 mm.	4" 100 mm.	Black / white
S218L	Bi amplified Bass reflex	30-400Hz	102 dB 105dB	4 ohm	1200W RMS 2400W cont..	135,5 dB 144,5 dB	120 x 60 x 60	2 x 18" 460 mm.	3" 76 mm.	Black / white
S218	Bi amplified Bass reflex	30-400Hz	100 dB 103 dB	4 ohm	2400W RMS 4200W cont.	136,5 dB 145 dB	120 x 60 x 60	2 x 18" 460 mm.	4" 100 mm.	Black / white
S21L	Bi-amplified Bass reflex	25-200Hz	97 dB 100dB	4 ohm	1700W RMS 3400W cont..	130,5 dB 140,5 dB	80 x 60 x 67	1 x 21" 530 mm.	4,5" 116 mm.	Black / white
S21	Bi-amplified Bass reflex	25-200Hz	96 dB 99 dB	4 ohm	2000W RMS 4000W cont..	132 dB 141 dB	80 x 60 x 67	1 x 21" 530 mm.	6" 153 mm.	Black / white

** All Max SPL data are calculated and presented in two ways: continues and Peak, the continues max SPL are the most accurate, but some of our competitors use the peak reference, so we feel obliged to do the same, remember that we suggest that the continues max SPL are used. The Max peak spl are only for your reference. Max SPL peak have the following equation: sensitivity in 2Pi times peak power handling (4 x continues power handling) equals max SPL peak*