

S-Series

S18C

Cardioid Subwoofer

S18C is an all-in-one cardioid subwoofer featuring patented Passive End Fire Technology. No additional delays or processing is needed so only amplifier channel is enough to drive the whole subwoofer!

The way it works: horn-loaded 18" driver at the front side has the same phase behavior as the reflex-loaded 12" driver facing back. The internal propagation time of the horn compensates the time difference of the sound wave coming from the rear facing 12" driver arriving to the front. Looking at the back of the enclosure the same time difference

S18C is driven with Aura Audio D-series controller amplifiers.



FEATURES

Low frequency directivity control without DSP
Patented Passive End Fire Technology hybrid-enclosure design in one enclosure
Front facing 18" and rear facing 12" long excursion neodymium magnet drivers

APPLICATIONS

Low frequency extension for all S-series tops
Noise sensitive installations
Medium to large-scale touring

S18C – SPECIFICATIONS

Frequency Response (-6 dB): 35 Hz – 250 Hz
Horizontal Coverage (-6 dB): 150 degrees
Vertical Coverage (-6 dB): 150 degrees
Max SPL : 132/138 dB (free space)
Sensitivity, 1w/1m: 99 dB (free space)
Impedance: 6 ohms
Crossover: 80 Hz – 120 Hz active
Power handling: 2000 W(AES), 8000 W(peak)
Recommended HP-filter: 33 Hz, 12 dB/octave

DRIVERS

S18C Front: (1) x 18" neodymium driver, 4" VC
S18C Rear: (1) x 12" neodymium driver, 4" VC

ENCLOSURE

Enclosure material: Birch plywood, textured black paint finish
Grille: Cold rolled steel grille, black paint finish
Connectors: (2) x NL4, +/-1: Input
Dimensions: 600 mm x 500 mm x 1030 mm (1160 w/wheels)
Weight: 64 kg

