

SUBWOOFER Series

Compact, high SPL band pass subwoofer

Audio-Performance SUB118

The SUB118 is a compact subwoofer designed to extend the frequency range and power bandwidth of Audio Performance full-range loudspeaker systems. With a cut-off frequency of 45Hz, the SUB118 is made for applications where the reproduction of sub frequencies is of major importance (music, live sound). It consists of one ND long excursion 18-inch cone driver mounted in a heavily braced enclosure.

The design of the SUB118 is based on band-pass technology. This technology allows a relatively compact enclosure to be very efficient in low frequency reproduction and increased power handling without excessive displacement of the loudspeaker.

The SUB118 is an 8th order aligned band-pass cabinet that employs a single 12 inch low frequency driver capable of handling 1'000W (long term power) and produces high sound pressure levels with smooth, tight bass reproduction down to 45Hz. The enclosure is constructed of 18mm plywood and fitted with easy grip handles. The M20 connector plate can host a threaded tube to fit with any of AP full range satellite loudspeakers. Tubes are available separately from your dealer or distributor.

It operates as a complete system with the ALC48 digital controller.

IDEAL FOR

Touring
Concert halls
Conference rooms
Discotheques
Sound effects

The SUB118 subwoofer system is ideal for any professional application requiring accurate low frequency reinforcement at high sound pressure levels



Special Features

High power handling

45Hz cut-off frequency

Processor controlled

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SUB118 Specifications

ACOUSTICAL with controller

Frequency response (1)..... 45Hz - 150Hz
 Maximum peak SPL (2) 136dB
 Power handling (4)..... 1'0200W (AES)
 Crossover frequency to full range system..... 120Hz

TRANSDUCER & ELECTRICAL

1 x 18 inch, ND ferrofluid cooled, long excursion cone driver
 Low frequency 8 Ohms
 System nominal impedance..... 2 x Neutrik Speakon, model NL4MP (wired in parallel)
 Connectors..... 2+: SUB + , 2-: SUB -
 1+ , 1-: link

MECHANICAL

Enclosure: 18mm plywood
 Finish Black epoxy painted
 Front grills..... Hex punched, 1.6mm steel, black epoxy painted
 Rigging M20 connecting plate
 Dimensions (W x H x D) 900 x 550 x 530mm
 Weight 55Kg

ACCESSORIES

AP Full Range Loudspeaker

