

## 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 18 inch ND low frequency driver capable of handling 1'200W AES 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

SUBWOOFER Series

SUB118 Specifications

**ACOUSTICAL with controller**

Frequency response (1)..... 45Hz - 150Hz  
 Maximum peak SPL (2) ..... 136dB  
 Power handling (4)..... 1'200W (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

