



STUDIO SUB2-18C



The SUBWOOFER PROS Studio Sub2-18C is a “universal” sub used for bass extension of any studio monitor. It is sealed and self-powered, offering bass extension to 16Hz. It has a compact cabinet using an 18” high excursion sub driver with an easy to use control set. It has built in Left/Right XLR summing inputs and a low pass filter at 4 different frequencies of 95Hz, 80Hz, 60Hz, and 40Hz. The different low pass frequencies make it adaptable to various size “main” speakers.

The Studio Sub2-18C is different from other subs because it specializes in output below 95Hz, the range which meter bridge monitors are generally not good at. The sealed cabinet with a linear response sonically outperforms subs that make use of ports, transmission lines, passive radiators or other “boost” technology. These boost methods create the sonic impression of bass up around 75-85 Hz but actually suffer a severe roll off after the boost. These boost methods make it more difficult to get proper translation between studio and outside world.

The Studio Sub2-18C’s larger size allows for accurate, increased SPL for larger spaces. The Studio Sub2-18C’s design is ideal for applications where multiple subs are used to achieve evenly distributed low end in large rooms by locating them on different walls. This multiple sub approach at lower SPL can significantly outperform a single higher SPL sub that generates fewer but higher intensity room modes or nulls. The modest price, universal fit, and flexible nature of the Studio Sub2-18C makes it an ideal way to start with one or two and grow your sub system over time.

Studio Sub2-18C Specifications:

Enclosure:	18mm 13 Ply Birch Plywood
Finish:	Black Ro Tex™ True water born environmental finish
Grille:	Black cloth grille
Low Frequency Components:	18" High Excursion EL-18R
Input Connector:	2x XLR IN, SUMMING
Input Impedance:	10k/10k each input isolated
Input CAL Sensitivity:	@ 40Hz, volume knob at 12 o'clock = -6dBu for full output; @ 40Hz, 1.2V input level sensitivity (knob set to full) = full output
Maximum Continuous Amplifier Power:	700W
Low Pass Filter Switch:	95Hz Infra Filter, 80Hz, 60Hz, 40Hz selectable
Polarity Switch:	Normal +, Reversed -
Overload Protection:	Dynamic Filter
LED Indicators:	Green: Power on/Orange: Dynamic Filter threshold
Mains Voltage Requirements:	100 to 250 VAC Auto Sensing
Frequency Response:	+/-3dB 16Hz to 95, 80, 60, 40Hz (depending on switch position)
Low Frequency Limit:	16Hz
Max SPL:	103dB SPL @ 1 meter @ 40Hz
Studio Sub2-18C Actual Dimensions:	23.5" x 21.25" x 18.5" (HxWxD)
Studio Sub2-18C Actual Weight:	64.5 lbs
Studio Sub2-18C Shipping Dimensions:	26" x 23" x 26" (HxWxD)
Studio Sub2-18C Shipping Weight:	75.5 lbs

Subwoofer Pros USA

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