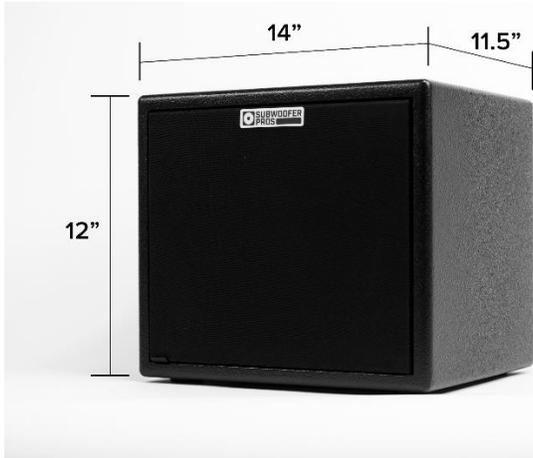




STUDIO SUB 10



The SUBWOOFER PROS Studio Sub 10 is a “universal” small sub used for bass extension of any studio monitor. It is sealed and self-powered, offering bass extension to 16Hz. It is a very compact cabinet with an easy to use control set. Using a 10” high excursion sub driver, the Studio Sub 10 is not much larger than many meter bridge monitors. 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 Sub 10 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 Sub 10’s small size allows placement on speaker stands, under consoles, or in locations where larger subs won’t fit. The Studio Sub 10 is ideal for multiple sub applications where 3 or 4 subs are used to achieve evenly distributed low end in very small 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 Sub 10 makes it an ideal way to start with two and grow your sub system over time.

Studio Sub 10 Specifications:

Enclosure:	18mm 13 Ply Birch Plywood
Finish:	Black Ro Tex™ True water born environmental finish
Grille:	Black cloth grille
Low Frequency Components:	10" High Excursion EL-10
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:	300W
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:	93dB SPL @ 1 meter @ 40Hz
Studio Sub 10 Actual Dimensions:	12" x 14" x 11.5" (HxWxD)
Studio Sub 10 Actual Weight:	29lbs
Studio Sub 10 Shipping Dimensions:	17" x 16.5" x 16.5" (HxWxD)
Studio Sub 10 Shipping Weight:	33lbs

Subwoofer Pros USA

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