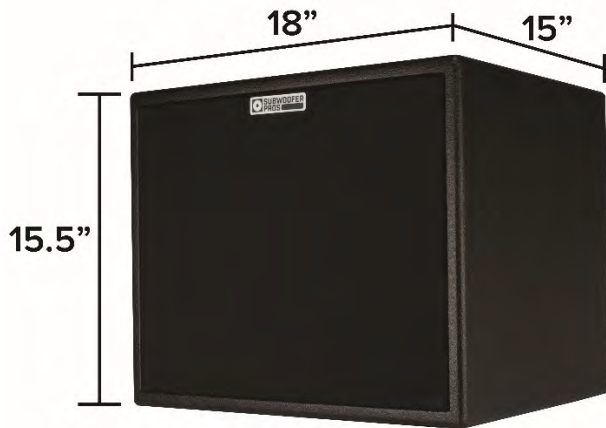




STUDIO SUB2-12C



The SUBWOOFER PROS Studio Sub2-12C is a "universal" sub used for bass extension of any studio monitor. It is sealed, Infra processed and self-powered, offering bass extension down to 8 Hz. It is a very compact cabinet with easy to use controls. Using a 12" high excursion sub driver, the Studio Sub2-12C is not much higher than many larger meter bridge monitors. It has built in Left/Right XLR summing inputs and, in addition to the analog Infra dual integrator, it offers a low pass filter with four different upper cutoff settings making it easily adaptable to various size "main" speakers.

The Studio Sub2-12C is different from other subs because it specializes in output below 95 Hz, all the way down below the range of human hearing. This is a range where meter bridge monitors are generally not able to perform well. Even large "mains" with generally good low frequency response can benefit by taking the lower octaves load off them and allowing the low bass to be reproduced by the sonically superior and specialized Infra bass technology. Multiple units can be used to increase the available SPL to elevated levels while maintaining the low bass detail and musical quality.

Our 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 but actually suffer a severe roll off after the boost and a delayed disconnected sound from the main speakers. These boost methods make it more difficult to get proper translation between studio and the outside world.

Studio Sub2-12C Specifications:

Enclosure:	18mm 13 ply birch plywood
Finish:	Black Ro Tex™ True water born environmental finish
Grille:	Black cloth grille
Low Frequency Components:	EL-12B High excursion transducer, 12" cone
Input Connector:	2 Balanced XLR female line level summing
Output Connector:	1 Through XLR male for daisy chaning additional systems
Input Impedance:	10k ohms
Input CAL Sensitivity:	@ 40 Hz, volume knob at 12 o'clock = -6 dBu for full output; @ 40 Hz, 1.2V input level sensitivity (knob set to full) = full output
Maximum Continuous Amplifier Power:	700W
Upper Cutoff Filter:	Switchable 95 Hz Infra Integrator, Filter at 80, 60, and 40Hz
Slope:	12 dB/octave -6 dB at 95 Hz
Overload Protection:	Internal Dynamic Filter™ protection
LED Indicators:	Green - Power on, Amber - Threshold exceeded
Mains Voltage Requirements:	115V or 230V Switched automatically
Frequency Response:	+/-3 dB 8 Hz to 95, 80, 60, 40 Hz (depending on switch position)
Low Frequency Limit:	8 Hz
Max SPL:	108 dB SPL @ 1 meter
Studio Sub2-12 Dimensions:	15.5" x 18" x 16" (HxWxD)
Studio Sub2-12 Weight:	56lbs

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