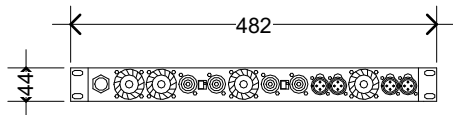




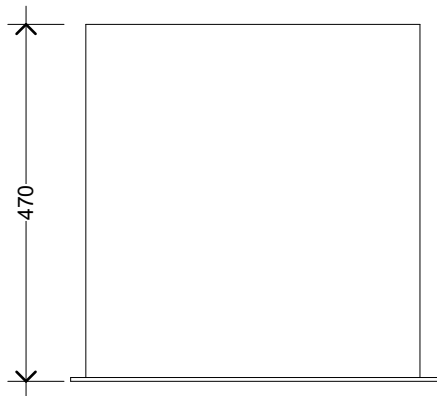
DSP4-2500 - DSP4-5000

Our Elementi subwoofer amplifiers are the ultimate in power for our high-output subwoofers and infrasonic subwoofers. The DSP4 2500 is intended for all Elementi systems that are not intended for infrasonic duties. With 2500W per channel and >5000 dampening factor in a 1RU form factor, these amplifiers deliver incredible dynamics, control and speed. The DSP4 5000 is designed to work with our infrasonic subwoofers, where typically there is a requirement for additional output of up to 4x the power required for traditional subwoofers. With output of 5000W per channel, these amplifiers can drive a single Onyx per channel, with dual voice coils or dual channels for 10000W to drive our monster Kola subwoofers down to 5Hz. The DSP4 5000 has a potential gain of 80 Amps. We recommend dedicated power circuits for these amplifiers with an allowance of 10-15Amp per amplifier (minimum 20Amp circuit for subs) in the system. Ensure all equipment is on the same phase, with a common ground point for the system.

Both amplifiers have the option for AOIP via Dante (additional cost option) and due to the heavy amplifier loads, the DSP4 5000 comes with ultra quiet fans as standard (an option on the DSP4 2500). The amplifiers are heavy and require rear support from side rails.



BACK



TOP



DSP4-2500



DSP4-5000

DSP4-2500	CHANNELS:	4
	POWER/CH @ 4 Ohms:	2500W
	POWER/CH @ 8 Ohms:	1500W
	POWER/BR @ 4 Ohms:	6000W

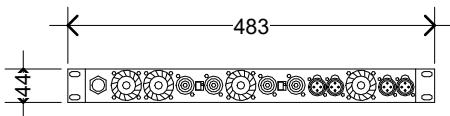
DSP4-5000	CHANNELS:	4
	POWER/CH @ 4 Ohms:	5000W
	POWER/CH @ 8 Ohms:	3000W
	POWER/BR @ 4 Ohms:	13000W

DSP4-1K

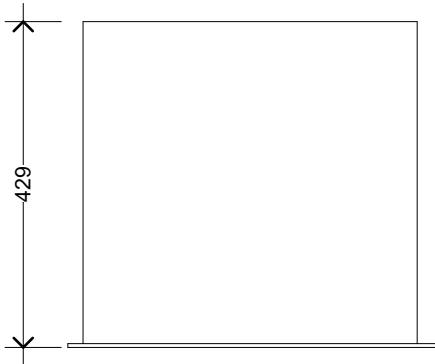
The DSP4 1K is intended for smaller Elementi subwoofer systems that are not intended for infrasonic duties, such as Basalt sealed subs and Onyx Slim which is a highly efficient subwoofer design, that is easy to drive. With 1000W per channel @ 8 Ohms & 1400W at 4 Ohms in a 1RU form factor and DSP control, these amplifiers deliver incredible value for money. The DSP4 1K can also be bridged to output 2x 2800W per channel. The amplifiers are a lower spec to our big boys, but still have an output gain of up to 32dB and a dampening factor of >600 in a small 1RU form factor. The amplifiers have built in protection for short circuits, open circuit, thermal, overload, DC, plus limiters. We recommend dedicated power circuits for all of our subwoofer amplifiers. Ensure all equipment is on the same phase, with a common ground point for the system.

These amplifiers are analog only (no AOIP is available).

Active cooling is from front to rear, which allows for amplifiers to be stacked if required (although we always recommend an air gap).



BACK



TOP



DSP4-1K

DSP4-1K	CHANNELS:	4
	POWER/CH @ 4 Ohms:	1400W
	POWER/CH @ 8 Ohms:	1000W
	POWER/BR @ 4 Ohms:	3500W

ELECTRICAL SPECS			
	DSP4-1K	DSP4-2500	DSP4-5000
THD (20Hz-20kHz for 1W)	<0.1%	<0.5%	<0.5%
Signal Noise Ratio	>106dB	>110dB	>110dB
Frequency Response (+/-0.1dB)	10Hz-34kHz	20Hz-20kHz	5Hz-20kHz
Dampening coefficient	>600	>5000	>5000
Gain (optional)	0.775V/1V/32dB	32dB/35dB/38dB/41dB	32dB/35dB/38dB/41dB
Output Socket	Speakon Connectors		
Input Socket	Combo XLR type, 3 pin	Balanced XLR	Balanced XLR
Power Requirement	90-265V-50HZ(PFC)		
Size (W x H x D) (mm)	483 x 429 x 44	482 x 470 x 44	482 x 470 x 44
Weight (kg)	7	12	12