

Press release from Profoto AB – The Light Shaping Company

Date: September 2004

Subject: **New high power flash unit D4 4800Ws**

Approved for immediate use

Profoto introduces the new D4 4800Ws studio generator for perfect digital and analog control



Profoto, the Swedish manufacturer of professional flash equipment, now launches a new addition to its D4 flash line - D4 4800

With the addition of the D4 4800 Profoto can offer a high power flash unit for the high demanding studio work. This new Profoto generator is the excellent main light source for studios specialised in advanced furniture, car and still life photography. Because of the huge power range and high efficiency of this pack, the new D4 4800 is also perfectly suited for bigger set-ups where just one flash generator can be used.

The D4 offers four fully asymmetric lamp outlets - like having 4 generators in one. Full 8 f-stop power range in increments of 1/10 f-stop. Extremely high power as well as colour and colour spectrum stability from flash to flash giving the user high productivity and efficient production.

The extreme stability of the D4 depends on a new hybrid flash technology that uses a combination of capacitor groups, voltage regulation and advanced microprocessors that regulate and fine-tune the electronics. The result is a generator with power variations of less than 1/100 of an f-stop.

The D4 family consists of 3 fully asymmetrical generators (1200, 2400 or 4800Ws) available with or without a built in radio for wireless synchronisation. All come with an integrated USB interface and the versatile "Profoto Studio Software" for optional remote control via computer.

Profoto's complete product range includes the Pro-7 family, the Acute2 and the ComCompact series. For all of these, there is a very wide range of Profoto's Light Shaping Tools and accessories.

All of them have Profoto's unique zoom function, which makes it possible to finely adjust/regulate the light in small steps - "paint with the light".



If you wish to know more, please contact your retailer or Profoto directly by phone: +46 8 447 5300 or visit our website at: www.profoto.com

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The Light Shaping Company



Profoto D4 Technical Data

	D4 1200	D4 2400	D4800
f-stop at 2m (ISO 100/21°)			
Magnum reflector	90	128	180
Standard Zoom reflector	45	64	90
Umbrella, white with Standard Zoom reflector	22	32	45
Power			
Power range	8 f-stops (1/10 or 1/1 steps)	8 f-stops (1/10 or 1/1steps)	8 f-stops (1/10 or 1/1steps)
Watt seconds	9-1200	18-2400	36-4800
Power distribution	4 outlets, asymmetric (A: max. 100%, B: max. 100%, C: max. 50%, D: max 25%)		
Max. modelling light	4x500W	4x500W	4x500W
Flash duration (t 0,5)			
Min.	1/7500 sec. (9Ws)	1/4500 sec. (18Ws)	1/2700 sec. (36Ws)
Max.	1/1000 sec. (1200Ws)	1/600 sec. (2400Ws)	1/350 sec. (4800Ws)
Flash recycling (117V/60Hz a. 230V/50Hz)			
Min.	0.07 sec.	0.09 sec.	0.12 sec.
Max.	1.20 sec.	2.20 sec.	4.40 sec.
Stability			
Voltage	±0,4%	±0,4%	±0,4%
Power	better than ±0,8% (equivalent to 1/100 f-stop)	better than ±0,8% (equivalent to 1/100 f-stop)	better than ±0,8% (equivalent to 1/100 f-stop)
Colour temperature (total power range)	better than ±150°K	better than ±150°K	better than ±150°K
Measurements	29x28x20cm*	32x28x20cm*	36x28x20cm*
Weight	10kg	11.5kg	13.5kg
Miscellaneous	Automatic voltage-adjustment 90-240V/50-60Hz, USB connection (Software included), fast/slow recycling mode, 2x6.3mm synch inlets, integrated IR-sensible photocell. Optional with integrated radio slave receiver.		

* incl. handles



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