

Profoto Pro-B2



Profoto Pro-B2: The ultimate in battery studio flash

Imagine a heavy duty, 1200 Ws studio generator. Now imagine disconnecting the power cable from the wall and bringing the unit to wherever you happen to be shooting. With the generator still working, as if nothing has happened. That's the Profoto Pro-B2.

- Up to 200 full power flashes from a single battery cassette
- Fast recycling: 0.04 – 1.8 sec.
- Short, motion-freezing flash durations: 1/2200 – 1/7400s
- Full 8 f-stop range in 1/2 or 1/10 step adjustments
- Asymmetrical or symmetrical power distribution
- up to 250W modelling lamp
- Optional built-in Radio
- Continuous modelling light or timer

Meeting the challenges on location

Working on location is always a challenge: There is not enough time. There is not enough space. There is not enough light. And worse: there is no electricity.



ProRing flash - 30 05 15

The Profoto Ringflash is a favourite among people and location photographers. It has an internal diameter of 100mm and accepts most lenses on the market. A softlight or a close-up reflector is available.

A Battery flash with studio performance.

Avoiding the inconvenience of a gas generator, you will look for battery-powered gear. Which traditionally means serious compromise in power and features. But not any more. Leaving the studio with the Profoto Pro-B2, you are bringing 200 full power 1200Ws flashes. Along with two lamp outlets accepting the entire range of Profoto light shaping tools. And all of that in a box that recycles in just 1.8 seconds.

Use it while recharging it

Back in the studio, using the snap-on universal power adapter, the B2 can actually operate as a regular flash generator while the battery is being recharged. The adapter is fast, charging an empty battery in just 2.5 hours, and it accepts a wide range of input power:

12-24V or 90-240V. Included with every Pro-B2 is a standard 110/230V charger, loading the battery in 5 hours.

Needless to say, the battery is replaceable. In other words, you just bring as much energy as needed. Also, because the Pro-B2 battery is completely memory free, there is no penalty for partial charging.

Fine-grained energy control

The output power can be adjusted over a full eight f-stop range, from 9Ws up to 1200Ws, in increments of 1/10 or 1/2 f-stop, for really fine-grained control. The two outlets allow the power to be split symmetrically or asymmetrically with a 2:1 ratio. Of course the unit provides consistent output flash after flash, hour after hour.

Designed for the rugged conditions on location, the Pro-B2 features sturdy knobs, rubber-clad grips and frames, as well as the outlets and switches conveniently placed on top. Also, the generator is equipped with the Profoto special non-arching safety connectors, for easy connecting/disconnecting of the head at any time.

Fully integrated with the Pro-7 system

The Pro-B2 accepts all Pro-7 heads, including the ProHead, ProRing and ProTwin head. Designed exclusively for the Pro-B2, there is also the smaller Pro-B head: light and portable, but still equipped with a strong 100W modelling lamp.

Worth a special mention is the ProTwin head. With two separate Pro-B2 generators, it gives you 2400 Ws in a single head – or faster recycling. When used with a single generator, the twin head delivers extremely short flash durations.

When using the new ProHead with a new low voltage fan the fan will work when used on Pro-B2. This allows for the use of a 250W modelling lamp.







Profoto Pro-B2

Technical data:

- Energy: 1200 Ws
- Energy control: Over an eight f-stop range (down to 9Ws). In 1/10 or 1/2 step adjustments.
- Energy distribution: Symmetric or Asymmetric (2:1 ratio)
- Recycling: 0.04 – 1.8 Sec.
- Number of outlets: 2
- Flas duration: 1/2200 - 1/7400 sec.
- Flash capacity: Up to 200 full power flashes per charge
- Modelling Light: Up to 250W continuous or time controlled (max 60 sec.)
- Battery: Nonspillable lead/acid battery in a battery cassette for rapid exchange
- Charging time: 5 hours with standard multi-voltage charger and 2.5 hours with universal power adapter
- Size: 24x17x23cm
- Weight: 11kg (incl. battery)
- Others: Indicator for battery status, for full, 3/4, 1/2, and 1/4 power; built-in photocell, 2 sync outlets
- Optional built in Radio with 32 channel / 4Zone for remote operation.

Nomenclature:

- 1: Main power on/off
- 2: Model light timer
- 3: Fast/slow recycling
- 4: Sound on/off
- 5: Slave on/off
- 6: Dual sync sockets
- 7: Photo/IR-cell
- 8: Charge outlets
- 9: Indicator for battery charge
- 10: Head connection
- 11: SYM/ASYM Switch
- 12: Energy control 1/2 f-stop
- 13: Energy control 1/10 f-stop
- 14: Radio channels
- 15: Model Light Cont/Timer



Pro-B Head

- Size: 22 cm long and 10 cm diameter.
- Weight: 1.8 kg
- Others: 100W halogen lamp, frosted glass cover, 3.5m lamp cable and disc reflector.



Pro-Twin

- Size: 26 cm long and 10 cm diameter.
- Weight: 2.2 kg
- Others: 250W halogen lamp, frosted glass cover 3,5m lamp cable and zoom reflector. The fan will work on the Pro-B2.



Pro Twin

- Size: 28 cm long and 10 cm diameter.
- Weight: 2.5 kg
- Others: 500W halogen lamp, frosted glass cover 3,5m lamp cable and Magnum reflector. (Max Model lamp together with Pro-B2 is 250W).

Digital Wireless Freedom (Optional)

Digital Wireless Freedom is a system of professional photographic products, which incorporate a compatible digital radio system, which eliminates the need for a PC sync cable.

Originally integrated in the Profoto Acute2R generator, digital wireless freedom is taken to a whole new level with the Pro-B2. Full 32 channel/4 zone triggering offers photographers creativity and control with a new simplified interface. The Pro-B2 is available

with a receiver capable of firing the pack under any condition. With an effective range of 100m, the digital radio system cannot be fooled by other strobes firing, shaded, darkened studios or blinded by bright lights.

Furthermore, since it works on a radio frequency and not infrared, it works around corners and through walls. Digital reliability ensures your flash fires every time.

Channel selection/features

There is a special dial for setting the first 4 radio channels or a special learn mode to set the other 28 channels.

It also offer additional features like precision delay, rear curtain synch and multi-pops. On top, radio slaves are faster than most IR transmitters – important when working with a fast recycling generator like Pro-B2.

Fully compatible with all 32 channels used by Pocket Wizard, the new Pro-B2 can be fired using any model Pocket Wizard transmitter or transceiver. You can also use the Sekonic L-358, L-608 or L-558 light meters, with the Pocket Wizard transmitter enabled, to fire the generator.

Available in 2 versions for Europe (433Mhz) and other markets (344Mhz).



Accessories Pro-B2



Pro-B Universal power adapter – 900728

With the snap-on universal power adapter, the Pro-B2 can be used as a regular studio generator. At the same time, the generator is quickly recharged, loading an empty battery in just 2.5 hours. The adapter accepts a wide range of input voltages: 12-24V or 90-240V.



Profoto battery charger – 100218

Included with every Pro-B2 generator is a standard 110/230V charger. Seated in the generator or in a separate cassette, an empty battery is fully recharged in 5 hours. International plug adapters are included.



Pro-B protective bag – 340202

A rugged, nylon transport bag with a shoulder strap and a handle. Perfect also for protection when shooting on location.



Profoto – The Light Shaping System

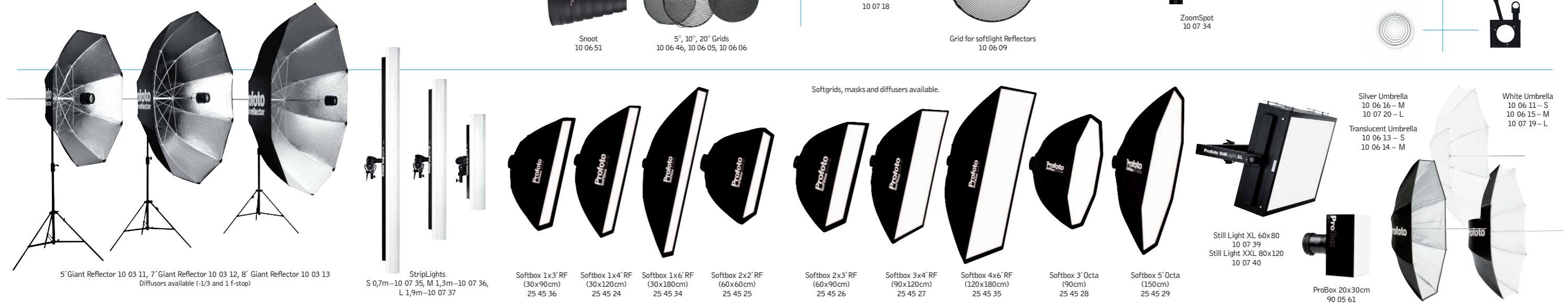
MONOLIGHTS AND GENERATORS



HEADS



LIGHT SHAPING TOOLS



Softgrids, masks and diffusers available.

Full freedom light shaping

Innovation, quality, and control

What is a photographer looking for when buying flash equipment? Of course, it's the quality of the light produced. It just has to be good: evenly distributed, reliable, colour stable, and fast. Also, it's the range of tools available. Naturally it should be comprehensive, including reflectors, snoots, spotlights, ringflashes, softboxes, etc. And more. Offering complete light shaping freedom, every Profoto product features a unique zooming system. The flash tube is placed free and open in the head, giving a focusable light source. Using the zoom, the photographer literally has fingertip control of the light. The focusing is controlled by pushing the reflector forwards or backwards. This adjustment changes the angle and effect of the light.

Every tool in the Profoto Pro-7 family covers a certain creative light shaping domain. Using the handy

5- and 7-foot reflectors (153 and 213 centimeters), even large motives can be brilliantly and evenly illuminated. The Pro-7 Ring flash, on the other hand, is perfect for fill-light or serving as a striking main light. The Soft light reflector is the optimal solution for enhancing portraits, while the ProFresnel Spot simulates direct sunlight. Having a multitude of different light shaping tools is a must for non-compromising illumination. Then again, the standard wide-angle reflector alone, using the unique zoom function, gives a remarkable range of possibilities. In the studio or on location.

With Profoto gear, you shape your own light easily – wherever you go.



5 foot Reflector – 100311

Softlight Reflector
–100607/100608

Softbox 3'Octa – 254528

ProGlobe – 100673

MultiSpot
100733

StripLightM – 100736



The Light Shaping Company

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Wide Zoom Reflector – 100711