

Pro-8a Air

# Profoto



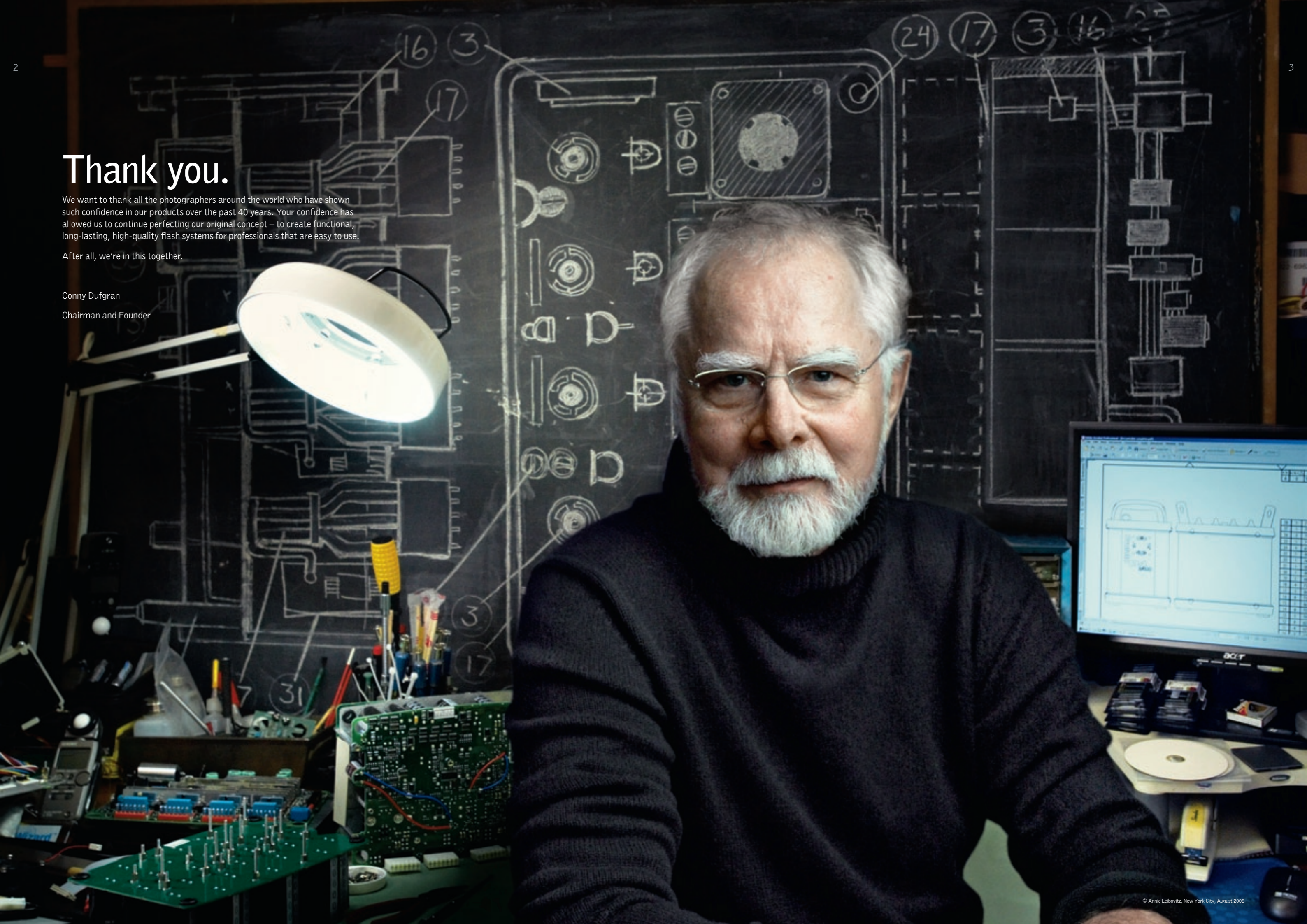
# Thank you.

We want to thank all the photographers around the world who have shown such confidence in our products over the past 40 years. Your confidence has allowed us to continue perfecting our original concept – to create functional, long-lasting, high-quality flash systems for professionals that are easy to use.

After all, we're in this together.

Conny Dufgran

Chairman and Founder



# A workhorse with digital precision

Demanding photographers need products that deliver. That's why the Profoto line of flash generators is the most rented in the world. And now we're setting a new standard for flash photography with the Pro-8a Air, a robust and rugged workhorse built for precision digital shooting, all day.

Profoto Pro-8a Air offers you unmatched product performance in terms of flash duration (1/12,000 s), recycling time at 2400 Ws of 0.9 s, power control and versatility. Generate up to 20 flashes per second, and up to 1000 full power flashes per hour, with a flash-to-flash precision of  $\pm 1/50$  f-stop at all power settings. The output power can be adjusted over a full 10 f-stop range, from 5 Ws up to 2400 Ws, in increments of 1/10 f-stop, for really fine-grained control. You will experience flash-to-flash color stability within  $\pm 40^\circ$  K over the entire power range.

Just like everything in the Profoto system, the Pro-8a Air offers easy-to-use controls based on our user friendly design philosophy of look, listen and touch. The result? The Pro-8a Air frees up your mind, your eyes and your hands, so you can focus on the image you're creating.

Shoot with the new Pro-8a Air. We think you'll make fast friends.





## Fast just got faster

As the fastest flash generator in the world, we never stop exceeding the boundaries in both recycling time and flash duration. Thanks to the new two-stage SMPS capacitor charging technology, the short 0.9 s recycling speed at 2400 Ws gives you up to 20 flashes per second and up to 1000 flashes per hour. Short flash durations down to 1/12,000 s give you super sharp images. So fast means never having to wait.

## Style your light to perfection

The Pro-8a Air gives you the power and precision you need to create perfect pictures, on demand. Flash-to-flash color stability of  $\pm 40^\circ$  K thanks to Profotos patented PIPE (Pre-ignition Plasma Establishing) technology makes it easy to obtain repeatable results. Adjust the flash light level over a full 10 f-stop power range. Shape the light the way you want, with minimum fuss. In the studio or on location, just select the light shaping tools you need from the extensive line Profoto Light Shaping Tool system.

Reflectors, spotlights, ringflash, striplights, umbrellas, softboxes and more – each optically designed to create a distinct lighting character. A system designed to let you work your way, to realize your own style. On demand.



# Profoto Pro-8a Air

## Profoto Pro-8a 2400 Air

Energy	2400Ws
Energy control	5 – 2400Ws over an 10 f-stop range, in 1/10 or 1/1 increments.
Energy distribution	Fully asymmetric
Energy precision	± 1/50 f-stop flash-to-flash
Color stability	± 50° K over energy range 5.0 – 10.0 ± 40° K flash-to-flash
Recycling	0.05 – 0.9 s
Lamp head connectors	Two connectors
Flash duration	1/12,000 – 1/1600 s
Flash capacity	Up to 20 flashes per second
Modeling light	Up to 1000 W (max 500 W per head)
Size	37 x 18,5 x 25 cm 14,5 x 7,3 x 9,8 inch
Weight	12,2 kg 26,9 lbs
Input power supply	Multivoltage
Flash triggering	Built-in wireless Profoto Air with a range up to 300 m Built-in photocell, two sync sockets
Optional	Built-in LPA Pocket Wizard triggering system
Art. no.	90 10 02

## Profoto Pro-8a 1200 Air

Energy	1200Ws
Energy control	5 – 1200Ws over an 9 f-stop range, in 1/10 or 1/1 step increments.
Energy distribution	Fully asymmetric
Energy precision	± 1/50 f-stop flash-to-flash
Recycling	0.05 – 0.5 s
Color stability	± 50° K over energy range 5.0 – 10.0 ± 40° K flash-to-flash
Lamp head connectors	Two connectors
Flash duration	1/12,000 – 1/2200 s
Flash capacity	Up to 20 flashes per second
Modeling light	Up to 1000 W (max 500 W per head)
Size	24,5 x 18,5 x 25 cm 13,6 x 7,3 x 9,8 inch
Weight	11,4 kg 25,2 lbs
Input power supply	Multivoltage
Flash triggering	Built-in wireless Profoto Air with a range up to 300 m Built-in photocell, two sync sockets
Optional	Built-in LPA Pocket Wizard triggering system
Art. no.	90 10 01

# Remote control and sync without cables

Now it's easy to shape and control your light from as far away as 300 m (1000 ft). Our new digital radio system, Profoto Air Remote, is built in to all Pro-8a Air generators.

Complete flash control of your camera, in your hand or from your computer, including flash power and modeling light control. Control an unlimited number of generators and heads on eight channels.

Profoto Air devices deliver sync signals with a very short delay, just 100 $\mu$ s in fast mode. Signal connections are made with either a hot shoe or a cable.

These small, handheld devices weigh only 70 g (2.5 oz) including batteries. They pack a lot of functionality and reliability into an easy-to-use control panel. Operating at 2.4 GHz, they are approved for world wide use.

Profoto Air systems with sync can also operate with external receivers on older generators or other brands.



## Profoto Air inside

This symbol tells you when a flash unit has a built-in transceiver that makes it compatible with the Profoto Air system. It's your guarantee of a perfect sync.



## Profoto Air Remote

Our specially designed digital radio system, Profoto Air Remote, is built in to all Pro-8a Air generators. Complete flash control at your camera or in your hand, including flash energy control and modeling light control. Control an unlimited number of generators and heads clustered in up to six groups on eight channels.



## Profoto Air Sync

Syncs flash generators or cameras, in groups or individually with the same high performance as Profoto Air Remote. The Profoto Air Sync provides a simple solution when you do not need to control the power of your flash and only need to trigger it, with your camera. Profoto Air Sync can also be used as a receiver and sync generators without built in Profoto Air.



## Profoto Air USB

This USB 2.0 transceiver connects your flash generators to the Profoto Studio Air, software for both PC and Mac that gives you full control of your studio flash system remotely from your keyboard.



Technical data	Profoto Air Remote	Profoto Air Sync	Profoto Air USB
Frequency band	2.4 GHz	2.4 GHz	2.4 GHz
Separate radio channels	8 channels	8 channels	8 channels
Groups/radio channel	6 groups	–	Yes, with Profoto Studio
Range	up to 300 m (1000 ft)	up to 300 m (1000 ft)	up to 300 m (1000 ft)
Battery type	2 x AAA	2 x AAA	–
Battery lifetime fast/normal mode	40/500 h	40/500 h	–
Sync delay fast/normal mode	100/465 $\mu$ s	100/465 $\mu$ s	–
Sync speed	1/250 s with focal plane 1/500 s with leaf shutter	1/250 s with focal plane 1/500 s with leaf shutter	–
Fast mode	1/1000 s dep. on camera and flash	1/1000 s dep. on camera and flash	–
Antenna type	Integrated	Integrated	Integrated
Computer connection	–	–	USB 2.0 Series "A" plug
Weight	70 g/40 g without battery (2.5 oz/1.4 oz)	70 g/40 g without battery (2.5 oz/1.4 oz)	20 g (0.7 oz)
Dimensions	70 x 50 x 40 mm (2.7 x 1.9 x 1.6 in)	70 x 50 x 40 mm (2.7 x 1.9 x 1.6 in)	70 x 20 x 22 mm (2.7 x 0.8 x 0.8 in)
Sync signal in	Hot shoe and 3.5 mm phone plug	Hot shoe and 3.5 mm phone plug	–
Sync out	3.5 mm phone plug	3.5 mm phone plug	–
Complete flash control	Yes	–	Yes, with Profoto Studio
Remote flash energy control	Yes	–	Yes, with Profoto Studio
Remote modeling light control	Yes	–	Yes, with Profoto Studio
Master mode	Yes	–	Yes, with Profoto Studio
Automatic interaction with generator	Yes	–	Yes, with Profoto Studio
Sync/Trigger	Yes	Yes	Test sync only
Triggering Speed	Over 100 fps	Over 100 fps	–
Art. no.	90 10 31	90 10 32	90 10 34

# Profoto Studio Air brings it all together

Profoto Studio Air is a software solution for both PC and Mac that simplifies lighting and gives you full control of all your packs and heads, wireless from your computer.

Visually see the power of your packs and heads and make adjustments as needed with the on-screen sliders. Flash-output and modeling light controls are just the start. You can control each head individually or group them to control multiple heads or packs at one time. Then, save customer lighting setups for use at a later time.

The Profoto Studio checks to see if all generators are fired correctly with every exposure. Giving you extra assurance you have the shot. With an eye on technical innovation, Profoto Studio Air is designed to be an expandable system with an eye on the future.



## Pro heads

Versatility, power and precision come together easily in the Profoto system. With the state-of-the-art Pro-8a Air generator as a base, you can select just the right lamp head to suit your assignment – with the right power range, recycling time and flash duration. And the versatility doesn't stop there. Whether you're in the studio or on location, you can continue to fashion your own special light. Just select the additional components you need from the extensive Profoto Light Shaping Tool system. Each one is optically designed to help you create a distinct lighting style.



### ProHead

In the studio, the standard heavy-duty tool is the Profoto ProHead, built for producing flashes up to 4800 Ws, over and over again, hour after hour. A thermostatically controlled 2-speed fan provides efficient cooling.

Size: 26 cm (10 in.) long and 10 cm (4 in.) diameter

Weight: 2.2 kg (4.8 lbs)

Including: New Zoom Reflector  
One uncoated flash tube  
250 W halogen modeling lamp (500 W optional)  
Removable frosted glass cover  
Protective transportation cap  
Stand adapter  
4 m (13 ft) lamp cable

Art. no.: 90 07 09 with 250 W lamp  
90 07 27 with 500 W lamp

### ProTwin

When demands are even tougher, the Profoto ProTwin is available with two flash tubes that effectively double the performance. Used with a single generator, it produces shorter flash durations. Used with two generators, it achieves faster recycling and/or higher power, up to 9600 Ws.

Size: 26 cm (10 in.) long and 10 cm (4 in.) diameter

Weight: 2.2 kg (4.8 lbs)

Including: Magnum Reflector  
Two uncoated flash tubes  
500 W halogen modeling lamp  
Removable frosted glass cover  
Protective transportation cap  
Stand adapter  
4.5 m (14.5 ft) Twin lamp cable

Art. no.: 90 07 19

### ProRing 2

For fashion or macrophotography, when you want a direct and very prominent light, the Profoto ProRing 2 provides a ring flash capable of as many flashes per minute as the generator can produce, thanks to the fan-cooled operation. A powerful 200 W modeling light is included.

Size: 20 x 21 x 23 cm (7.8 x 8.25 x 9 in.)  
20 cm (7.8 in.) exterior diameter  
10 cm (4 in.) interior diameter

Weight: 2.2 kg (4.8 lbs) including camera holder

Including: Circular quartz flash tube, 4800 Ws  
10 x 20 W halogen modeling lamps  
Camera adapter  
Stand adapter  
4 m (13 ft) lamp cable

Accessories: Close-up Reflector, Softlight Reflector, Widesoft Reflector and ProRing Diffuser.

Art. no.: 30 05 17

If you want a lighter weight ring flash without a modeling light, try the Profoto ProRing, with a flash capacity of 9600 Ws/min.

## Connect with Profoto.com

Visit us at [www.profoto.com](http://www.profoto.com) or any of our associated sites in other languages and be sure to register your product online, to stay up-to-date with new developments. Our members area gives you access to special offers, newsletters created for your professional needs, and much more.

You can view our complete Light Shaping Tool catalogue online, and even get information on new equipment offered by Profoto's selected partners.

Got an urgent assignment? You can quickly find out who sells or rents Profoto equipment in your area. Our directory of stores, rental houses and studios is constantly expanding.



# Some photographers can tell just from seeing a picture, if Profoto equipment has been used.

For nearly four decades, professional photographers around the world have come to value Profoto's expertise in lighting and light-shaping. Our extensive range of Light Shaping Tools offers photographers unlimited possibilities for creating and adjusting their own light.

Profoto is the world leader in electronic flash and rental equipment. You can purchase or rent our products at professional photo shops, rental studios and rental shops everywhere, from Paris, London and Milan to New York, Tokyo and Cape Town.