

B2 250 AirTTL

Profoto



PHOTOS: Top-right: Tamara Lackey, Top-left: David Bicho, Bottom-right: Justin & Mary, Bottom-left: Sal Cineotta, PHOTO FRONT: David Bicho, DESIGN: kamis.se - Specifications are subject to change without notice. Profoto 2015.



THE B2 OFF-CAMERA FLASH

To shoot with the B2 is to shoot with all options at hand. Use it on or off-camera. Shoot in TTL Mode or shoot in Manual Mode. Choose from more than 150 Light Shaping Tools and shape its already beautiful light into any light you can imagine.

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 **Profoto**[®]
The Light Shaping Company™

WITH TTL
ON OR OFF-CAMERA **B2**

ON OR OFF-CAMERA FLASH



PHOTO: DAVID BICHO

PHOTOS: JUSTIN & MARY



WITH TTL FOR CANON & NIKON



PHOTO: TAMARALACKEY
PHOTO: DAVID BICHO

ON OR OFF-CAMERA FLASH

Taking your flash off-camera marks a milestone on your journey to becoming a great photographer. It means you are ready to take control and shape light.

But there are situations when you want to keep your flash on your camera. For instance, you might need to stay moving or perhaps you do not have an assistant with you.

The B2 is the world's first off-camera flash that can be used for both. It is unlike anything else out there. Keep reading and we will explain why.

WITH TTL

The B2 offers full TTL operation with both Canon and Nikon cameras. Canon shooters attach the Air Remote TTL-C to their camera's hot shoe, Nikon shooters the Air Remote TTL-N. Then point and

shoot, and the B2 will automatically adjust its light output to provide you with the perfect exposure. It is as easy as it sounds.

WITH PORTABILITY

The B2 is designed to help you to add a little or a lot of extra light wherever it is needed.

The entire B2 kit fits in a bag no larger



PHOTO: DAVID BICHO
PHOTO: TAMARALACKEY



WITH PORTABILITY



than your average shoulder bag. And you will be surprised how lightweight it is! Grab it and go wherever you want to go without breaking a sweat!

Once on location, unpack the B2 and put it on your belt or shoulder, mount the head on a monopod or on a bracket on your camera, and stay moving. Either that or put both pack and head on a stand and move around freely.

Where and how you shoot is all up to you.

WITH POWER

Ever been frustrated by the fact that a clear sky equals bad weather for photography? Or perhaps you have experienced the opposite – not enough light to get the shot you want?

Neither is a problem with the B2. Several

times more powerful than the average speedlight, it enables you to overpower the sun on a sunny day as well as light up larger backgrounds and areas.

If that is not enough, switch to High-Speed Sync (HSS) Mode and get that perfect deep blue sky even when shooting with large apertures.



PHOTO: JARED PLATT

WITH HIGH-SPEED SYNC



PHOTO: DAVID BICHO



PHOTO: JARED PLATT
PHOTO: DAVID BICHO

WITH SPEED

You can never know when that perfect moment is going to happen right in front of your lens. The only thing you can do is to always be prepared. That is why speed is important.

The B2 is fast and will easily keep up with your camera, shooting at speeds of up to twenty flashes per second.

Speed also equals short flash duration. With the B2, you will not only be able to capture the moment. You will also be able to freeze it in time with absolute sharpness.

Also note that the B2 has High-Speed Sync (HSS) functionality, allowing you to capture super crisp action shots without motion blur in broad daylight.

WITH LIGHT SHAPING

The B2 has a built-in reflector that creates a wide and even light spread that stands well on its own. But that is only the start. The real magic happens when you add a Light Shaping Tool.

There is an assortment of compact and portable OCF Light Shaping Tools to choose from, including softboxes, barndoors, grids and snoots. In addition,



PHOTO: YERVANT

TAKE CONTROL AND SHAPE LIGHT



PHOTOS: DAVID BICHO

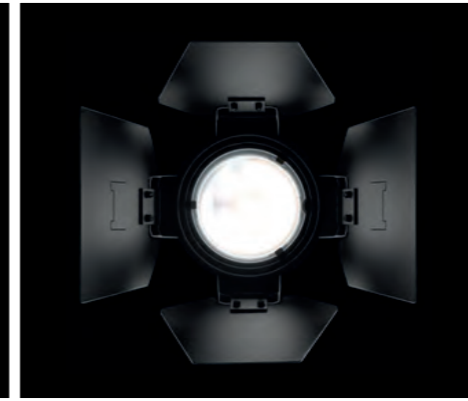


PHOTO: YERVANT

there is the entire family of Profoto Light Shaping Tools that have made Profoto the leader in professional photography.

In total, more than 150 tools are available to choose from. With the Profoto Off-Camera Flash system, light shaping is easy and limitless.

WITH QUALITY IN EVERY DETAIL 50 years as the brand of choice among leading photographers in the tough and demanding fashion industry have taught us to never leave any detail unattended.

That is why the B2 has a built-in reflector that not only maximizes the output but also protects the flash tube. That is why the LED modeling light is power-efficient enough to also be used as video

light. That is why the B2 has an integrated umbrella mount. That is why the battery pack is protected by a rubber frame. That is why the buttons and controls are designed to be as intuitive as possible.

The B2 is full of details such as these – details that make a huge difference.

THE TEST



PHOTOS: SAL CINCOTTA



"IT'S MADE MY LIFE SO MUCH EASIER"



AT THE GREAT WALL WITH SOME GREAT LIGHTS

Wedding photographer Sal Cincotta knows a great location when he sees one. The first time he visited the Great Wall in China, he knew he would one day return, this time with cameras, lights and a plan.

Far from a romantic journey, Sal describes the trip to the Great Wall as a "boat, plane, train, trolley, cab, and lots of

walking sort of deal. It isn't near anything. It's extremely remote. You have to pack light and need to understand that you're not going to be carrying more than about 20kg of gear with you."

One thing Sal has learned over the years is that he doesn't need big lights. He needs power. "The B2 Heads are about the same weight and mass as my speedlights, but they output

4 to 5 times the light," he says.

Sal and his assistants also benefited from the fact that all OCF Light Shaping Tools packs away equally well. "We had one backpack for the lighting, and the other backpack for the cameras and everything else," says Sal.

The logistics of capturing these images were not the easiest. In addition to a

sun playing peek-a-boo with the clouds as it dipped towards the horizon, there was a constant stream of pedestrian traffic with few breaks in the flow. "The idea of setting up stands and holding up traffic while you're busy yourself calling out flash readings is totally out of the question," says Sal.

Sal and his team solved this by having the assistant hold a B2 Head outfitted

with an OCF Softbox 2x3' just out of picture range. Shooting in TTL Mode, Sal captured the full series of images using a Canon EOS-1DX equipped with an Air Remote TTL-C for fully automatic, wireless control. He used a Canon EF 50mm/f1.2L USM lens. The exposure was in most cases set to 1/125th-second at f/8.0. The ISO was set to 500.

"The TTL in combination with the 250Ws of power that the B2 puts out is unprecedented," says Sal. "It's made my life as a photographer so much easier."

Watch the video from the shoot at www.profoto.com/offcameraflash

THE B2 OFF-CAMERA FLASH



PHOTO: DAVID BICHO

PHOTO: SANDRA ÅBERG
PHOTO: SAL CINCOITIA



B2 TO-GO KIT



B2 LOCATION KIT



EXTENSION CABLE 3M



LI-ION BATTERY



BATTERY CHARGER 2.8A



CAR CHARGER 1.8A



B2 LOCATION BAG



B2 CARRYING BAG



AIR REMOTE TTL-C
(CANON)



AIR REMOTE TTL-N
(NIKON)



AIR REMOTE



AIR SYNC

B2 250 AirTTL

Max energy: 250Ws
 Energy range: 9 f-stop (2.0-10.0 ; 1/256-1/1)
 Recycling time: 0.03-1.35 s (Quick burst up to 20 flashes/second)
 Flash duration Normal mode (t0.5): 1/9,300 s (1Ws) - 1/1,000 s (250Ws)
 Flash duration Freeze mode (t0.5): 1/15,000 s (1Ws) - 1/1,000 s (250Ws)
 Guide number @ 2m / 100 ISO with Magnum Reflector: 32 2/10
 Battery capacity: Up to 215 full power flashes
 Radio sync & control: Yes, built in AirTTL supporting wireless sync, control and TTL. (Requires Air Remote TTL. Sold separately.)

Weight: 1.6 kg (3.5 lbs) including battery
 Dimensions: Width 16 cm (6.3"), length 8 cm (3.1"), height 17 cm (6.7")

B2 HEAD

Modeling light: LED 9W (Equivalent of 50W Halogen)

Weight: 0.7 kg (1.5 lbs)
 Dimensions: Diameter 10 cm (3.9"), length 10.3 cm (4.0")

AIR REMOTE TTL-C & AIR REMOTE TTL-N

Frequency band: 2.4 GHz
 No. of Channels: 8 (1-8)
 Wireless range: Up to 300 m / 1,000 ft
 Power Input: 2xAAA Alkaline
 Battery Life: Up to 30 hours

Weight: 90 g (3.2 oz) including batteries
 Dimensions: 77 x 60 x 40 mm (3.0 x 2.3 x 1.6")

Air Remote TTL-C connections: Canon hot shoe
 Air Remote TTL-N connections: Nikon hot shoe

B2 TO-GO KIT

Contains 1 x B2 Off-Camera Flash, 1 x B2 Head, 1 x Li-Ion Battery, 1 x Battery Charger and 1 x B2 Carrying Bag, packed in the custom B2 Location Bag. Bring it with you wherever your creativity leads you. Who knows where it will take you?

B2 LOCATION KIT

Contains 1 x B2 Off-Camera Flash, 2 x B2 Heads, 2 x Li-Ion Batteries,

1 x Battery Charger and 1 x B2 Carrying Bag, packed in the custom B2 Location Bag. It is everything you need to overcome almost any lighting challenge you might face on location.

AIR REMOTE TTL-C & AIR REMOTE TTL-N

Canon shooters attach the Air Remote TTL-C to their camera's hot shoe, Nikon shooters the Air Remote TTL-N. Both get

to shoot with TTL and HSS without any cords. And manual control is always just a button press away.

AIR REMOTE & AIR SYNC

The standard Air Remote and Air Sync can be used to wirelessly control and sync the B2 from any camera with a hot shoe. There will be no TTL and HSS functionality, but the sensation of shooting without any cords is the same.

EXTENSION CABLE 3M

With the Extension Cable 3m connected, you can position the B2 Head another three meters away from the pack without noticeably compromising the performance.

B2 LOCATION BAG

Custom shoulder bag with side pockets. Fits both battery pack and two heads. Stands and umbrellas can be attached outside the bag with a clever strap system.

B2 CARRYING BAG

A handy little bag that houses and protects the B2 battery pack. Carry it on your belt or shoulder or hang it on a stand with the including stand strap.

LI-ION BATTERY FOR B2

A spare battery will save you the trouble of having to worry about running out of power.

BATTERY CHARGER 2.8A

Standard charger that fully recharges the B2's battery in one hour.

CAR CHARGER 1.8A

Plugs into a standard car cigarette connector and recharges your B2 battery in just one hour.

THE OFF-CAMERA FLASH SYSTEM



PHOTOS: DAVID BICHO



B1 OFF-CAMERA FLASH



AIR REMOTE TTL-C (CANON)



AIR REMOTE TTL-N (NIKON)



OCF GRID KIT



AIR REMOTE & AIR SYNC



B2 OFF-CAMERA FLASH



OCF SOFTBOXES

THE OFF-CAMERA FLASH SYSTEM

The B2 is part of the Profoto Off-Camera Flash system. The system adapts to your preferences and needs and can be used to create any light you can imagine.

B1 OFF-CAMERA FLASH

Cordless, battery-powered off-camera flash with TTL and HSS. Easy to use yet powerful and versatile.

B2 OFF-CAMERA FLASH

Battery-powered off-camera flash with TTL and HSS. Can be used both on and off-camera. Portable, versatile and easy-to-use.

AirTTL WIRELESS SYSTEM

Shoot in automatic TTL mode, control your flashes manually from your camera, sync several flashes at once – AirTTL makes it all possible.

OCF LIGHT SHAPING TOOLS

Compact, portable and easy-to-use Light Shaping Tools, tailor-made for on-location photography. This spread shows some of the most popular.

OCF SOFTBOXES

Creates a soft and flattering light. Available in four models: strip, square, rectangular and octagonal. Fast and super easy to set up. Optional softgrids control the light spread.



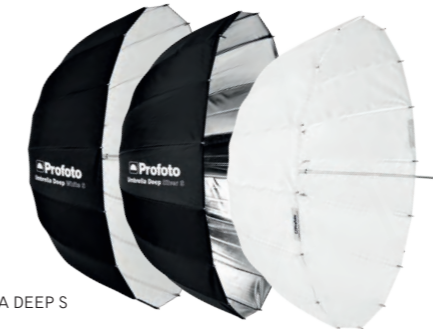
OCF SNOOT



OCF BARNDOOR



UMBRELLA DEEP M



UMBRELLA DEEP S



COLLAPSIBLE REFLECTORS

OCF GRID KIT

Attach any of the three grids included in the kit in front of the off-camera flash to reduce its light spread to either 10°, 20° or 30°.

OCF SNOOT

Drastically reduces the light spread to create a crisp and direct light with almost no spill light.

OCF BARNDOOR

Adjust the four barn doors individually, rotate the entire tool 360° on the flash head, and control and shape light in an almost infinite number of ways.

UMBRELLA DEEP S & M

Small and handy umbrellas with a deeper shape for a broader range of possibilities. Available in white, silver and translucent versions.

COLLAPSIBLE REFLECTORS

Shape sunlight or bounce flash light. It is light shaping in its most uncomplicated form!

+ 120 OTHER TOOLS

In total, there are more than 150 Light Shaping Tools available. Browse them all, plus other flashes and accessories, at www.profoto.com