

# AcuteB2 600 AirS

## User's Guide



## Thank you for choosing Profoto

Thanks for showing us your confidence by investing in an AcuteB2 generator. For more than four decades we have sought the perfect light. What pushes us is our conviction that we can offer even yet better tools for the most demanding photographers.

Before our products are shipped we have them pass an extensive and strict testing program. We check that each individual product comply with specified performance, quality and safety. For this reason our flash equipment is widely used in rental studios and rental houses worldwide, from Paris, London, Milan, New York, Tokyo to Cape Town.

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

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.

Every single reflector and accessory creates its special light and the unique Profoto focusing system offers you the possibility to create your own light with only a few different reflectors.

Enjoy your Profoto product!

# Safety instructions



## SAFETY PRECAUTIONS!

Do not operate the equipment before studying the instruction manual and the accompanying safety. Make sure that Profoto Safety Instructions is always accompanied the equipment! Profoto products are intended for professional use! Generator, lamp heads and accessories are only intended for indoor photographic use. Do not place or use the equipment where it can be exposed to moisture, extreme electromagnetic fields or in areas with flammable gases or dust! Do not expose the equipment to dripping or splashing. Do not place any objects filled with liquids, such as vases, on or near the equipment. Do not expose the equipment to hasty temperature changes in humid conditions as this could lead to condensation water in the unit. Do not connect this equipment to flash equipment from other brands. Do not use flash heads without supplied protective glass covers or protective grids. Glass covers shall be changed if it has become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches. Lamps shall be changed if they are damaged or thermally deformed. When placing a lamp into the holder ensure not to touch the bulb with bare hands. Equipment must only be serviced, modified or repaired by authorized and competent service personnel! Warning - The terminals marked with the flash symbol are hazardous live.



## WARNING – Electrical Shock – High Voltage!

Mains powered generator shall always be connected to a mains socket outlet with a protective earthing connection! Only use Profoto extension cables! Do not open or disassemble generator or lamp head! Equipment operates with high voltage. Generator capacitors are electrically charged for a considerable time after being turned off. Do not touch modeling lamp or flash tube when mounting umbrella metal shaft in its reflector hole. Disconnect lamp head cable between generator and lamp head when changing modeling lamp or flash tube! The mains plug or appliance coupler is used as disconnect device. The disconnect device shall remain readily operable. Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.



## Caution – Burn Hazard – Hot Parts!

Do not touch hot parts with bare fingers! Modeling lamps, flash tubes and certain metal parts emit strong heat when used! Do not point modeling lamps or flash tubes too close to persons. All lamps may on rare occasions explode and throw out hot particles! Make sure that rated voltage for modeling lamp corresponds with technical data of user guide regarding power supply!

### NOTICE

## NOTICE – Equipment Overheating Risk

Remove transport cap from lamp head before use! Do not obstruct ventilation by placing filters, diffusing materials, etc. over inlets and outlets of the equipment ventilation or directly over glass cover, modeling lamp or flash tube!

## Note about RF!

This equipment makes use of the radio spectrum and emits radio frequency energy. Proper care should be taken when the device is integrated in systems. Make sure that all specifications within this document are followed, especially those concerning operating temperature and supply voltage range. Make sure the device is operated according to local regulations. The frequency spectrum this device is using is shared with other users. Interference can not be ruled out.



## Final Disposal

Equipment contains electrical and electronic components that could be harmful to the environment. Equipment may be returned to Profoto distributors free of charge for recycling according to WEEE. Follow local legal requirements for separate disposal of waste, for instance WEEE directive for electrical and electronic equipment on the European market, when product life has ended!

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## System description

The AcuteB2 generator is compact in size and weighs only a few kilos. Still, this battery powered flash generator offers all the functionality you need to bring high-quality light wherever you go. The seven f-stop range gives all the power the demanding photographer needs for creative freedom. The 2/10 f-stop control gives you the confidence that all the images will be exactly as you want them. Short flash duration gives images a crisp feel and the fast recycling time means that you never have to wait for the flash.

The AcuteB2 product family includes the following flash generators:

- AcuteB2 600 AirS Pb
- AcuteB2 600 AirS LiFe
- AcuteB2 600 AirS (344MHz) LiFe
- AcuteB2 600 AirS (433MHz) LiFe

The AcuteB2 600 AirS LiFe, AcuteB2 600 AirS (344MHz) LiFe and AcuteB2 600 AirS (433MHz) LiFe are equipped with a LiFePO<sub>4</sub> (LiFe) battery and the AcuteB2 600 AirS Pb with a Lead Acid (Pb) battery. For best performance, lower weight and longer battery life-time, we recommend using the AcuteB2 versions with LiFe battery.

### Profoto Air

Profoto Air is a system for convenient wireless synchronization and remote control of flash generators. The Profoto Air system is operating on one of eight selectable radio channels on the 2.4 GHz radio frequency band. The Profoto Air system can be used world-wide.

The Profoto Air radio functionality for wireless synchronization (not remote control) is integrated in all AcuteB2 generators.

The Profoto Air Remote and Profoto Air Sync devices allow wireless synchronization of practically an infinite number of AcuteB2 generators. For detailed information, please refer to the User's Guide for the Profoto Air Remote and Profoto Air Sync.

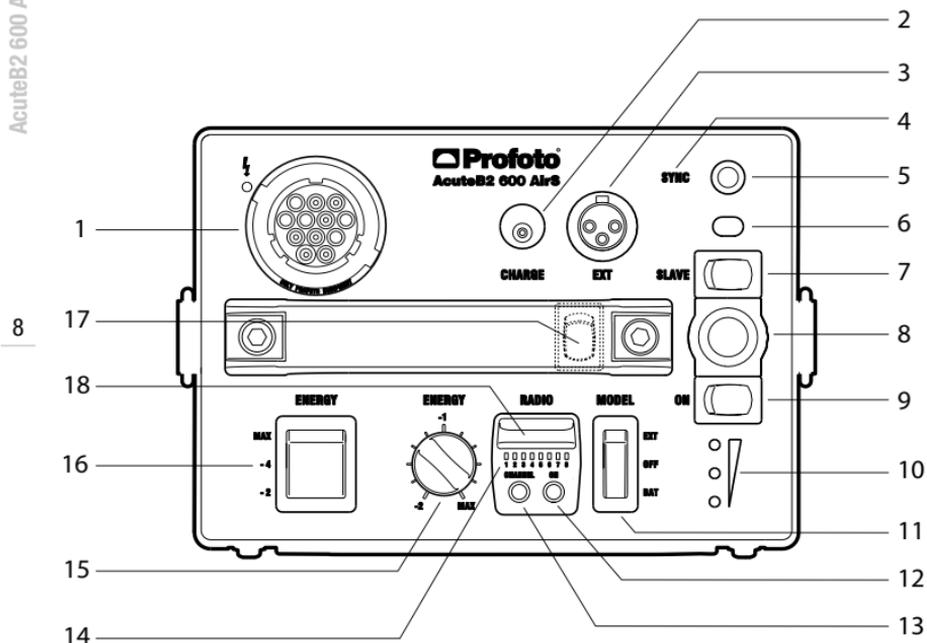
### Pocket Wizard

Wireless flash synchronization is also possible with the Pocket Wizard system, which is operating on either 344 MHz (USA) or 433 MHz (Europe). As rules and laws change all the time, please check your local regulations for the legal version.

The AcuteB2 600 AirS 344 MHz LiFe and AcuteB2 600 AirS 433 MHz LiFe have a built-in radio receiver compatible with all Pocket Wizard Transmitters and Transceivers working on the corresponding frequency.

For detailed information about the Pocket Wizard Transmitters and Transceivers, please refer to the Pocket Wizard manual.

# Nomenclature



- |                                     |                           |
|-------------------------------------|---------------------------|
| 1. Lamp Head Socket                 | 10. Battery Indicator     |
| 2. Charge Socket                    | 11. Modeling Light Switch |
| 3. Modeling Light Power Socket      | 12. Radio On/Off Button   |
| 4. Pocket Wizard Antenna (optional) | 13. Channel Button        |
| 5. Sync Socket                      | 14. Channel Indicator     |
| 6. Photocell                        | 15. Energy Control        |
| 7. Photocell Switch                 | 16. Energy Switch         |
| 8. Ready Lamp and Test Button       | 17. Sound Switch          |
| 9. On/Off Switch                    | 18. Profoto Air Antenna   |

# Functionality

## Battery

### LiFe Batteries

Profoto uses the most advanced and reliable rechargeable batteries: Lithium Ion Iron Phosphate (LiFePO<sub>4</sub>), short – LiFe batteries. These batteries include sophisticated electronics: A special constructed BMS board (Battery Monitoring System) controls and adjusts their output to assure an optimal performance.

LiFe cells offer a very high capacity, are lightweight, stand high loads and are very safe and reliable. The integrated electronics also protect the LiFe battery against deep-discharge and overheating. On top they have a much longer life-time than lead acid batteries and can be used in a wider temperature range. Because of their special construction it is possible to apply the same chargers for LiFe and Pb (lead acid) batteries; this simplifies the combined use of new and old battery generators and allows owners of previous Profoto battery generators to update their packs with the new LiFe batteries.

The AcuteB2 generator is available in two battery versions; LiFe or Lead Acid (Pb). The AcuteB2 600 AirS LiFe, the AcuteB2 600 344MHz AirS LiFe and the AcuteB2 600 433Mz AirS LiFe are equipped with a LiFe battery and the AcuteB2 600 AirS Pb with a Pb battery. The generator cannot be used without a battery in place.

Both battery types can be charged separately or with the battery in place in the generator, using a standard Profoto Charger. The charger is available in two versions, with different charging times, see section *Technical data*. The generator can be used during charging.

For a long battery Life, the Pb battery shall be charged as often as possible and preferably before the battery is fully discharged. The LiFe battery can be charged from any charge level, but should not be charged for longer time than necessary. Both battery types shall be fully recharged prior to storage.

The capacity of the Pb battery decreases dramatically when the battery temperature falls below freezing 0 °C (+32 °F). Since the LiFe battery is more capable of handling lower temperatures, we recommend to use the LiFe battery at lower temperatures.

Defective batteries shall be returned to the dealer for recycling. For details about the Pb and LiFe batteries, see section *Technical data*.

### Battery Indicator

The Battery Indicator [10] indicates the battery level. The indicator is updated when a flash is triggered. At start up, all three lamps will light up and a flash should be triggered to get an updated battery indication. Because of different discharge characteristics, the Battery Indicator [10] for a generator with Pb battery will slowly go from max to min, whereas the Battery Indicator [10] for a generator with LiFe battery will remain on max until it suddenly drops, when there is battery capacity for just a few more flashes.

## Energy control

The energy output is regulated over seven f-stops.

The energy can partly be adjusted with the Energy Switch [16] in 2 f-stop increments, from 1/1 down to 1/16 of the total energy (equivalent to five f-stops). Fine adjustment of the energy is made with the Energy Control [15] in 2/10 f-stop increments.

Since the generator has auto dump functionality, there is no need to trigger a flash to discharge the generator when the energy level is lowered.

## Recycling time

The flash recycling time depends on the energy level setting. When a short recycling time is required, the energy level shall be set as low as possible. The recycling time is also affected by the battery type, see section *Technical data*.

## Modeling light

The modeling light is constant and does not vary with the selected energy level. The maximum modeling light is 65 W, which with the high efficient 65 W Halostar™ halogen lamp is equivalent to a 90 W standard halogen lamp.

The Profoto Adapter 85 W can be connected to the generator for unlimited usage of modeling light. When the Profoto Adapter 85 W is connected, no power will be discharged from the battery for the modeling light.

The Modeling Light Switch [11] is used to select one of three modeling light alternatives:

- EXT: This position shall be used when the Profoto Adapter 85 W is connected to the Modeling Light Power Socket [3].
- BAT: In this position, the modeling lamp is powered from the battery.
- OFF: In this position, the modeling light is turned off.

## Sync signaling

The AcuteB2 generator can be synchronized with the camera in different ways; via cable, photocell or via radio.

- The Sync Socket [5] allows the camera or a flash meter to be connected. The 5 meter sync cord can be extended with sync extension cords.
- The Photocell [6] will sense a flash release as well as signals from most IR sync transmitters. The Photocell Switch [7] is used to enable/disable the Photocell [6].
- The Profoto Air radio system is integrated in all AcuteB2 generators, meaning that the generators can be synchronized via a Profoto Air Remote or Profoto Air Sync device.

- The AcuteB2 600 AirS 344MHz LiFe and the AcuteB2 600 AirS 433MHz LiFe generators have an integrated radio receiver for synchronization via the Pocket Wizard device.

Always check the manuals of the camera and synchro device about the shortest possible sync times before taking pictures!

## Radio operation

The Profoto Air radio receiver is turned on/off with the Radio On/Off Button [12].

The Pocket Wizard radio receiver is always in operation while the generator is powered on. When the Pocket Wizard system is used, it is recommended to turn off the Profoto Air system.

For best radio operation (Profoto Air and Pocket Wizard), do the following:

- Keep power, sync and lamp head cords away from the antenna (Pocket Wizard Antenna [4], Profoto Air Antenna [18]).
- Maintain line of sight between the transmitter (Profoto Air Sync/Remote or Pocket Wizard) and the generator whenever possible.
- When hiding the generator from view, try to not hide it behind or against metal or water filled objects as this affects radio range.
- For Pocket Wizard: keep the transmitter's antenna parallel with the generator antenna.

## Channel selection – Profoto Air

Channel selection is used to select one of eight specific frequencies in the 2.4 GHz band. The frequencies are evenly spread over the entire frequency band, to optimize reliable functionality. The large number of radio channels makes it possible to select a channel that is not interfered by other photographers using Profoto Air, or by WLAN and Bluetooth devices and other radio equipment operating on the same widely used 2.4 GHz frequency band.

Channel selection on the generator is made with the Channel Button [13]. The Channel Indicator [14] corresponding to the selected radio channel (1-8) is illuminated.

## Channel and Zone selection – Pocket Wizard

The Pocket Wizard radio receiver has a learning function, which means that during 30 seconds from power on it will try to detect a trigger signal on any of the 32 channels. If a trigger signal is detected, the radio receiver will lock to that channel. If no trigger is detected, the radio receiver will use the previously used channel. Actual photo shooting with radio should not be performed during the 30 second learn period, since the result may be unpredictable due to the channel learning process.

The Pocket Wizard radio receiver can also learn multiple zones on the Quad-Triggering channels, 17 through 32. This provides the photographer with the convenience of activating or deactivating the flash unit(s) wirelessly in four separately controllable zones (ABCD), without leaving the camera position.

Example: The teaching Transmitter is set to channel 17 with zones A, B, and C selected. If the generator is taught this combination it will trigger from any Transmitter set to channel 17 with zones A, B, or C selected. It will not trigger if only zone D is selected on the Transmitter. It will trigger if zones A and D are selected.

### **Audible and visible signals**

The Ready Lamp [8] is illuminated when the generator is fully charged (100%) and ready to flash. When the energy output is changed, the Ready Lamp [8] and the modeling lamp will be turned off, indicating that dumping or charging of the energy is in progress.

When the recycling of the generator is completed, there will be a short audible “beep” sound. If a flash is triggered before recycling or auto dumping (when the energy level has been lowered) is completed, there will be a long “beep”, indicating an underexposed or overexposed frame. The audible sounds can be turned off with the Sound Switch [17].

Test functionThe Test Button [8] is used to test that all light settings are correct and that the functionality is as expected. When the Test Button [8] is pressed, the generator will flash and the Ready Lamp [8] will be turned off. When the recycling of the generator is completed, the Ready Lamp [8] will be turned on again.

### **Flash before ready**

The “Flash before ready” function makes it possible to flash before the recycling or auto dumping of the generator is fully completed. When a flash is released before the generator is 100% ready, there will be a long “beep”, indicating an incorrectly exposed frame. Naturally the flash light may not correspond fully to the set value. The incorrect exposure of the frame may be so small that it makes no significant difference and the frame may still be usable if the catch of the moment was perfect.

### **Safety functions**

If the generator overheats, the recycling will slow down or stop. After a while, when the temperature has decreased sufficiently, the generator will start recycling as normal. The generator automatically shuts down if the battery level is too low, to protect it from deep battery discharge. The 40 A fuse mounted on the battery cassette protects it from short circuit damage.

## Reliability testing – the R-test

The Profoto R-test guarantees that all products leaving the factory meet the very high standards required for professional equipment by professional photographers. After the test, the equipment is examined to verify that all parts have kept a normal operating temperature and are not malfunctioning in any way. All Profoto products are subject to the R-test prior to shipping.

## Color temperature

Since the color temperature is constant and reliable, the AcuteB2 is perfectly suited for digital photography. By turning the Energy Control [15] from MAX to -2, the color temperature is changed nominally -150 K. Color temperature in between MAX to -4 is changed nominally  $\pm 300$  K. Flash to Flash color precision,  $\pm 50$  °K. Optional glass covers are available for further color temperature adjustments.

## Flash duration

The full power short flash duration has more advantages than freezing a moving object, for example to cut out exposure influence from indoor ambient light as well as direct sunlight. Consult the camera manual for information about the shortest flash sync time.

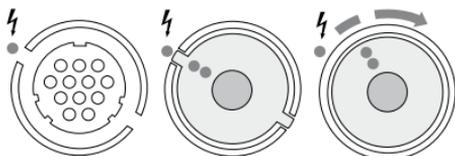
The shortest flash duration (1/6800s) is achieved with the Energy Switch [16] set to -4 and the Energy Control [15] set to MAX.

# Operating instructions

## Lamp head connection

1. When connecting the lamp head plug to the Lamp Head Socket [1], align the white dots on the plug with the white dot on the generator panel. Secure by turning the ring on the plug clockwise.

### CONNECTING LAMP HEAD



## Turn on generator

1. Set the On/Off Switch [9] to **ON**.
2. The Ready Lamp [8] will be illuminated when the generator is ready.

## Settings

1. Use the Modeling Light Switch [11] to select **EXT**, **BAT** or **OFF**.
2. Use the Energy Switch [16] and the Energy Control [15] to set the energy level.
3. Use the Sound Switch [17] to turn on/off the audible sounds.

## Sync via cable

1. Connect a sync cord from the camera or a flash meter to the Sync Socket [5].

## Sync via Photocell

1. Connect an IR transmitter to the camera.
2. Set the Photocell Switch [7] to **SLAVE**.

## Sync via radio – Profoto Air

1. Press and hold down the Radio On/Off Button [12] to turn on the Profoto Air receiver. The Channel Indicator [14] of the previously used channel will be illuminated.
2. To change channel, press the Channel Button [13] until the desired Channel Indicator [14] is illuminated.
3. The AcuteB2 generator is now ready to flash, with the selected radio channel.

## Sync via radio – Pocket Wizard

The Pocket Wizard radio receiver is always in operation while the generator is powered on. The previously used channel and zone is selected by default.

To change channel and zone:

1. Select the desired channel and zone on the Pocket Wizard device (Transmitter or Transceiver).
2. Turn off the generator and wait 5 seconds.
3. Turn on the generator.
4. Within 30 seconds, press and hold the TEST button on the Pocket Wizard device (up to 4 seconds) until flash triggers. If using a Sekonic meter with radio module as transmitter, press the measure button repeatedly within the 30 second learning period until the flash triggers.



**NOTE:** During channel and zone selection, other Pocket Wizard transmitters should refrain from triggering to prevent the receiver from locking to the incorrect channel.

## Turn off generator

The generator automatically turns off after 120 minutes when not in use.

1. To turn off the generator, press and hold down the On/Off Switch [9] for 2 seconds.

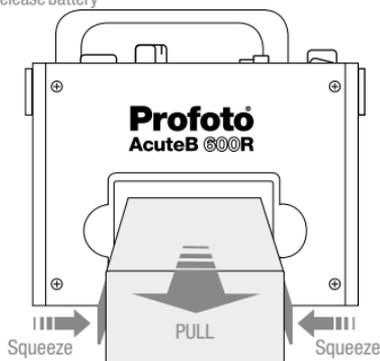
# Maintenance

## Battery replacement

1. Release the battery by squeezing the two safety clamps. Pull out the battery.
2. Make sure the text “This side up” on the new battery is facing upwards. Push the battery all the way into the generator. Make sure there is a “click” sound from each safety clamp, which indicate that the battery is properly secured.

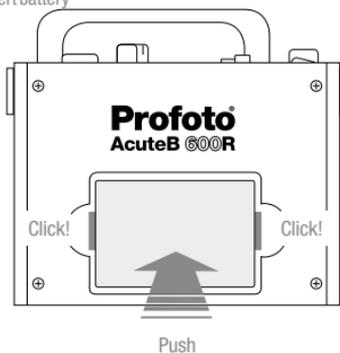
### CHANGING BATTERY

Release battery



### CHANGING BATTERY

Insert battery



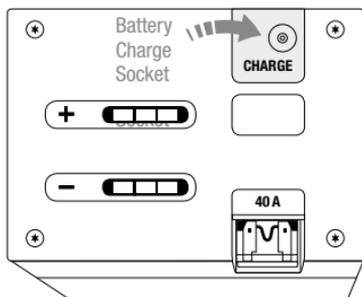
## Battery charging

The battery can be charged separately or with the battery in place in the generator. The charging time depends on the type of charger, see section *Technical data*.

Charging the battery separately:

1. Connect the Profoto Charger 1A or the Profoto Charger 2A to the Battery Charge Socket on the battery, see figure below.

### BATTERY CHARGING



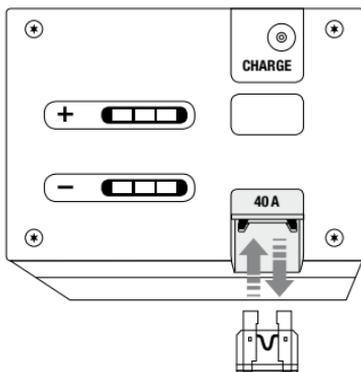
Charging the battery in place in the generator:

1. Connect the Profoto Charger 1A or the Profoto Charger 2A to the Charge Socket [2] on the generator. The generator can be used during the battery charging.  
To use the AcuteB2 while charging we recommend the 2A charger that will increase the operating time considerably.

## Changing battery fuse

The 40 A fuse holder is placed on top of the battery.

### CHANGING BATTERY FUSE



1. Pull out the fuse.
2. Gently push the new 40 A fuse all the way into the fuse holder.

## IMPORTANT INFORMATION:

Use original Profoto Pb or LiFe batteries only! Batteries made by other manufacturers can lead to improper function and even damage the generator.

Malfunctions and defects created by the use of a third-party battery are not covered by warranty.

## Accessories

Acute-B Head

Acute/D4 Head\*

Acute/D4 Twin\*

Acute/D4 Ring

65W Model Lamp Adapter

Acute Kit Bag

Profoto Air Sync/Remote

Pocket Wizard Transceiver

Profoto Adapter 85 W

Profoto Charger 1A

Profoto Charger 2A

Shoulder Strap

Please consult with your local dealer or distributor for specific information.

\* Special adapter needed for modeling light.

# Technical data

Energy	600Ws							
Input	12V							
Energy Control	Over a seven f-stop range, in 2/10 step adjustments							
f-stop at 2 m (ISO 100/21°)	64.2 with Magnum 50° reflector							
Recycling time	LiFe battery: 0.08-2.0 s @ full Pb battery: 0.09-2.5 s @ full							
Flash Capacity	Ws:	600	300	150	75	37	18	9
No of flashes at different energy settings	Energy:	Max	-1	-2	-3	-4	-5	-6
Pb	Flashes:	160	320	600	1200	2000	4000	8000 (Pb)
LiFe	Flashes:	200	400	800	1600	3200	6400	12800(LiFe)
Modeling light	65W continuous modeling light (similar to 90W halogen)							
Flash Duration (t0.5)	Ws:	600	150	37				
	Time:	1/1000	1/2700	1/6800				
Energy Precision	1/75 f-stop flash-to-flash							
Energy Range	Ws:	600	300	150	75	37	18	9
	f-stop:	1/1	1/2	1/4	1/8	1/16	1/32	1/64
	Ev:	Max	-1	-2	-3	-4	-5	-6
Auto Dumping	Yes							
Battery type	LiFe battery: 13.2V, 4.6 Ah, LiFePo4 Pb battery: 12.0V, 5.0 Ah, Non-spillable lead/acid							
Battery charging time	5 h with Profoto Charger 1A 2.5 h with Profoto Charger 2A							
Battery status indicator	LiFe battery: Yes, but because of the discharge characteristics of the battery, the indicator will remain on max until it suddenly drops when there is capacity for just a few more flashes. Pb battery: 1/1, 1/2 and 1/4 indicators							
Battery life	LiFe battery: 1 200 charge cycles 80% capacity left Pb battery: 300 charge cycles 80% capacity left							

Battery operating temperature range	LiFe battery: -20 °C to +50 °C (-4 °F to +120 °F) Pb battery: +5 °C to +30 °C (+40 °F to +86 °F)
Battery storage temperature range	LiFe battery: -30 °C to +60 °C (-20 °F to +140 °F) Pb battery: -10 °C to +40 °C (+14 °F to +100 °F)
Fuse	40A
Lamp Head Socket	1 socket
Radio Sync	Profoto Air: range up to 300 m, channel selector on generator Pocket Wizard: range up to 100 m, channel selector learn mode
Radio remote control	No
Sync Socket	1 socket
Sync Voltage	Compliant to ISO 10330 Standard
Size	(w) 19 x (d) 13.5 x (h) 20 cm (7.5 x 5.3 x 7.9 in) incl. handle.
Weight	2.8 kg (6.2 lbs), exclusive of battery 3.6 kg (8.9 lbs), including LiFe battery 4.8 kg /10.6 lbs), including Pb battery

All data are to be considered as nominal and Profoto reserves the right make changes without further notice.

## Regulatory information – Profoto Air

The regulatory information in this section applies to the Profoto Air system.

### World-wide Usage of Radio Spectrum

The Profoto Air system operates on the license-free 2.4GHz ISM band for SRD (Short Range Devices). This band may be used in most parts of the world. Regional restrictions may apply.



**NOTE:** Refer to national regulations for the region where the Profoto Air Sync or Profoto Air Remote unit shall be operated and make sure that they are followed.

# EU Declaration of Conformity

In accordance with the Radio and Telecommunications Terminal Equipment Act and Directive 1999/5/EC (R&TTE Directive)

Manufacturer: Profoto AB  
Address: Box 2023, 128 21 SKARPNÄCK, Sweden  
Product: 2.4GHz SRD communication module  
Type: Profoto Air Remote, Profoto Air Sync, Profoto Air USB

Profoto declares that the product complies with the essential requirements of §3 and the other relevant provisions of the FTEG (Article 3 of the R&TTE Directive) when used for its intended purpose.

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Harmonised standards applied:

Air Interface of the radio systems pursuant to article 3(2)  
EN 300 328

Protection requirements concerning electromagnetic compatibility according to article 3(1)b:  
EN 301 489-1, EN 301 489-17, EN 61000-4-3

Skarpnäck, 2009-03-02



Bo Dalenius, VP Technology and QA  
Profoto AB

# Unites States and Canada F.C.C. and Industry Canada

Compliance Statement (Part 15.19)

This device complies with Part 15 of FCC rules and RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference and,
- 2) this device must accept any interference received, including interference that may cause undesired operation.



## Warning (Part 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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**23**

Ce dispositif est conforme aux normes RSS-210 d'Industrie Canada.

L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes :

- 1) il ne doit pas produire de brouillage et
- 2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

The term 'IC' before the certification/registration number only signifies that the Industry Canada technical specifications were met.

Les lettres 'IC' n'ont aucune autre signification ni aucun autre but que d'identifier ce qui suit comme le numéro de certification/d'enregistrement d'Industrie Canada.

**Profoto AB**

**Transmitter / Receiver**

**MODEL: Profoto Air Sync**

**PRODUCT NO: PCA5108-0000**

**MODEL: Profoto Air Remote**

**PRODUCT NO: PCA5102-0000**

**MODEL: Profoto Air USB**

**PRODUCT NO: PCA5104-0000**

**FCC ID: W4G-RMI**

**IC: 8167A-RMI**

**Made in Sweden**

## Japan

The module has been granted modular approval for sale and operation in Japan.

特定無線設備の種類

Classification of specified radio equipment:

Article 2, Clause 1, Item 19

2.4 GHz Wide Band Low Power Data Communication

上記のとおり、電波法第38条の24第1項の規定に基づく認証を行ったものであることを証する。

This is to certify that the above-mentioned certification by type has been granted in accordance with the provisions of Article 38-24, Paragraph 1 of the Radio Law.



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Ⓡ202WW08109204

# Regulatory information – Pocket Wizard

The regulatory information in this section applies to the Pocket Wizard system.

## Operating frequencies

The Pocket Wizard radio system is operating on either 344 MHz (USA) or 433 MHz (Europe). If you are in any doubt about the frequency allowed in your country, please get in contact with the local Profoto distributor BEFORE you activate the Pocket Wizard Transmitter. It is strictly forbidden by law to use these frequencies in other countries.

## Unites States

The Pocket Wizard equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna by changing the position of the generator.
- Connect the equipment into an outlet on a circuit different from that to which the generator is connected.
- Consult the dealer or an experienced technician for help.



Technical data and product information are subject to change without notice.

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