

Pro-B3 1200 AirS

User's Guide



Thank you for choosing Profoto

Thanks for showing us your confidence by investing in a Pro-B3 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 Pro-B3 1200 AirS Li generator is a portable flash generator with a performance surpassing many studio generators. The Pro-B3 features an eight f-stop range in 1/2 or 1/10 step adjustments, asymmetrical or symmetrical power distribution, recycling in 0.04-1.8 seconds, very short flash durations from 1/2200 – 1/7400 second, continuous or timer controlled modeling light up to 250 W and built in radio sync. Despite its professional performance, the Pro-B3 is a quite small and lightweight unit that measures just 24x17x23cm and weights 8,8kg including battery. The Pro-B3 generator is the top-of-the-line battery generator from Profoto.

All actual Pro-B, ProHead, ProTwin, ProRing and ProRing2 flash heads a fully compatible with the Pro-B3.

The Pro-B3 product family includes the following flash generators:

- Pro-B3 1200 AirS LiFe
- Pro-B3 1200 AirS Li (344MHz) LiFe
- Pro-B3 1200 AirS Li (433MHz) LiFe

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 Pro-B3 generators.

The Profoto Air Remote Li and Profoto Air Sync devices allow wireless synchronization of practically an infinite number of Pro-B3 generators. For detailed information, please refer to the User's Guide for the Profoto Air Remote and Profoto Air Sync.

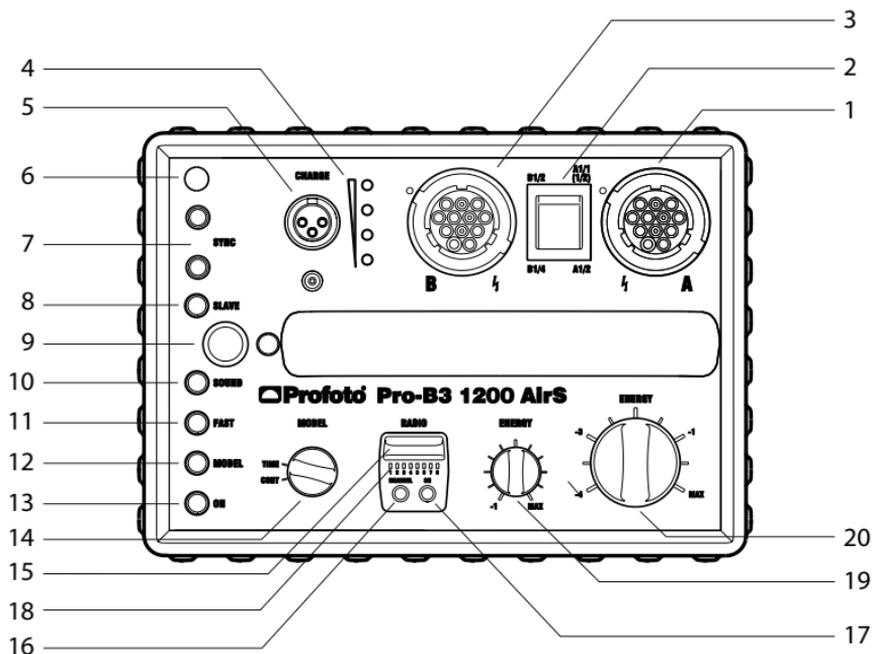
Pocket Wizard

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 Pro-B3 1200 AirS (344MHz) LiFe and Pro-B3 1200 AirS (433MHz) 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 A | 11. Recycling Button |
| 2. SYM/ASYM Switch | 12. Modeling Light Button |
| 3. Lamp Head Socket B | 13. On/Off Button |
| 4. Battery Indicator | 14. Modeling Light Control |
| 5. Charge Sockets | 15. Profoto Air Antenna |
| 6. Photocell | 16. Channel Button |
| 7. Sync Sockets | 17. Radio On/Off Button |
| 8. Slave Button | 18. Channel Indicator |
| 9. Ready Lamp and Test Button | 19. Fine Energy Control |
| 10. Sound Button | 20. Energy Control |

Functionality

LiFe Batteries

Profoto uses the most advanced and reliable rechargeable batteries: Lithium Ion Iron Phosphate (LiFePO₄), 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 Pro-B3 generator is equipped with a LiFe battery. The generator cannot be used without a battery in place.

The battery can be charged through the mains outlet using a Profoto Charger 2A or from the car cigarette lighter using the Profoto Charger UPA. The battery can be charged separately or with the battery in place in the generator. The generator can be used during charging. The battery can be charged from any charge level, but should not be charged for longer time than necessary. For a long battery life, the battery shall be fully recharged prior to storage.

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

Power on/off

The generator is normally turned on manually, by pressing the On/Off Button [13]. If a sync signal from a camera is received via one of the Sync Sockets [7], the generator automatically turns on.

The generator automatically turns off after 30 minutes when not in use. For manual power off, press the On/Off Button [13] for more than three seconds.

Battery Indicator

The Battery Indicator [4] indicates the battery level. The indicator is updated when a flash is triggered. At start up, all four lamps can lit up, and a flash should be triggered to get an updated battery indication. Because of the discharge characteristics of the LiFe battery, the Battery Indicator [4] 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 eight f-stops.

The energy can partly be adjusted with the Energy Control [20] in 1/2 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 Fine Energy Control [19] in 1/10 f-stop increments.

The energy is also partly adjusted with the SYM/ASYM Switch [2] and through the use of one or two lamp heads:

One lamp head:

- If the lamp head is connected to Lamp Head Socket A [1], the total of the selected energy is obtained if the SYM/ASYM Switch [2] is set to position “A1/1 (1/2)” and half of the energy if the SYM/ASYM Switch [2] is set to position “A1/2”.
- If the lamp head is connected to Lamp Head Socket B [3], half of the selected energy is obtained if the SYM/ASYM Switch [2] is set to position “B1/2” and a quarter of the energy if the SYM/ASYM Switch [2] is set to position “B1/4”.

Two lamp heads:

- The selected energy can either be distributed evenly through the two lamp heads, by setting the SYM/ASYM Switch [2] to position “B1/2, A1/1 (1/2)”.
- Alternatively, twice as much energy (equivalent to one f-stop ratio) will be output through lamp head A, by setting the SYM/ASYM Switch [2] to position “B1/4, A1/2”.

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 recycling time is controlled with the Recycling Button [11]. When the Recycling Button [11] is released, the generator will recycle at normal speed; when the button is pushed down, the recycling will be faster.

The recycling time also depends on the energy level setting. When a short recycling time is required, the energy level shall be set as low as possible. For details on recycling times, 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 250 W. The modeling light is automatically dimmed down to max 250 W if a 500W model lamp is used. Since the efficiency (output) is higher when using a 100 or 250 W lamp head, we recommend using max 250 W heads.

The Modeling Light Button [12] is used to turn on/off the modeling light.

The Modeling Light Control [14] is used to select time controlled or continuous modeling light:

- **TIME:** To save the battery, the modeling light is automatically turned off after 10 seconds or when a flash is triggered. By pressing the Modeling Light Button [12] two or three consecutive times, the modeling light will stay on for 30 and 60 seconds respectively. For every period of 20 seconds that the modeling light is turned on, the battery capacity decreases by the equivalent of two flashes at full energy.
- **CONT:** The modeling light is continuously on, but the modeling lamp will automatically dim down during recycling or when the energy output is changed. In this position, the battery is drained within 20-60 minutes depending on the lamp head used (100 or 250 W) and the number of flashes triggered.

If the former Pro-7 heads are used on the Pro-B3 we recommend to turn off the model light.

Sync signaling

The Pro-B3 generator can be synchronized with the camera in different ways; via cable, photocell or via radio.

- The two Sync Sockets [7] allow the camera and a flash meter to be connected simultaneously. The 5 meter sync cable can without restrictions be extended with sync extension cords. Further sync connections can be made with the Profoto sync interconnection cable or by so called “hard wiring”. A slave signal from the Photocell [6] can be forwarded through this cable to another flash generator.
- The Photocell [6] will sense a flash release as well as signals from most IR sync transmitters. The Photocell is enabled when the Slave Button [8] is pushed down. The Photocell can also, via cable, trigger off an additional generator.
- The Profoto Air radio system is integrated in all Pro-B3 generators, meaning that the generators can be synchronized via a Profoto Air Remote or Profoto Air Sync device.
- The Pro-B3 AirS 344MHz and the Pro-B3 AirS 433MHz 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 [17].

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.
- 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 [16]. The Channel Indicator [18] 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 [9] is illuminated when the generator is fully charged (100%) and ready to flash. When the energy output is changed, the Ready Lamp [9] 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. Before the generator automatically turns of (after 30 minutes when not in use), there will a number of short “beeps”. The audible sounds are enabled when the Sound Button [10] is pushed down, and disabled when the button is released.

Test function

The Test Button [9] is used to test that all light settings are correct and that the functionality is as expected. When the Test Button [9] is pressed, the generator will flash and the Ready Lamp [9] will be turned off. When the recycle of the generator is completed, the Ready Lamp [9] 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. There are three fuses on the battery cassette; one is for the charging circuits and two for the battery. Furthermore the lamp connectors are short-circuiting proof.

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 Pro-B3 is perfectly suited for digital photography. By turning the Energy Control [20] from MAX to -4 and the Fine Energy Control [19] from MAX to -1, the color temperature is changed nominally -250 K. Flash to Flash color precision, ± 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.

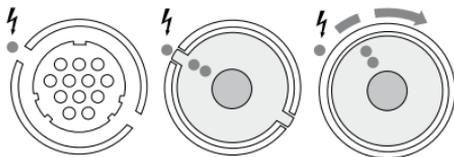
The shortest flash duration (1/7400s) is achieved with both the Energy Control [20] and the Fine Energy Control [19] set to MAX, the SYM/ASYM Switch [2] set to "B1/4,A1/2" and with only one lamp head connected to Lamp Head Socket B [3].

Operating instructions

Lamp head connection

1. When connecting the lamp head plug to the Lamp Head Socket A [1] and/or Lamp Head Socket B [2], 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. Press the On/Off Button [13].
2. The Ready Lamp [9] will be illuminated when the generator is ready.

If the generator is connected via a sync cord to a camera, it automatically turns on when a sync signal is received.

Settings

- Use the Modeling Light Control [14] to select TIME or CONT. Press the Modeling Light Button [12] to turn on the modeling light.
- Use the Energy Control [20], the Fine Energy Control [19] and the SYM/ASYM Switch [2] to set the energy level.
- Push down the Recycling Button [11] for fast recycling; release for normal speed.
- Push down the Sound Button [10] to enable audible sounds; release to disable the sounds.

Sync via cable

1. Connect a sync cord from the camera or a flash meter to one of the Sync Sockets [7].

Sync via cable + flash meter

1. Connect a sync cord from the camera to one of the Sync Sockets [7] on the generator.
2. Connect another sync cable from the flash meter to the free Sync Socket [7].

Sync via Photocell

1. Connect an IR transmitter to the camera.
2. Push down the Slave Button [8].

Sync via radio – Profoto Air

1. Press and hold down the Radio On/Off Button [17] to turn on the Profoto Air receiver. The Channel Indicator [18] of the previously used channel will be illuminated.
2. To change channel, press the Channel Button [16] until the desired Channel Indicator [18] is illuminated.
3. The Pro-B3 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.

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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 30 minutes when not in use.

1. To turn off the generator, press and hold down the On/Off Button [13] for more than three seconds.

Maintenance

Battery replacement

1. Release the battery cassette by sliding the two handles towards the middle. Pull out the battery.
2. Slide the two handles of the new battery towards the middle and push the battery all the way into the generator.
3. Lock the battery cassette by sliding the handles away from each other.



Slide handles towards the middle when removing and refitting the battery.



Slide handles away from each other to lock the battery cassette.

Battery charging

The battery can be charged separately or with the battery in place in the generator, using the Profoto Charger 2A or the Profoto Charger UPA. The charging time depends on the type of charger, see section *Technical data*.

Charging the battery separately:

1. a) Connect the Profoto Charger 2A to the smaller battery charge socket the battery.
b) Connect the Profoto Charger UPA to the larger charge socket on the battery.

Charging the battery in place in the generator:

1. a) Connect the Profoto Charger 2A to the smaller of the Charge Sockets [5] on the generator.
b) Connect the Profoto Charger UPA to the larger of the Charge Sockets [5] on the generator.

Changing battery fuse

There are three 40A fuses on the battery cassette.

1. Ensure that the Pro-B3 generator is turned off.
2. Pull out the fuse.
3. Gently push the new 40 A fuse all the way into the fuse holder.

Mains operation (charging while in use)

The optional Profoto Universal Power Adapter (UPA) can be used to increase the operating time of a Pro-B3 in the studio seriously. On top the UPA operates as 12V/24V car charger (adapter cable included).

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

ProHead

ProTwin*

ProRing

ProRing2

Pro-B head

Profoto Charger 2A

Profoto Universal Power Adapter (UPA)

Pro-B protective bag

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

*If a ProTwin lamp head is connected to two Pro-B3 generators, 2400Ws can be obtained.

Technical data

Energy	1200 Ws f-stop at 2 m with Magnum 50° reflector 90.3
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 time	0.06-1.8 s @ full (0,9 s at 600 Ws)
Flash duration	1/2200 – 1/7400 s (with Pro-Head and Pro-B head). NOTE: ProTwin and two Pro-B3 generators on the same equivalent power give half the recycling time and shorter flash duration.
No. of flashes per charge	300 @ full, > 30 000 @ min
Number of Lamp Head Sockets	2
Modeling light	Up to 250W continuous or time controlled (max 60 s)
Auto Dumping	Yes
Battery type	13.2V, 11.5 Ah, LiFePo4
Battery charging time	5 h with Profoto Charger 2A 2.5 h with Profoto Universal Power Adapter UPA
Battery status indicator	Yes NOTE: 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.
Battery life	1 200 charge cycles 80% capacity left
Battery operating temperature range	-20 °C to +50 °C (-4 °F to +120 °F)
Battery storage temperature range	-30 °C to +60 °C (-20 °F to +140 °F)
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
Size	(w) 17 x (d) 24 x (h) 28 cm (6.7x9.4x11 in) incl. handle.
Weight	6.4 kg (14.1 lbs), exclusive of battery 8.8 kg (19.0 lbs), including battery
Others	Built in photocell, 2 sync sockets

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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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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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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