

User guide

Profoto L600D

Profoto L600C

For other languages visit:

Pour les autres langues, veuillez consulter:

www.profoto.com/support



General safety instructions



IMPORTANT SAFETY INFORMATION & WARNINGS!

Before operating the equipment, you must read both the Quick Start and Safety Guide (QSSG) and this User Guide. The QSSG contains vital safety and regulatory information and must always be kept accessible to the user.

This product is intended for professional indoor use only.



General warnings

- Avoid rapid temperature changes in humid environments – this can cause internal condensation.
- Do not operate the equipment in areas with flammable gases, dust, or strong electromagnetic fields.
- Only use with approved light shaping tools and Profoto-recommended power cables.
- If the light source is damaged or deformed by heat, it must only be replaced by Profoto or an authorized service partner.
- Always lift by the handles, never by connectors or cables.
- Never install or operate the product in small confined spaces; ensure proper ventilation and do not block ventilation openings. Ensure that the fan blades can move freely.
- Remove the transport cap before use.
- Keep the product away from direct sunlight, heat sources, or fire.
- Profoto products are only intended for image capture (photo and video) – no other use is permitted.
- When adjusting the yoke, be aware of pinch risks to your hands.
- Always secure the fixture with a safety strap when mounting.



WARNING - Electrical Shock - High Voltage!

- Always connect the product to a mains outlet with protective earth (grounding).
- Never open, disassemble, or attempt to repair the product yourself. High voltage (hazardous live) may be present even when powered off or unplugged.
- Only authorized Profoto service personnel may repair, modify, or service the unit.
- If the product enclosure is damaged, stop using it immediately, disconnect power, and contact Profoto Service.
- The disconnect device is the mains plug. Ensure it remains easily accessible at all times. Always unplug by gripping the plug, not the cable.



- Do not use household extension cords – they may overheat.
- Make sure the rated input voltage and current matches what is listed in the User Guide.

Caution – Burn Hazard!

- Some surfaces, metal parts, lenses, or glass covers near the light source may become very hot during operation.
- Do not touch hot parts with bare fingers.
- Do not position the light source too close to people or objects.
- Maintain a minimum distance of 0.3 m to the nearest surface.

Caution - Optical Radiation!**NOTICE**

- This product emits high-intensity optical radiation.
- Do not stare directly into the light source when in operation – it may be harmful to the eyes.

Note about RF (Radio Frequency)

- This equipment emits radio frequency (RF) energy and uses shared spectrum. Interference cannot be ruled out.
- Operate in accordance with local RF regulations.
- Regulations may change – keep your firmware up to date using the Profoto app.
- To comply with RF exposure rules, maintain at least 20 cm distance between the user and the device during normal operation.

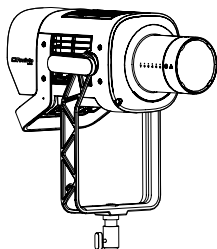
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Items included

These items should be included with your product. Contact your dealer if you find that anything is missing in the box.



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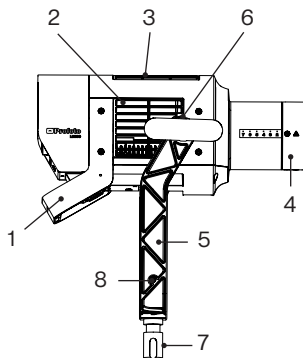
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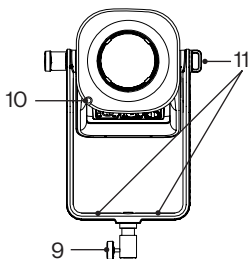
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1. L600C/L600D lamp with yoke
2. Transport & storage case
3. Protective transport cap
4. AC power cord (7m / 23 ft)
5. Safety strap
6. QSSG (Quick Start and Safety Guide)

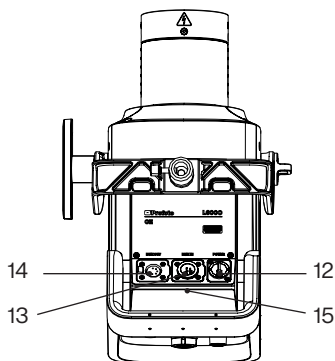
Lamp overview



- | | |
|------------------|-------------------------------|
| 1. Handle | 5. Yoke |
| 2. Fan intake | 6. Yoke lock |
| 3. Fan exhaust | 7. Stand adapter |
| 4. Profoto mount | 8. Stand adapter screw holder |



- | | |
|------------------------|-----------------------------------|
| 9. Stand adapter screw | 11. Safety wire connection points |
| 10. Umbrella mount | |

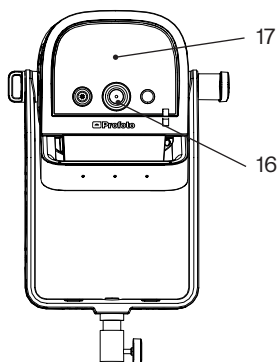


12. Power/AC inlet

13. DMX IN port

14. DMX OUT port

15. USB service port



16. Control dials and buttons

17. Display

Safe Handling and Transport

Read the safety instructions.

Always inspect the unit before use. If there are any open cracks in the housing do not use the product.

Always let unit cool down after use.

Always mount the protective transport cap and place the unit in the provided case to prevent damage during transport.

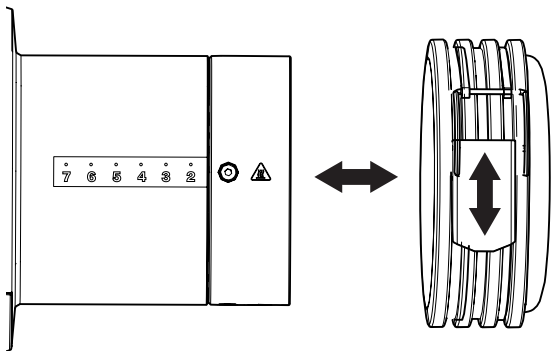
Setup instructions

Removing and mounting the protective cap

Always remove the protective transport cap before using the lamp.

Always mount the transport cap when transporting the light.

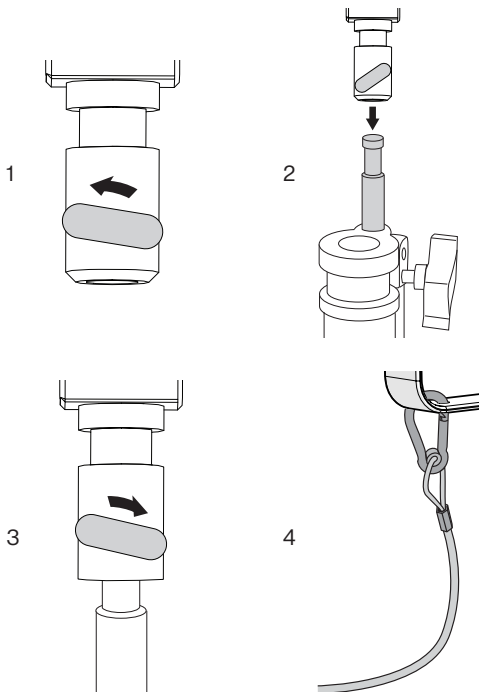
1. To remove the cap, unlock the clasp and pull it from the lamp front of the lamp.
2. To mount the cap, make sure the clasp is unlocked and push it onto the front of the lamp. Lock the clasp.



Mounting lamp

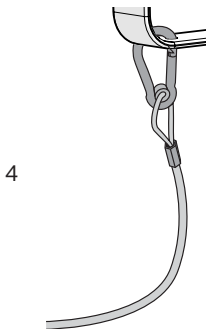
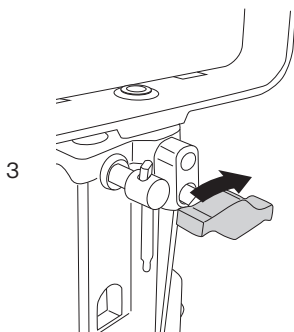
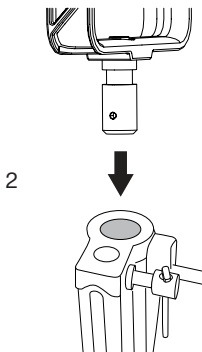
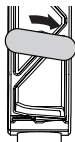
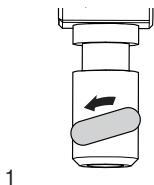
Mounting lamp on stand with Baby Pin (16 mm / 5/8")

1. Loosen the stand mount locking screw.
2. Slide the mount onto the baby pin.
3. Tighten the locking screw to secure to the baby pin.
4. Secure the lamp to the stand mount by attaching the safety to any of the safety wire connection points on the yoke.



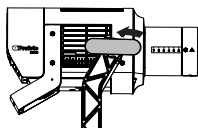
Mounting lamp on stand with Junior Receiver (28 mm)

1. Remove the locking screw from the stand mount and attach it to the thread on the right side of the yoke.
2. Insert the stand mount into the Junior receiver on the stand.
3. Tighten the screw on the Junior receiver.
4. Secure the lamp to the stand mount by attaching the safety to any of the safety wire connection points on the yoke.

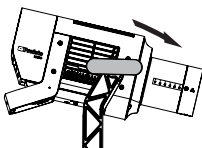


Adjusting the yoke tilt angle

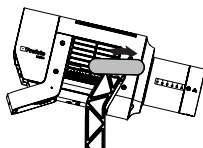
1. Loosen the yoke lock.
2. Set the desired tilt angle.
3. Tighten the yoke lock.



1



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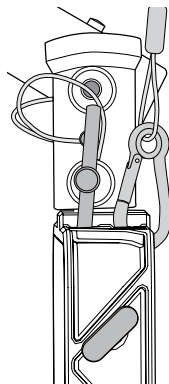
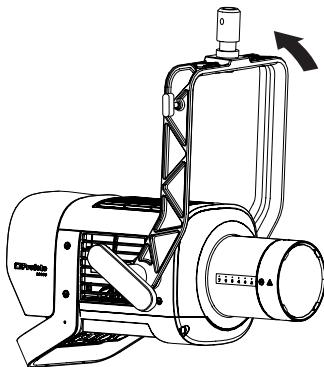
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Caution:

When rotating the yoke – there is a risk of pinching fingers.

Mounting lamp in ceiling

1. Rotate the yoke 180 deg when mounting in ceiling. **Do not mount the lamp upside down**, as this will reduce the cooling capacity.
2. Secure the lamp to the ceiling mount by attaching the safety to any of the safety wire connection points on the yoke.



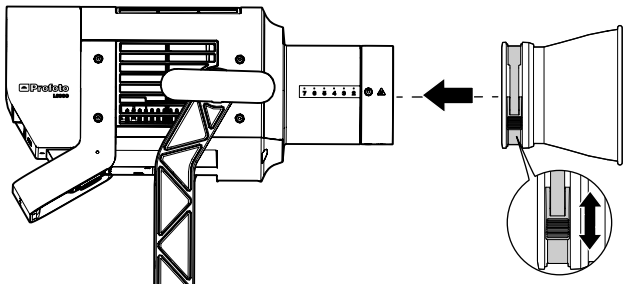
Mounting Profoto Light Shaping Tools

Mounting reflectors

The L600D or L600C features the standard Profoto mount, making it compatible with a wide range of Profoto light shapers (reflectors, lenses, softboxes and more).

Profoto reflectors are equipped with Profoto's unique clamp mechanism. This makes them easy to mount and allows you to adjust the beam angle by simply sliding the reflector back and forth along the zoom scale on the unit.

1. Unlock the clasp on the reflector.
2. Slide the reflector onto the front of the L600D/C. Use the zoom scale as a memo for where to position the reflector.
3. Secure the reflector by locking the clasp on the reflector.

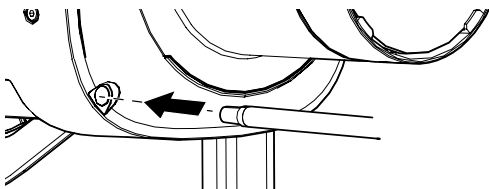


Caution:

- Be aware that light shapers and parts close to the light source can become very hot during operation.
- Secure heavy light shapers to the fixture by attaching a safety wire to any of the safety wire connection points on the yoke.

Mounting umbrellas

Umbrellas are easily mounted by sliding the umbrella shaft into the integrated umbrella holder. Note that the umbrella shaft diameter must be between 7 mm and 8 mm to fit into the umbrella holder.



Caution!

This lamp emit intense light and heat when used at max power. Keep minimum 30 cm distance between umbrella rods/fabric and the light emitting surface to avoid potential damage to umbrella rods and fabric.

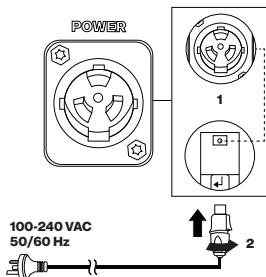
Connecting the Power Cable

Caution!

Before connecting power cable, always ensure that the protective transport cap on the lamp is removed.

To connect:

1. Align the powerCON plug with the positioning slot on the AC inlet.
2. Insert the plug fully, and twist clockwise until it locks securely with a click.



To disconnect:

1. Turn off the lamp before disconnecting.
2. Pull back the release latch on the powerCON plug.
3. Twist counterclockwise and pull the plug straight out.

Product registration

Before using your product for the first time, we highly recommend registering it and checking for firmware updates. By registering, you'll ensure that we can notify you of future updates.

If you register your product **within 60 days of purchase**, you will also receive:

- 1 extra year of Standard Warranty.
- Option to purchase 1–3 years of Extended Warranty (up to 5 years total).

To register and update your product:

1. Download Profoto Control from the App Store or Google Play.
2. Open the app and create an account.
3. Power on your light and connect it via the app – it will be registered automatically.
4. If a firmware update is available, it will appear in the app. Tap Update to proceed.

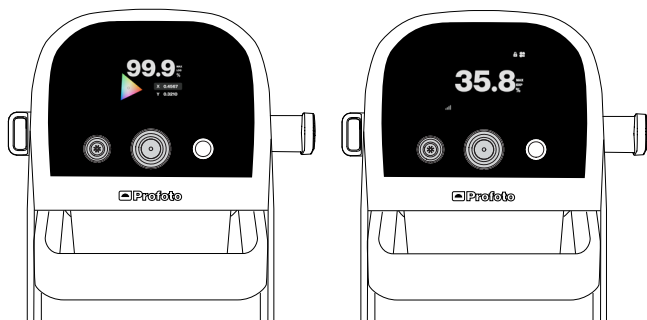
For details, see the Firmware Updates section.

To claim your extended warranty:

1. Go to profoto.com/myprofoto and log in with your account.
2. Navigate to your product and enter the purchase date to activate the 1-year extended standard warranty.
3. Choose if you wish to purchase additional extended warranty (1–3 years).

Operating Instructions

Control button and Dial functions



Right (white) button – On/Off

- **Short press:** Turn the lamp on or off.
- **Long press:** Turn off the unit.
- **In settings menu:** Short press to exit the menu.

Center dial – Main dimmer

- **Rotate:** Adjust light intensity (0.0-100%). Faster rotation increases speed.
- **Short press:** Open the settings menu.
- **Long press:** Lock or unlock the controls.
- **In settings menu:** Rotate to navigate, short press to select.

Left dial

L600C – Light Mode Control

- **Rotate:** Adjust the selected light mode parameter.
- **Short press:** Switch between parameters (e.g. hue/saturation, CCT/tint).
- **Long press:** Open the light mode selection menu.
- **In light mode selection menu:** Rotate to navigate, short press to select.
- **In settings menu:** Short press to go back one level

L600D – Secondary dimmer

- **Rotate:** Adjust light intensity (0.0-100%). Faster rotation increases speed.
- **In settings menu:** Short press to go back one level.

Turning lamp On or Off

Short press the right white button to turn the light on or off.


Dimming lamp

Turn the center dial to adjust the brightness from 0% to 100%.

- Turning the dial slowly changes the light intensity in 0.1% increments per step.
- Turning the dial quickly accelerates the adjustment rate.

Locking/Unlocking user interface

You can lock the control interface to prevent accidental changes during use.

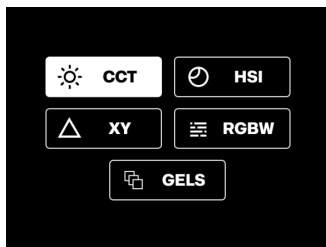
- Long press the center dial to lock the user interface.
- When locked, a lock icon  will appear on top of the main screen indicating the lock status.
- All controls are disabled except the ability to unlock.
- Long press the center dial to unlock.

Selecting and controlling light modes (L600C only)

The L600C lamp offers six selectable light modes, each providing different ways to adjust the light's color characteristics:

- **CCT** – White light mode with adjustable color temperature and tint.
- **HSI** – Color mode with adjustable hue and saturation.
- **XY** – Color mode using X/Y coordinate control for precise color definition.
- **RGBW** – Color mode with individual control of Red, Green, Blue, and White channels.
- **GELS** – Simulated gel mode with selectable presets based on LEE and Rosco gels.

To change the light mode, press and hold the left dial to open the light mode selection menu.

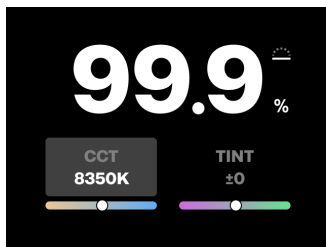


Alternatively, you can access light mode options through **Settings > Light mode**.

See the sections below for detailed descriptions of each mode.

CCT light mode



CCT is the default white light mode that lets you adjust CCT (Correlated Color Temperature) and Tint (Green/Magenta shift). CCT light mode main screen and controls below.



- **Right button** Click to toggle light on/off.
- **Center dial** Rotate to adjust dim level (0.0-100%).
- **Left dial** Click to select and rotate to adjust:
 - CCT (2000K-15000K).
 - Tint (-100 to +100).

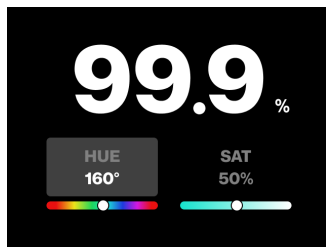
NOTE:

The CCT light mode includes two selectable output modes, found under **Settings > CCT Output**.

-  **Constant** (default) – Limits the maximum light output to maintain consistent intensity across the CCT range (~2600K–8000K), based on the set dim level.
-  **Max** – Removes the output cap to allow maximum possible intensity at any selected CCT.

HSI light mode

HSI is a color light mode that lets you create custom colors by adjusting Hue and Saturation. HSI light mode main screen and controls below.



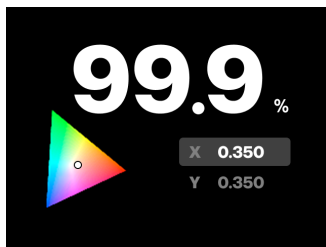
- **Right button** Click to turn light on/off.
- **Center dial** Rotate to adjust the dim level (0.0-100%).
- **Left dial** Click to select and rotate to adjust:
 - Hue (0-360°).
 - Saturation (0-100%).

NOTE:

The intensity is not constant when adjusting Hue and Saturation. Output levels will vary depending on color settings.

XY light mode

XY is a color light mode that lets you adjust the light's color using X/Y coordinate values, offering precise control for color matching and calibration. XY light mode main screen and controls below.



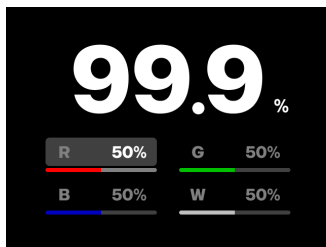
- **Right button** Click to turn light on/off.
- **Center dial** Rotate to adjust the dim level (0.0-100%).
- **Left dial** Click to select and rotate to adjust X and Y coordinates.

NOTE:

The output intensity is not constant when you change X and Y values. Light output will vary depending on the selected color coordinates.

RGBW light mode

RGBW is a color mixing mode that lets you manually adjust the intensity of each channel: Red, Green, Blue, and White. RGBW light mode main screen and controls below.



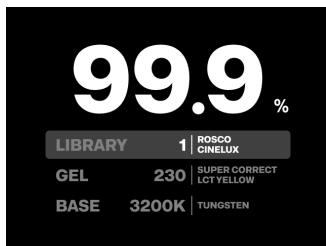
- **Right button** Click to turn light on/off.
- **Center dial** Rotate to adjust the dim level (0.0-100%).
- **Left dial** Click to select and rotate to individually adjust Red, Green, Blue and White (0-100%).

NOTE:

- The output intensity varies depending on the RGBW combination. There is no automatic normalization across channels.
- The RGBW color space can be selected in **Settings > RGBW color space**.
- All selectable RGBW color spaces are calibrated to a 6500K whitepoint.

GEL light mode

GEL mode lets you apply virtual LEE and Rosco gels, matched to either a Tungsten (3200K) or Daylight (5600K) base light.



- **Right button** Click to turn light on/off.
- **Center dial** Rotate to adjust the dim level (0.0-100%).
- **Left dial** Click to select and rotate to individually adjust:
 - Library: Choose from 9 gel libraries.
 - Gel: Select a gel from the active library.
 - Base: Set base light to 3200K or 5600K.

NOTE:

The light intensity is not constant when changing gels. Output will vary depending on the selected gel and base combination.

Setting up wired and wireless remote control

Profoto L600D/C supports the following remote control options:

- Wired DMX
- CRMX (wireless DMX)
- Bluetooth CRMX
- Profoto Control App (via Bluetooth)
- Profoto Air

Note on DMX/CRMX priority

If a DMX cable is connected and both CRMX and Bluetooth are active, the light will automatically prioritize incoming control signals in the following order:

- Wired DMX
- CRMX
- Bluetooth CRMX

Wired DMX

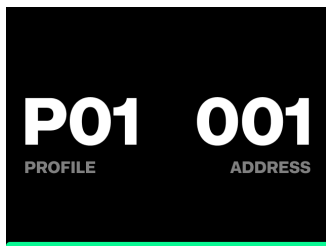
Go to Setting > DMX to set the DMX address, profile, and general DMX behavior.

1. Connect your DMX controller to the DMX IN port (5-pin XLR, located next to the power connector).
2. To daisy-chain a second fixture on the same address, connect from the DMX OUT port on the first unit to the DMX IN port on the next one.

Once the L600D/C detects an active DMX signal:

- The DMX main screen appears, showing a green line at the bottom and a large display of the selected profile and address.
- Local control is disabled, except for access to the Settings menu.
- DMX profile, address, and related settings can always be adjusted through Settings > DMX, even when DMX is active.

DMX main screen



CRMX

The L600D/C includes an integrated LumenRadio TimoTwo module for CRMX wireless DMX control.

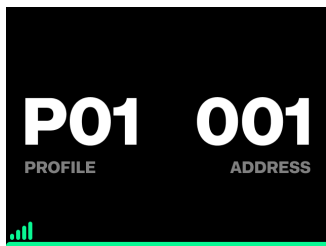
Go to **Setting > DMX** to set the DMX address, profile, and general DMX behavior – just like with wired DMX.

To link with a CRMX transmitter:

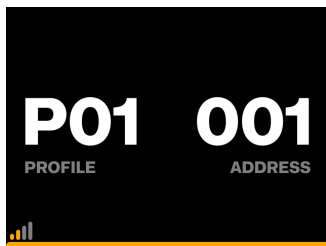
1. Go to **Settings > Wireless > Mode**, and make sure CRMX Receiver is set to ON.
2. If the CRMX status shows LINKED, press UNLINK to clear any previous connection.
3. Press the LINK button on your CRMX transmitter to initiate pairing.

Once linked and a CRMX signal is present:

- The DMX main screen appears, showing the active profile and DMX address.
- The signal strength is shown in the lower-left corner.
- If the signal is weak, the green line at the bottom of the screen turns yellow.



DMX main screen with good signal CRMX linked.



DMX main screen with weak signal CRMX linked.

Bluetooth CRMX

The integrated LumenRadio TimoTwo module also supports Bluetooth CRMX control via the Blackout app.


To enable a Bluetooth CRMX connection, make sure both of the following are set:

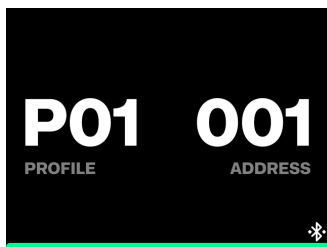
- CRMX Receiver is ON and UNLINKED (**Settings > Wireless > Mode > CRMX Receiver**).
- Bluetooth is ON and Disconnected (Settings > Bluetooth).

Then follow the instructions in the Blackout app to connect your light.

In the app, the fixture will appear as “[Model name] TimoTwo” in the list of available Bluetooth devices.

Once successfully connected:

- The DMX main screen is displayed, showing the active profile and address.
- A Bluetooth connection icon  appears in the bottom-right corner of the screen.



DMX main screen with Bluetooth DMX connected.

Profoto Control App

The integrated Bluetooth module supports remote control via the Profoto Control app, available on the App Store and Google Play. For more information, go to profoto.com.

To pair a light with the Profoto Control app, make sure that Bluetooth is ON and Disconnected (**Settings > Bluetooth**).

Then follow the in-app instructions to connect your light.

NOTE:

Once a light has been connected to the Profoto Control app, it will automatically reconnect the next time you launch the app - until you manually disconnect the light in the app.

Profoto Air (and Air flash mode)

Profoto Air is a proprietary wireless protocol integrated into all Profoto lights. It enables remote control and flash triggering via any Profoto on-camera remote, such as the Profoto Connect Pro. When Profoto Air is selected, you can also enable Air Flash mode to use the lamp as a flash source instead of continuous light.

With Air Flash enabled:


- The continuous light is dimmed to a low standby level
- The lamp will pulse a 30-millisecond flash at full set intensity when triggered from a Profoto remote.

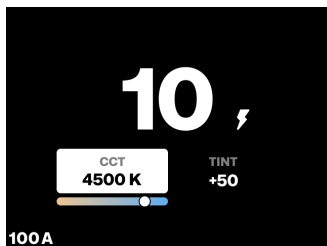
Air Flash Mode is ideal for use cases where high-intensity flashes are needed, without keeping the full continuous light output active. It reduces power consumption and increases comfort for subjects, especially in portrait photography.

To select Profoto Air (and Air Flash):

1. Go to **Settings > Wireless > Mode** and select Profoto Air
2. The Profoto Air menu will open, allowing you to:
 - Select the same Air channel (1–100) as set on your remote.
 - Assign the light to an Air group (A–F).
 - Enable Air Flash if you want to use the lamp as a flash.

Once Profoto Air is active:

- The dimming scale on the main screen changes to the Profoto scale (0.1–10), matching the scale used by Profoto remotes.
- The selected channel and group are shown in the bottom-left corner of the screen.
- If Air Flash is enabled, a flash symbol  is displayed on the main screen.



Main screen with Profoto Air and Air flash active.

Navigating Settings Menu

The Settings menu gives you access to all configurable options for the unit.

- Enter the Settings menu with a short press on the center dial.

<div> <div><</div> <div>SETTINGS</div> </div>	
DMX	P1-001
WIRELESS	OFF
BLUETOOTH	ON
LIGHT MODE	CCT
DIMMING CURVE	LINEAR
CCT OUTPUT	CONSTANT
RGBW COLOR SPACE	DEVICE
AUTO ON	ON
FAN	AUTO
INPUT POWER LIMIT	AUTO
DISPLAY OPTIONS	>
GENERAL	>
FACTORY RESET	>

- Exit the menu with a short press on the right button.
- Go back one level with a short press on the left knob.

The following sections provide an overview of all available sub settings.

DMX settings

The DMX submenu lets you select and set all DMX-related settings.

DMX	
ADDRESS	001
PROFILE	P1
RDM	OFF
TERMINATION	ON
LOSS BEHAVIOR	HOLD LAST
SMOOTHING	OFF

Address

Set the DMX address (001–512) for the fixture. Default address is 001.

Profile

Select a DMX profile that matches your controller and workflow. For a detailed list of all available profiles, refer to the L600D and L600C DMX profile specifications, available at profoto.com/support. Default profile is P1.

RDM

Enable or disable RDM (Remote Device Management).

- **Off** (default) = RDM disabled.
- **On** = RDM active.

Termination

Control the DMX termination setting:

- **Off** = Forwards the DMX signal to other daisy-chained lights.
- **On** (default) = Terminates the DMX signal.

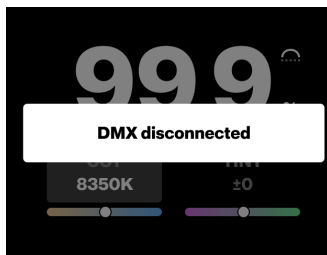
Tip: When using multiple fixtures in a DMX chain, it is recommended to terminate the last light in the chain.

Loss Behavior

Select what happens if the DMX signal is lost:

- **Hold Last** (default) – Maintain last known values.
- **Black Out** – Light turns off.
- **Hold 2 min, Fade out** – Hold last value for 2 minutes, then fade out.

When the DMX signal is lost (e.g., the cable is unplugged) a “DMX disconnected” popup will remain on the screen until the user presses a button, or the DMX is reconnected.



Smoothing

Adjust how smoothly DMX transitions are handled:

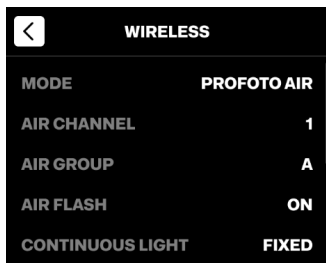
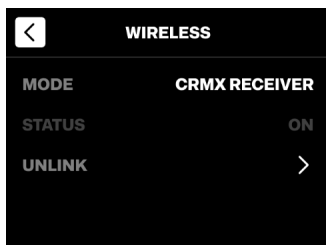
- **Off** (default) – Maximum response speed (no smoothing).
- **Smooth** – Transitions are smoothed over two DMX frames.
- **SuperSmooth** – Transitions are smoothed over four DMX frames, resulting in very smooth dimming, even in 8-bit mode.

Wireless settings

The Wireless menu lets you select the desired wireless control mode:

- **Off** (default) – Disables all wireless communication except Bluetooth.
- **CRMX Receiver** – Enables wireless DMX via LumenRadio.
- **Profoto Air** – Enables Profoto's proprietary remote control and flash sync system.

When CRMX Receiver or Profoto Air is selected, additional submenus opens for further configuration.



For detailed instructions on how to configure each wireless mode, see the “**Setting up wired and wireless remote control**”.

Bluetooth settings

Bluetooth can be set to ON or OFF. ON is default and is required to enable Bluetooth CRMX and to pair the lamp with the Profoto Control App.

For detailed instructions on how to connect to the Profoto Control App or the Blackout App via Bluetooth, see the “**Setting up wired and wireless remote control**”.

Light mode settings (L600C only)




In the light mode settings menu you can select from five optional light modes. CCT is the default mode.

- **CCT** (default)
- **HSI**
- **XY**
- **RGBW**
- **GELS**

For detailed descriptions of each mode, see the “**Selecting and controlling light modes (L600C only)**” section.

Dimming curve settings

Select from four available **dimming curves** to customize how the light responds when dimmed. If a curve other than Linear is selected, a dimming curve icon appears on right side of the main screen (just above the percentage symbol).



- **Linear** (default) - Standard linear dimming response.
-  **Logarithmic** - Smoothest dimming at high brightness levels.
-  **Exponential** - Smoothest dimming at low brightness levels.
-  **S-curve** - Smooth dimming at both low and high brightness levels.

NOTE:

- The selected dimming curve does not apply in Profoto Air (Photo mode).

CCT output settings (L600C only)

In the CCT output menu you can choose between two CCT output settings. The selected setting is indicated by a CCT output icon on the right side of the CCT Mode main screen.

-  **Constant** (default) : Limits the maximum light output to maintain consistent intensity across the CCT range (~2600K–8000K), based on the set dim level.
-  **Max**: Removes the output cap to allow maximum possible intensity at any selected CCT.

NOTE:

The selected CCT output setting only applies to the CCT light mode.

RGBW color space settings (L600C only)

The RGBW color space menu allows you to choose from four available RGBW color spaces:

- **Device** (default)
- **Rec.709**
- **Rec.2020**
- **DCI-P3**

All selectable RGBW color spaces are calibrated with 6500K whitepoint.

NOTE:

The selected RGBW color space setting only applies to the RGBW light mode.



Auto On setting

Auto On determines what happens when the lamp is connected to power. You can set it to:

- **On** (default) – The lamp automatically turns on using the previously selected settings when power is connected.
- **Off** – The lamp remains off when power is connected and must be turned on manually.

Fan settings

Select from three available fan modes. When a mode other than Auto is active, a fan mode icon appears in the top-right corner of the main screen.

- **Auto** (default) - Adjusts fan speed automatically to maintain a safe operating temperature.
-  **Max** - Runs the fan at a constant high speed, equivalent to the maximum fan speed used in Auto mode.
-  **Silent** - Runs the fan at a minimum constant speed.

NOTE:

Silent fan mode limits the maximum available light output.

Input power limit settings

Limit the lamp's input power to reduce maximum power draw – useful when:

- Power sources are fused with limited current.
- Multiple lights share the same circuit.
- A portable generator or battery pack is used.

Select from three available input power limits. When a limit other than Auto is active, the selected power limit appears in the top-left corner of the main screen.

- **Auto** (default) – Automatically allows the highest input power based on input voltage.
- **450W** – Limits input power to 450 Watts.
- **300W** – Limits input power to 300 Watts.
- **150W** – Limits input power to 150 Watts.

Display option settings

Adjust the display option settings to show or hide certain information on the main screen, and to set the screen brightness.

Available Options:

- Input Power
 - **Show** – Displays current power draw on the main screen.
 - **Hide** (default) – Hides power draw info on the main screen.
- DMX Info
 - **Show** – Displays the selected DMX profile and channel on the main screen.
 - **Hide** (default) – Hides DMX info on the main screen.
- Display Brightness
 - **Auto** (default): Automatically adjusts display brightness based on ambient light.
 - **Max**: Locks brightness at maximum level.
 - **Medium**: Locks brightness at medium level.
 - **Low**: Locks brightness at low level.

General (informational)

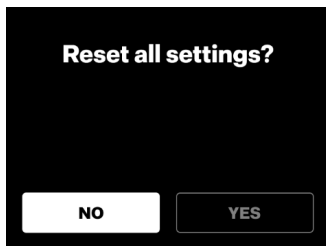
The General submenu is informational only – no settings can be changed here. It provides access to unit-specific statistics, hardware details, firmware version, and regulatory information.

Available information in submenu:

- **Unit Stats** – Displays usage information about total runtime and power-on count (sessions).
- **About** – Shows serial number, hardware version, and installed firmware version.
- **Regulatory Info** – Lists relevant certifications and compliance information.

Factory reset

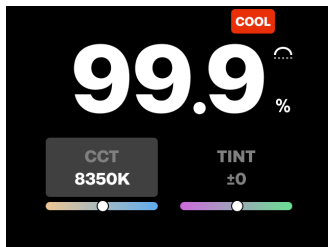
Use this submenu to restore all device settings to their factory defaults. This action resets all user-defined configurations but does not affect firmware version or runtime statistics.



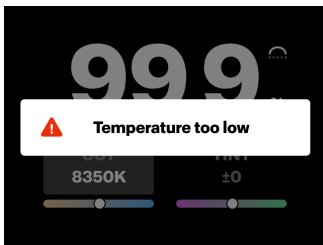
Automatic Temperature Protection

The L600D/C has built-in Temperature Protection to prevent damage from overheating or extremely low temperatures.

- **Too hot** - If the internal temperature becomes critically high, a “COOL” indicator appears on the main screen.
If the temperature continues to rise, the light output shuts off, and the fan switches to maximum speed for cooling.



- **Too cold** - A similar warning will be shown if the unit is turned on below the critical minimum temperature for the liquid cooling (e.g. when frozen).



Service and Maintenance

Self-Maintenance

To clean the unit, gently wipe the exterior with a soft cloth moistened with a small amount of mild detergent. Use a second dry cloth to remove any remaining moisture.

To prevent dust buildup, perform regular maintenance using low-pressure compressed air, especially around ventilation openings.

Caution:

Always disconnect the unit from mains power before performing any cleaning or maintenance.

Repairs

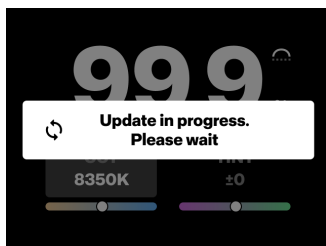
Any diagnostics or repairs beyond basic maintenance must only be carried out by a trained and Profoto-authorized service partner. For assistance, contact Profoto Service or an authorized service center.

Firmware Updates

To ensure the product operates with full functionality, it is essential to always have the latest firmware installed. If you have registered your product, you will be notified whenever a new firmware version becomes available.

The recommended method for updating the firmware is via the Profoto Control App. When the unit is connected to the app, it will notify you if an update is available. Simply follow the in-app instructions to complete the update.

While the firmware update is in progress, a static “Update in Progress” message will be displayed on the device’s main screen. The update progress will be shown within the app connected to the device.

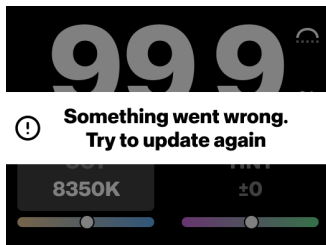


Once the firmware update over Bluetooth is completed, the device will automatically restart.

- If no additional internal updates are required after the restart, an “Updated Successfully” popup will appear for 3 seconds. The device will also notify the app that the update has completed successfully.
- If internal device updates are required after the restart, a “Finalizing Update” popup with a progress bar will be displayed to indicate that the update is still in progress.

When the internal update is complete, an “Updated Successfully” popup will appear for 3 seconds, and the device will notify the app that the update has finished

If an error occurs during the internal update, a “Something Went Wrong” message will appear and remain on the screen until a button is pressed or the update process is restarted.



Regulatory Information on Device

Go to **Settings > General > Regulatory** info to see information about Certifications and other Compliance information.

Serial Number on Device

The serial number is printed on the bottom of the unit. You can also go to **Settings > General > About**.

Technical specifications

Model name	L600D	L600C
Regulatory model	PCA2645-0010	PCA2645-0060
Rated power	690 W	690 W
Input power	100–240 VAC, 50/60 Hz Max 6.9 A	100–240 VAC, 50/60 Hz Max 6.9 A
Maximum Luminous Flux	80,000 lumens	55,000 lumens
CCT (Correlated Color Temperature)	5600K	2000K-15000K
CRI (Color Rendering Index)	Typ.97	Typ.96
TLCI (Television Lighting Consistency Index)	Typ.99	Typ.99

For additional technical specifications and photometrics, visit profoto.com.

Warranty

This product is individually tested before leaving the factory and guaranteed for a period of one year (with the possibility to prolong when the device is registered) with the exceptions set out in Warranty terms.

If you have any technical problems with the product, please get in contact with an authorized Profoto service station or visit: <https://profoto.com/support/warranty>

Credit

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

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