Epos 300
User Manual
English

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Epos 300 User Manual

Kelvin

Epos 300 user manual

2.0 Introduction
Epos 300

The Kelvin Epos 300 is an RGBACL LED COB studio light with full color spectrum for professional use in the film industry. The lighting technology developed by Rift Labs enables especially high accuracy and quality of the light emitted across the full color spectrum, giving the users a much more predictable and continuous quality in their creative use. The technology is combined with high attention to user and customer experience in usability and digital/physical UX, exceeding market standards. It is designed and constructed for longevity in a rough working environment. Made to withstand life on set and beyond.

2.1 Features
The Kelvin Epos 300 provides lighting to professionals with a minimal environmental footprint. All lamps are LED-based, ensuring a low and efficient power consumption, with maximum light output per watt. Most of the casing assembly is made from highly recyclable materials. A reliable and lasting quality gives the product a much more sustainable footprint. Combined with high efficiency and sustainable solutions in manufacturing, logistics, and packaging, the Kelvin Epos 300 is a high-performance product made in Norway.

2.2 Properties
Due to the unique Cantastoria Light Engine, a predictable continuity of light across the full color spectrum is guaranteed, and the light intensity is highly precise and controllable to an accuracy of 0.01%. The light and build quality exceed industry standards and solves a major challenge of life on set: It is durable, sturdy, yet compact. The materials make it sturdy; the design and the construction make it strong. And the form is not just beautiful, but allows the light to be stored vertically, horizontally or in any way needed, without endangering the elaborate electronics within. We believe The Epos 300 has any expectations in its segment. We further aim to elevate industrial design standards and attention to detail in the film light industry, with a design conveying the main values of Kelvin - precision, sturdiness, usability, and accessibility.

2.3 Idea
To creators, cinematographers, photographers, studios, and filmmakers, light is essential to define and set the ambiance for a set scene. It makes the difference between a good story and great visual storytelling. In addition to providing a high-quality light, smooth usability is core to be efficient and making the best use of valuable time on set. The Epos 300 is designed to address usability and efficiency in use, providing a fully compatible app for iOS and Android – Kelvin Narrator - to control the lighting unit via Bluetooth, in addition to its touch screen and buttons. Seamless integration of a full lighting kit on set is possible, whether controlled with a touch of a finger on a phone or the individual control units of the lights. Equally, reliability and power requirements are key factors addressed through dedicated design and engineering.

2.4 Form
Electronics and lamps are delicate components requiring sturdy casing to prevent damage from impacts caused by drops, rough use, exposure of weather and rough conditions. The design of the Epos 300 is developed to communicate the impact of a high-tech precision device, while being robust, reliable, and practical. An innate simplicity also reflects the efficiency of a modular production, smart logistics and the ability to be recycled. Extended use of aluminium allows a sturdy construction, which is also easy to recycle, long-lasting and a superior protective case for its sensitive electronics within.

2.5 Function
One of the benefits that advocate the Epos 300 is the separation of the light head and the light control unit. The light may be controlled remotely from the Bluetooth, Kelvin Narrator App for iOS/Android, DMX, Lumen Radio/Wireless DMX (built-in) or from the separate control unit, which is operable free standing or suspended from a vertical support. The light unit can thus be fixed remotely and in out of reach positions. The front of the lamp has a Bowens mount for various accessories that modify the light.

3.0 Precautions (Important for your safety)
Epos 300

The light fixture is used for professional lighting. The lighting system and accessories must be used by professional or trained personnel. All operations must follow the relevant safety instructions:
1. All instructions must be read and understood before use, including the transport,

installation, and operation of the equipment;
2. The weight of the lamp head and light accessories must be considered when handling and lifting;
3. Check all cable connections before using. Make sure all cables are appropriately labelled to prevent tripping;
4. In case the cables and wires are damaged, it must be replaced with the same kind of cables and wires;
5. In case the light source is damaged, it can only be serviced by an authorized Kelvin service centre or authorized Kelvin service personnel;
6. The lamp head may reach elevated temperatures when operating. To prevent burns, staff must operate carefully when touching the lamp body. It is recommended to wear appropriate protective devices;
7. Be alert to fire and burn hazards and do not place flammable materials and objects in front of the lamp;
8. Make a full inspection of the lamp head electrical connection, safety isolation, and insulation protection before using;
9. To prevent overheating, do not block or cover the light head vents;
10. Do not operate the lamp head when the light ventilation is closed or covered, or when protective cap mounted, as this may cause overheating;
11. Before each usage, make a visual inspection. Ensure regular electrical inspection at least every 6 months. Record the results in an archive;
12. Operating in an explosive environment is prohibited;
13. Do not use the equipment in a humid or dusty environment, which may cause short circuits and the risk of electric shock;
14. Do not operate damaged equipment until an authorized professional service personnel has checked it;
15. The lamp head and accessories must be safely connected or secured to prevent falling;
16. Before cleaning, or doing maintenance or repair, the product must be shut down and the power cable must be removed from the power outlet;
17. Do not immerse the lamp head in water or other liquids as this may cause damage to equipment and risk of electric shock;
18. When repair or service is required, do not remove or open the lamp head on your own, as this will void the warranty. The product must be handed over to designated qualified maintenance personnel. Incorrect removal may damage the equipment or even cause electric shock when re-using;
19. Do not place cables, plugs, and contact parts in water as this may cause a risk of electric shock;
20. Radiation and glare from the head of the lamp can cause damage to people and animals (e.g. sunburn, impaired vision). Within the minimum distance (2.5m) specified in the equipment and operating instructions, exposure to the beam for a prolonged period has a risk of serious injury and potential blindness;
21. Do not use non-recommended batteries, cables, and other accessories, as this may damage the equipment, or even cause fire or electric shock;
22. When maintenance or service is required, you must contact designated authorized maintenance personnel. Any malfunction caused by unauthorized self-removal is not within the scope of the repair, and will void the warranty;
23. Make sure that the lamp head and controller has all necessary protection to ensure safe operation, such as making sure the unit is placed in weatherproof positions, under protective roofs, and ensure that airflow around the headlights is unrestricted;
24. Check and make sure that the weight of the lamp head, accessories, and cables is lower than the maximum safety load of the light bracket;
25. When the lamp head is fixed on the light bracket, the mounting screws must be tightened, and make sure the bracket itself is balanced to prevent falls which may damage the equipment and threaten personal safety;
26. This product is certified FCC, CE, RoHS, UKCA, IC, KC, NCC, PSE, BIS, UL. Please strictly refer to the relevant national standards for operation and use. Incorrect use causes damage to the equipment and is not covered by the product warranty.

27. Limitation of Liability. Under no circumstances shall the company, its subsidiaries, brands or its affiliates, partners, suppliers or licensors be liable for any indirect, incidental, consequential, special or exemplary damages arising out of or in connection with your access or use of the product, any errors in the material, or omission of information, and any third-party content and services, whether or not the damages where foreseeable and whether or not company was advised of the possibility of such damages. Without limiting the generality of the foregoing, company's aggregate liability to you (whether under contract, tort statute or otherwise) shall not exceed the amount of one dollar. The foregoing limitations shall apply even if the above stated remedy fails its essential purpose.

FCC Compliance Statement

WARNING
Changes or modifications not expressly approved by Kelvin or an authorized service partner will void the warranty.

NOTICE 1
This 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.

NOTICE 2
If the equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try reorienting or relocating the receiving antenna by: • Increasing the separation between the equipment and receiver. • Connecting the equipment to an outlet on a different circuit than the receiver is connected to. • Consulting the dealer or an experienced radio/TV technician for help.

NOTICE 3
This device has been evaluated to meet general RF exposure requirements.

4. Overview

Epos 300

Make sure you have all items listed below before using.

Note that there may be variations due to continuously product development and releases of new versions, please refer the product itself.

Epos 300 Lamp Head (1pc)

Epos 300 Controller (1pc)

Super Clamp (1pc)

Reflector 55° (1pc)

Epos 300
Rolling Case
(1pc)

Neutrik Power
CONTRUE TOP AC
power cable
(5 meters / 16.4 ft)
(1pc)

Epos 300
4-pin XLR
head cable
(5 meters / 16.4 ft)
(1pc)

Details

5. Setting up the Epos 300

Epos 300

5.1 Use of Protective Cap

To get started using the Epos 300, please remove protection cap. Always remove the cap before turning the light on and always mount the cap back after use when you are packing the light away to ensure your light stays

protected.

5.2 Use of Bowens Mount Reflector

Start installing the Bowens Mount reflector by inserting the reflector into the Bowens mount and rotate it counter-clockwise. Click the release button and rotate the reflector clockwise to release.

5.3 Attaching the Tilt Lock Handle

The tilt lock handle can be attached to either side of the Epos 300. To attach the handle, follow these steps:

1. Place the Epos 300 and yoke face down on a flat surface.

2. Use the correct hex key to remove one of the tilt control screws and replace it with the tilt lock handle. Screw in the handle so the threads are engaged, but don't tighten it.

3. Use the hex key to tighten the control screw on the other side of the yoke. Tighten it enough until there is some resistance while tilting the Epos 300 in the yoke.

4. Tighten the handle until the yoke is locked and secure.

Note: If the yoke seems too loose when the tilt lock handle is disengaged, use the hex key to slightly tighten the control screw opposite the handle.

5.3 Mounting the Epos 300 to a Light Stand / Bracket

Loosen the mounting lock and place the receiver over the light stand's 5/8-inch pin (Baby Pin). Tighten the handle until secured with the mounting screw on the Baby Pin Receiver.

Junior Pin also works fine (28mm stand). Get started by mounting the Lamp Head into the Junior Pin receiver and adjust it smooth in place with the handle on the stand.

Adjust the angle of the light by using the lock mechanism on the Yoke to tilt the fixture into your preferred position.

Note: If you're unable to turn the tilt lock handle 360°, pull the handle out, reposition it, and push it back in until it reengages.

5.4 Connecting Lamp Head and Controller

Use the 4-pin XLR head cable to connect the Lamp Head Fixture with the Controller.
See illustration below.

5.5 Powering the Epos 300

AC Power

1. Connect the 4-pin XLR cable to the power supply and the Epos 300.
2. Connect the AC cable to the power supply and a power outlet.

Battery Power

1. Connect the 4-pin XLR cable to the power supply and the Epos 300 controller.
2. Slide a battery into the power supply's battery plate until it locks into place.

To remove the battery, press the battery release, and slide it off the plate.

Important! If the power supply is connected to both a 26 V battery and an AC power source, the power supply will draw from the 26 V battery instead of the AC power. To preserve battery life, connect a 26 V battery to the power supply only when you intend to use it.

5.6 Turn ON and OFF

After achieving power, push the power button on the side of the controller to turn the light ON and OFF.

6.0 User interface

Epos 300

6.1 User interface overview

The function dials implement the action or access the menu indicated on the LCD screen next to the button.

1. Left Dial: Intensity, Dimming, Menu
In all operation modes, the Intensity dial adjusts to the intensity from 100% to 0% in 0.1% increments.
In all operation modes, press the Intensity dial to toggle between the set intensity and 0%.

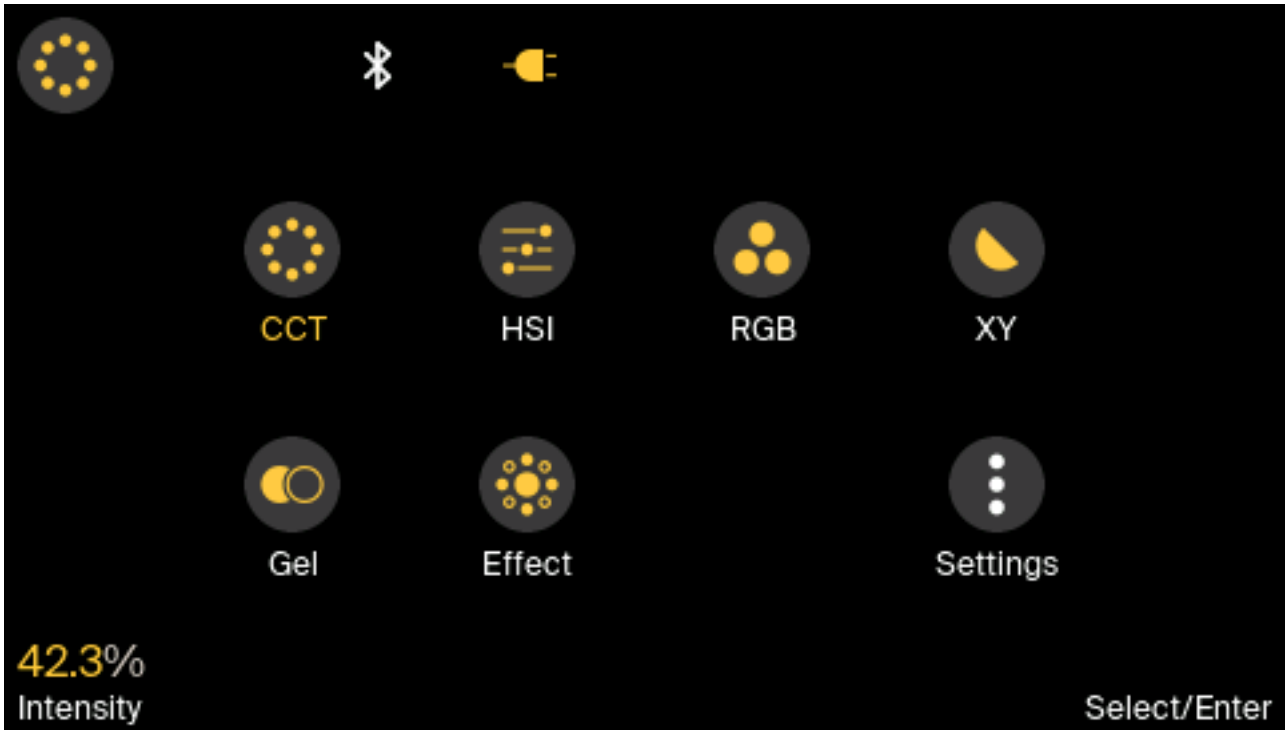
2. Middle Dial: CCT, CCT preset

3. Right Dial: Tint, Toggle parameter, Menu line

4. Mode Menu (on touch screen)

Select modes by selecting from the menu on the top left corner of the screen to choose: CCT, HSI, Gel, RGB, XY, Effects.

6.2 Main menu



The main menu is for navigating between light modes, effects, and settings. To enter the menu screen, press the top left button.

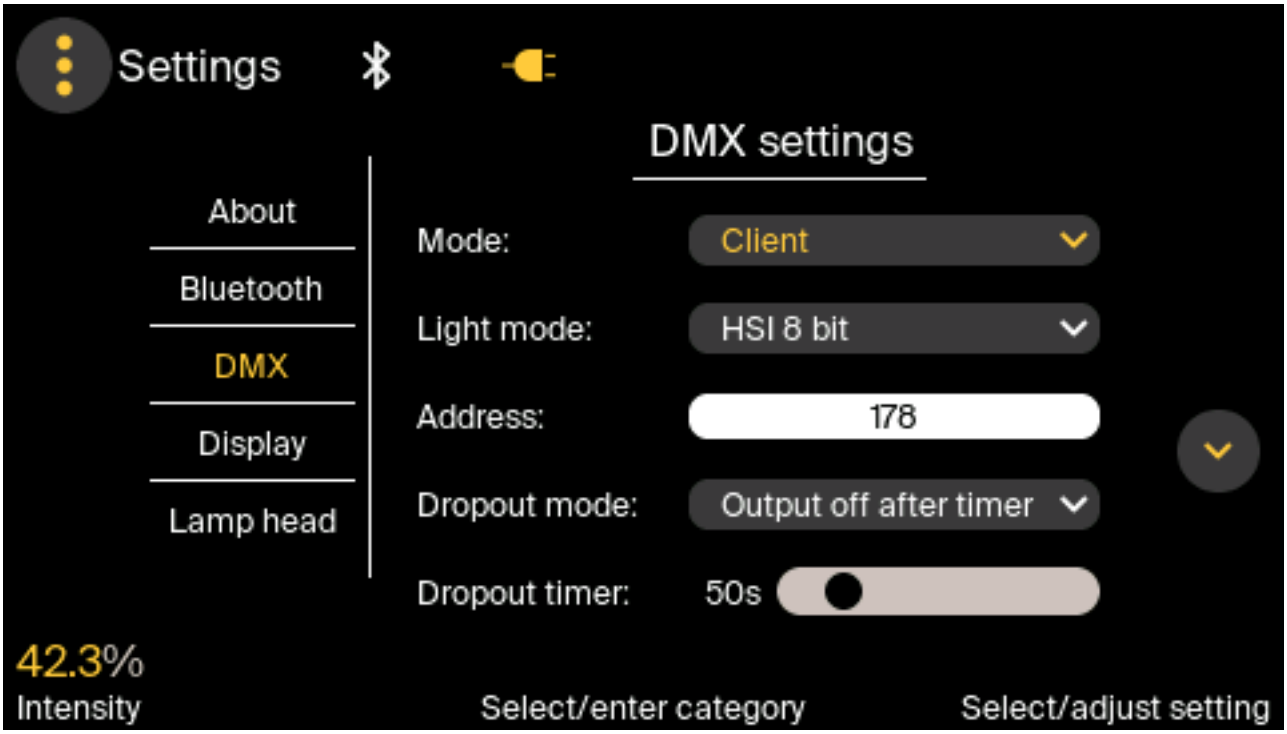
Knob interface:

- Right knob turning, steps through the available modes and settings buttons. Currently selected button has its button name highlighted.
- Right knob press, enter the mode/settings.
- Left knob turning, adjusts the intensity.
- Left knob short press, toggles the light output between current intensity and no intensity.
- Left knob long press, toggles stable between stable and maximum light output. (See Modes and Intensity section for more information.)

Touch interface:

- Menu button, return to the previous light mode.
- Mode buttons, enter the respective mode.
- Settings button, enter the Epos settings.

6.3 Settings



Category navigation:

- On the left side of the settings screen are navigation buttons for selecting the wanted category.

Categories:

1. About:
    - Displays the serial number of the Controller
    - Displays the firmware version of the Controller
    - Displays the serial number of the Lamp Head
        - N/A if no lamp head is connected or bad communication
    - Displays the firmware version of the Lamp Head
        - N/A if no lamp head is connected or bad communication

2. Bluetooth:
    - Setting the Bluetooth ON or OFF

3. DMX
    - Setting the Controller to Slave/client or Master/host mode
        - In slave mode the controller responds to DMX messages from other hosts
        - In master mode the controller generates DMX messages and sends them to connected slaves (wired and/or wirelessly)
    - Choosing which profile to receive or send
        - The DMX protocol/profiles are described in a separate document

        - Some profiles are disabled in Master mode
    - Choosing which DMX address is used for receiving of sending DMX commands
        - The profile and address need to match for an Epos Controller (or DMX board) to command another Epos controller
    - Choose dropout mode to define the behavior of the Controller if the controller loses connection with the master.
        - Is only available if the Controller is in Slave mode
        - Option 1, remain on event if the connection is lost.
        - Option 2, turn off the light output if the connection is lost.
        - Option 3, turn off the light after n seconds if the connection is lost (typically used to ignore unintended message drops due to noisy connections or similar…)
    - Choose the number of seconds to wait until the light output should turn off when DMX communication is lost
        - Only available the Dropout mode is set to option 3.
    - (Page 2, CRMX) Lumen radio (CRMX radio) mode, choose to turn on or off the lumen radio.
    - (Page 2, CRMX) Button to link or unlink from wireless CRMX slave or master

4. Display:
    - Choose the brightness of the display
    - Choose the idle mode
        - Option 1, Always on
        - Option 2, Dim display to the selected brightness
    - Choose dimming brightness
        - Only available if idle mode option 2 is selected
    - Choose the number of seconds to wait before the display is dimmed
        - Only available if idle mode option 2 is selected
5. Lamp head:
    - Choose the fan mode of the lamp head
        - Option 1, Silent – the cooling fan is running very low or turned off
        - Option 2, Quiet – the cooling fan is running at up to half speed
        - Option 3, Regular – the cooling fan is running at up to 70%
        - Option 4, High – the cooling fan can run at full speed, if needed
        - In this mode the max light output is reduced to 25% in order to protect the lamp head from overheating
    - Running in silent or quiet mode reduces the max light output in order to protect the lamp head from overheating.

7.0 Intensity and Modes

7.1 Intensity

The light intensity can be controlled via Bluetooth using the Kelvin Narrator App for iOS/Android, wired DMX, Lumen Radio/Wireless DMX (built-in) or from the separate control unit. The left knob on the controller is dedicated to light intensity throughout, while the intensity touch slider is available on operating screens such as CCT, HSI, Gel, XY and Effects.
The output light intensity can be controlled in two different modes: *stable* and *maximum*. *Stable* intensity caps the max light output to be equally bright across all color mixing possibilities for the specific mode being used. *Maximum* intensity removes the light output cap and allows max brightness for the exact color mix.

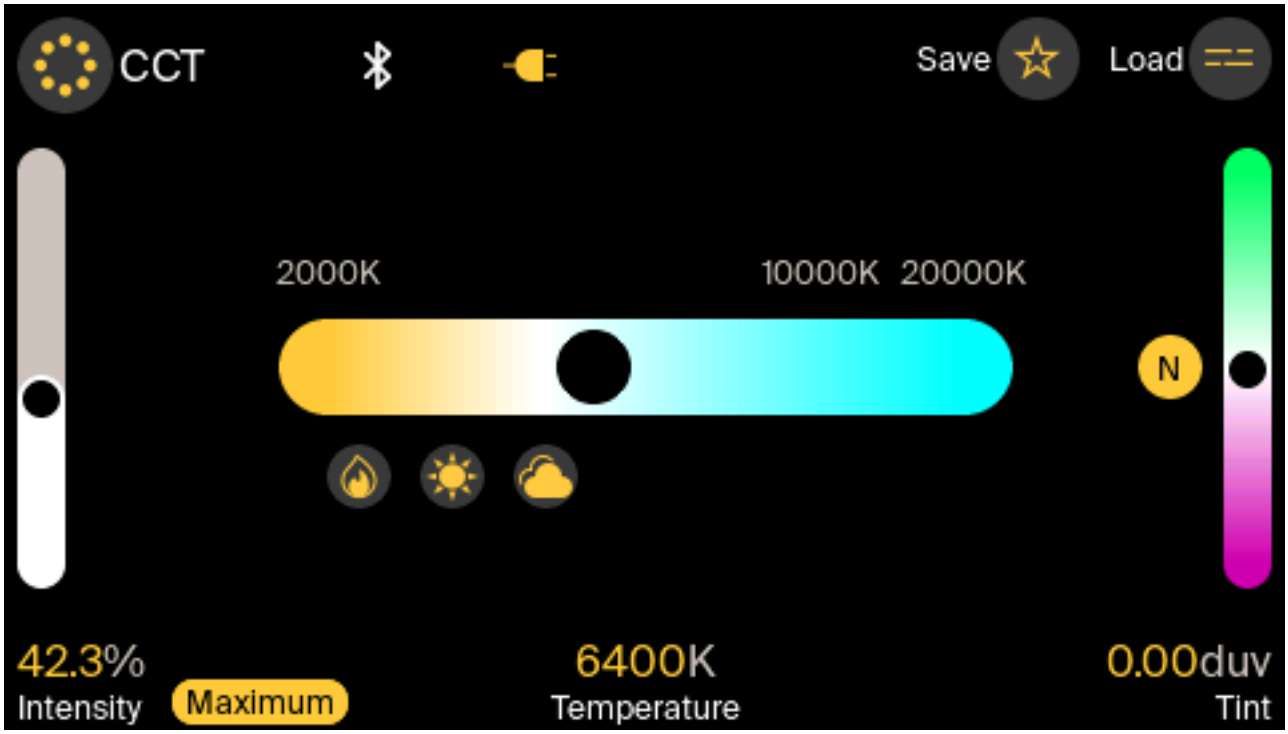
Knob control:

1. Twist the knob to increase or decrease the light intensity.
2. Short press the knob to dim the light between 0% and the current light intensity. Adjusting the intensity after the light has been dimmed will reset the current light intensity.
3. Long press the knob to toggle between stable and maximum light output.

Touch control:

1. Slider adjusts the output light intensity.
2. Stability button (next to the intensity indicator) toggles between stable and maximum light output.

7.2 Mode CCT



CCT mode is used for setting the white light output using color temperature and tint (green-magenta). The Epos 300 allows the user to choose between two CCT ranges, regular range (2800-10000K) and extended range (2000-20000K).

Knob control:

- Turn the middle knob to adjust the color temperature.
- Turn the right knob to adjust the tint.
- Press the right knob to reset the tint to neutral (0.0).

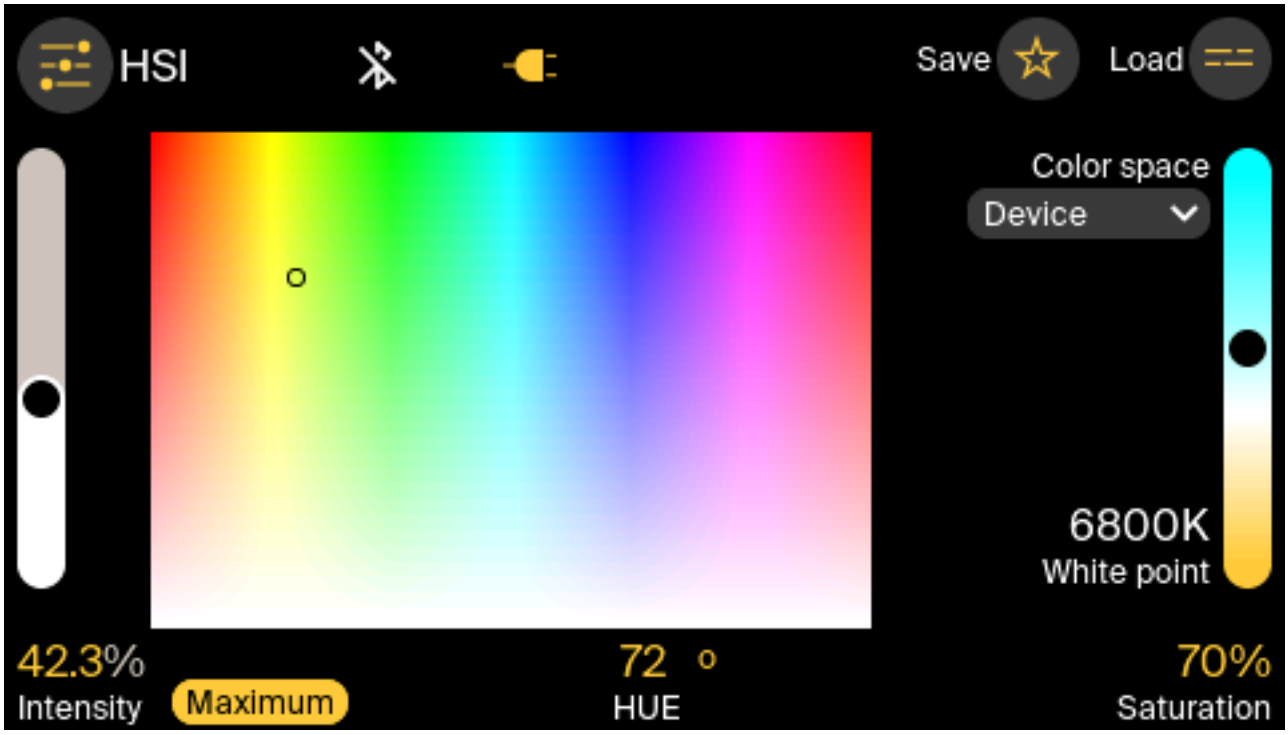
Touch control:

- Sliders adjust the color temperature and tint.
- Range button (above CCT slider) toggles between regular and extended color temperature range.
- Preset buttons (below the CCT slider) sets the color temperature to preset temperature points, candle

(3200K), daylight (5600K) and cloudy (7200K).

- Neutral button (next to the tint slider) resets the tint point to neutral (0.0 Δuv).

7.3 Mode HIS



HSI mode is used for setting the light output with hue and saturation. The white point of the HSI mode can be set to either standardized color spaces (S RGB, Adobe 1988, Adobe Wide or Pro Photo) or to the color space of the Epos 300 (Device). When *device* color space is selected, the white point can be further adjusted.

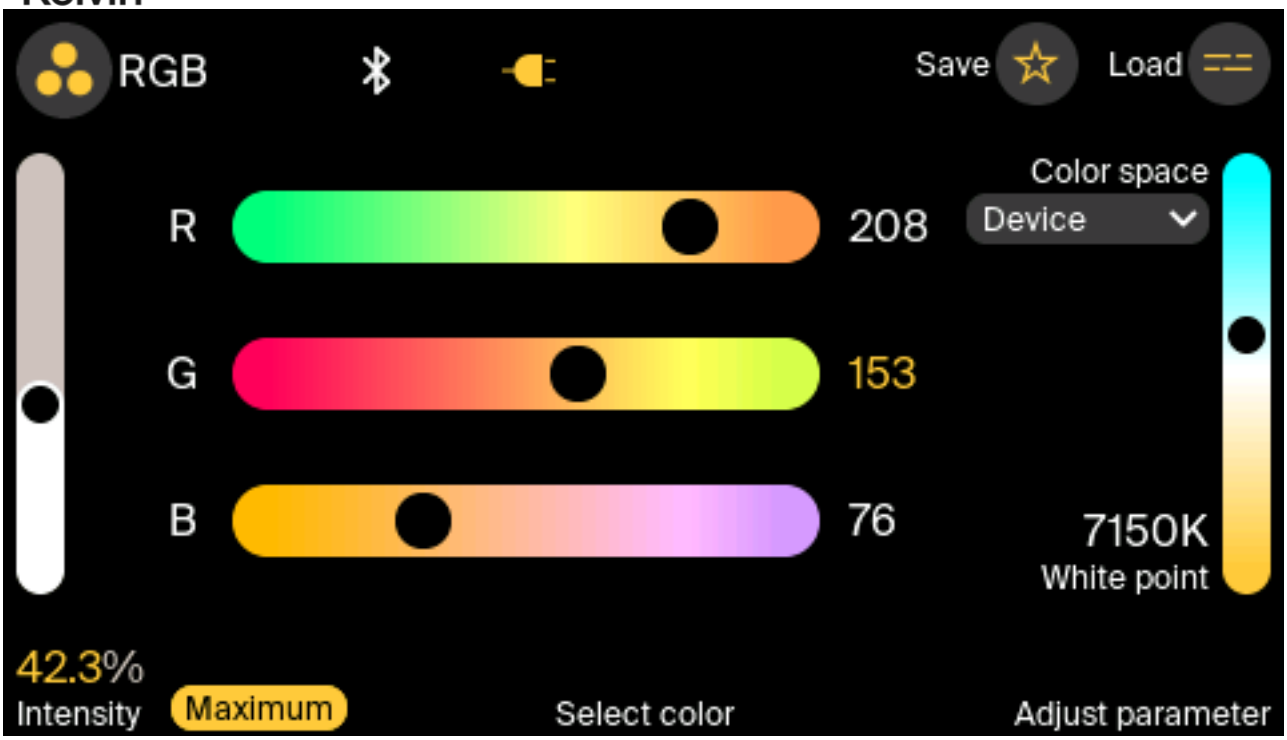
Knob control:

- Turn the middle knob to adjust the hue in degrees (0^{O}-360^{O}) and loop back around if the endpoints are exceeded.
- Press the right knob to toggle between adjusting the saturation or the white point (only if device color space is selected). Parameter labels turn yellow to indicate which parameter is selected for adjustment.
- Turn the right knob to adjust the saturation (by default) or the white point if selected.

Touch control:

- Pressing/dragging the HSI color map adjusts the hue (horizontally) and saturation (vertically).
- Color space dropdown selects color space (Device, S RGB, Adobe 1988, Adobe Wide or Pro Photo).
- The white point slider adjusts the white point if *device* color space is selected.

7.4 Mode RGB



RGB mode is used to set the light output by adjusting the red, green, and blue channels (0-255). As in HSI mode, the white point of the light output can be adjusted to standardized color spaces or the device color space.

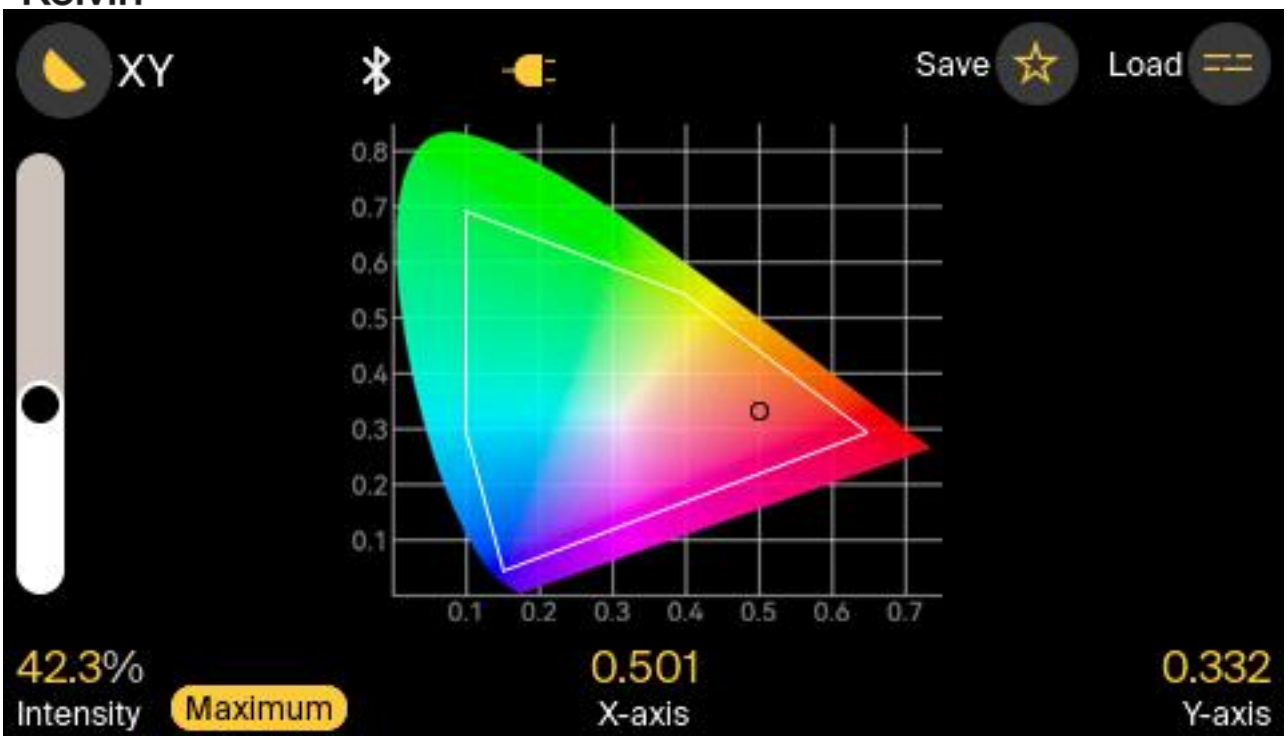
Knob control:

- Turn the middle knob to select a color parameter to adjust (red, green, or blue). The selected parameter is indicated with the relative label color turning yellow.
- Turn the right knob to adjust the selected color parameter (by default) or the white point if enabled and selected.
- Press the right knob to toggle between adjusting the selected color parameter or the white point if the device color space is set.

Touch control:

- Color sliders adjust the respective colors.
- Color space dropdown selects the color space.
- White point slider adjusts the white point (if device color space is selected).

7.5 Mode XY



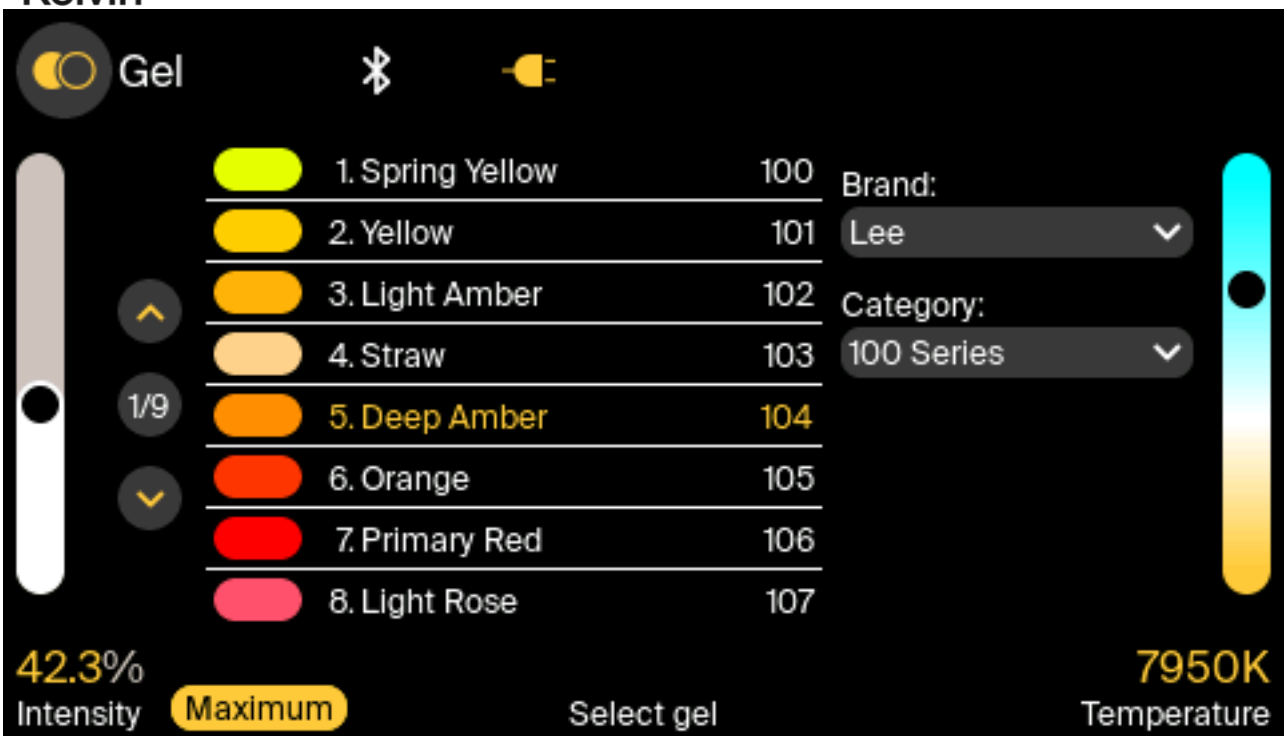
XY mode is used to set the light output by adjusting the x and y coordinates in the CIE-1931 diagram. The valid coordinate area is indicated with the white border and is unique for each lamp head. By default, the area is set to some arbitrary value and is then updated once a lamp head is detected.

Knob control:

- Middle knob turn adjusts the X parameter (horizontally).
- Right knob turn adjusts the Y parameter (vertically).

Touch control:
Pressing/dragging on the CIE-1931 diagram adjusts the X and Y parameters.

7.6 Mode Gel



Gel mode sets the light output by combining a filter from the library and the color temperature. The Epos has gels available from the gel brands Rosco and Lee.

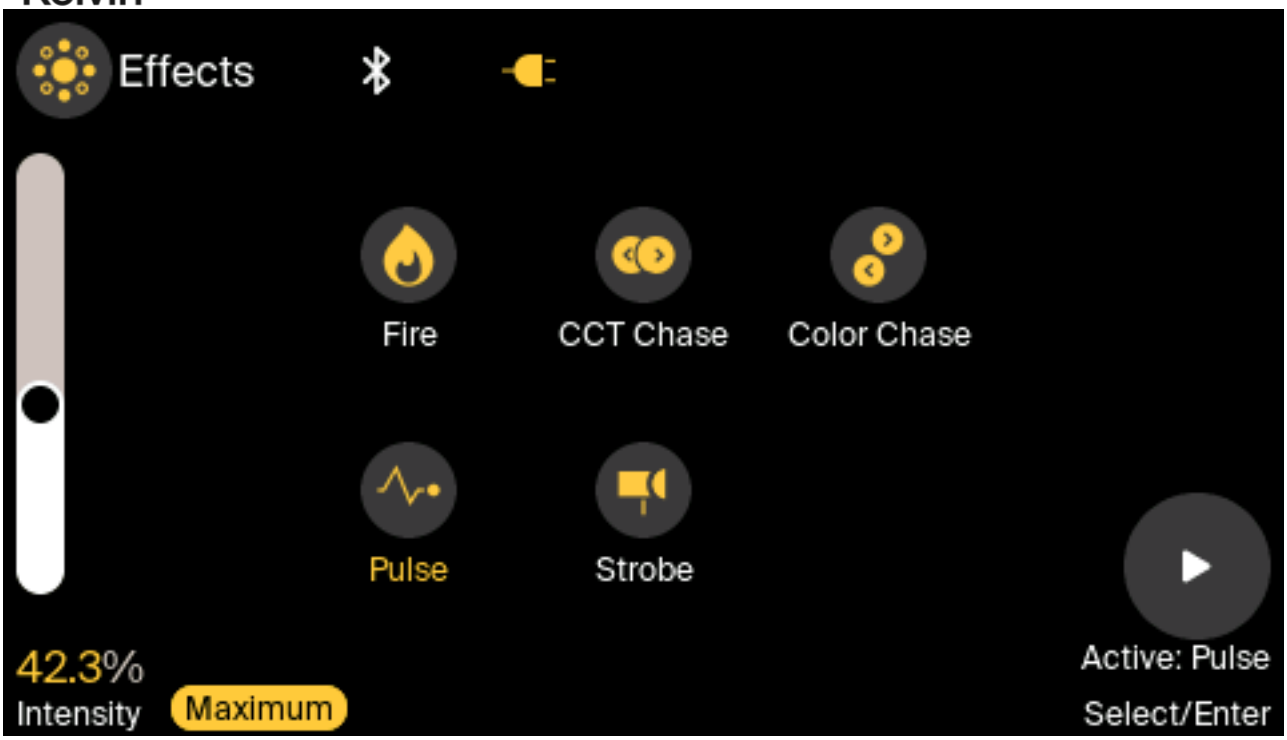
Knob control:

- Middle knob turn selects gels in the selected brand category. Stepping beyond the visible gels will load the previous/next page of gels within the same category.
- Right knob turn adjusts the color temperature.

Touch control:

- Pressing one of the gels on the list selects the gel for output.
- Pressing the up/down buttons loads previous/next gel page of the selected category. The indicator between the buttons shows the current page number and the number of pages within the selected category.
- Brand dropdown selects brand.
- Category dropdown selects the category within the selected brand.
- Temperature slider sets the color temperature.

7.7 Mode Effect



Effect mode is a selection of different effects that have their own sets of parameters and functionalities. The effect menu screen has the available effects listed, and a play/pause button to play or pause the active effect.

7.8 Fire effect

Simulates different fire sources affected by different wind conditions. Available parameters:

- Fire type. Select fire source.
- Wind type. Select wind conditions.

7.9 CCT chase effect

This effect enables transitioning between two different CCT points. Available parameters:

- Start CCT and tint. Setting the color temperature and tint for the start point.
- Stop CCT and tint. Setting the color temperature and tint for the stop point.
- Duration. Setting the time it takes to transit from the start point to the stop point.
- Transition type. Select if the transition should only happen once (No loop), repeat (Loop) or transition back and forth (Back and forth).

7.10 Color chase effect

This effect enables transitioning between to different HSI points. Available parameters:

- Start hue, setting the starting color point.
- Stop hue, setting the stopping color point.
- Saturation, setting saturation for both start and stop color points.
- Color space, selecting which color space to use as white point base.
- White point, setting the white point if the device color space is selected.
- Duration. Setting the time it takes to transit from the start point to the stop point.
- Transition type. Select if the transition should only happen once (No loop), repeat (Loop) or transition back and forth (Back and forth).

7.11 Pulse effect

This effect generates continues pulses of a selected color type. Available parameters:

- Color type, selecting a color output (CCT, HSI, RGB or XY) that is to be pulsated. Input descriptions for the different color types can be found in their respective mode sections.
- Pulses per minute, setting the number of pulses to be generated per minute (speed).
- Pulse type, selecting the form of the pulse. Sinusoid, logarithmic, exponential, or triangular.

7.12 Strobe effect

This effect generates continuous flashes of a selected color type. Available parameters:

- Color type, selecting a color output (CCT, HSI, RGB or XY) that is to be flashed. Input descriptions for the different color types can be found in their respective mode sections.
- Strobes per minute, setting the flashed period base on one minute.
- Flash duration, setting the flash duration as a percentage of the flash period (5%-95%).

7.13 Knob control:

- Middle knob turn steps though most parameters within the effects. Color type in pulse and strobe effect are the exceptions. These are only accessed with touch. Selected parameter is highlighted with a yellow color.
- Right knob turn adjusts numeric parameters or steps through dropdown options.

7.14 Touch control:

- Adjusting sliders.
- Opening dropdowns and selecting dropdown options.
- Back button press, returning to the effect menu.
- Play/pause button pressing, sets the respective effect as active and toggles the effect between play and

8.0 DMX Operation

Epos 300

Control Epos 300 remotely using DMX.
Please find detailed overview available for free download on https://www.kelvinlight.com/support/download/

9.0 Software and firmware

Epos 300

9.1 Kelvin Narrator App

Updates of the Kelvin Narrator App are available through the App Store and the Google Play Store.
https://www.kelvinlight.com/app-narrator/

9.2 Firmware

Firmware updates are available through the Kelvin Narrator Bluetooth App.

Download on the App Store

GET IT ON Google Play

10. Warnings and error messages

Epos 300

There are two types of messages, *INF* and *ERR*. INF are information/warning level messages that give information about non-critical conditions. ERR are error level messages that inform of conditions causing the light output to be turned off.

10.1 Controller

These messages originate from the controller:

- *Controller temperature is too high.* This condition is caused by the internal controller temperature being too high and will result in light output being turned off. To resolve this problem, make sure the controller air intakes are not covered.
- *Power failure.* This condition is caused by internal power circuits of the controller not working properly. In this case the controller should be sent for inspection.

10.2 Lamp head

These messages originate from the lamp head:

- *Lamp head temperature is too high.* This condition is caused by the internal lamp head temperature being too high and will result in light output being turned off. To resolve this problem, make sure the lamp head air intakes are not covered and that both fans are spinning when connected to the controller. If the temperature is too high and the fans are not spinning, please contact customer support.

10.3 External power

These messages are related to external power sources such as batteries and power supply:

- *Front/back battery is low.* This message indicates that the specified battery has low remaining charge. The message is removed once the battery is replaced.
- *Front/back battery is empty.* This message indicates that the specified battery has no remaining charge. The light output will turn off if only one battery is used, or if two batteries are connected and both are empty. To resolve this problem, replace the battery or the batteries. Pro tip: Only replace one battery at a time if two are used to avoid controller shutdown.
- *Unknown power source.* This condition is caused by invalid power source(s) and results in light output being turned off. The root cause of this condition might be unsupported or damaged batteries or power supply. Make sure to use batteries that meet the specified requirements, or a power supply provided by Kelvin.

10.4 Specifications

Please see detailed specifications available here including Photometrics:
https://www.kelvinlight.com/product/epos_300_full_color_spectrum_rgbacl_led_studio_light/

11. 3 Years Keep Rolling Warranty

Epos 300

Our philosophy of creating a light for cinema professionals doesn't stop at the product itself. Life on set doesn't always go as planned. And we are prepared. The Keep Rolling Warranty is Kelvin's way of giving back to the cinema community. Latest updated version available at www.kelvinlight.com.

By purchasing a Kelvin light, you will have peace of mind. Your projects are our highest priority, so if anything goes wrong – we make sure you have a light to keep rolling**.**

11.1 Definitions

For the purposes of this Warranty Policy, the following words and expressions shall have the following meaning unless the context otherwise requires:

a) "Solution" means the specified version of Our delivery as further agreed, which may include Our patented Kelvin LED software and intelligent lightning control systems, its software and firmware, mobile application, and any appurtenant products and services.

b) "We", "Us" or "Our" means Rift Labs AS, a limited liability company incorporated under the laws of Norway, bearing the Norwegian organization no. 895 734 942, including entities within the same company group.

c) "You", "Your" or "Yourself" means the party that have placed an order for Our Solution. When acting on behalf of a business, company or other legal entity or private individual, the reference to "You" and "Your" herein shall include, refer and apply to you personally, that particular business, company or other legal entity and that particular private individual, as well as any other entities, employees and all other individuals which is granted access to the Solution.

11.2 Warranty

a) We firmly believe that the key to Our success rests solely on customers such as Yourself being satisfied with the Solution. As such, it is Our great pleasure to warrant to You that the Solution will be of good quality and workmanship and free from material defects.

b) As part of Our commitment to customer satisfaction, we provide a Keep Rolling three-year warranty against defects in materials and workmanship in the Solution, under the laws of the country where You have made the purchase of the Solution.

c) Notwithstanding Clause 2.2 above, a Solution sold to You as refurbished is warranted for a period of ninety (90) days.

d) Every Solution is sold with lifetime customer support, which entails that You are entitled to remote customer assistance by mail or phone for the Solution even if the warranty period has expired.

e) Upon the expiration of the time periods identified herein, Our liabilities will cease. In no event shall We be liable for consequential damages.

11.3 Repairs and replacements

a) In the event of a claim covered by Our warranty, We will repair or replace (at Our sole discretion) the Solution with a new, rebuilt or refurbished product of equal or similar features and functionality. We may use refurbished parts for repairs or replacements. Certain Solution may be subject to a separate software license agreement.

b) We may provide You with a replacement Solution while the repair or re-delivery procedures are being undertaken. Any replacement Solution must be returned to Us free from damage and in its original packaging.

c) Any parts replaced by Us during the warranty repair are the property of Us and will not be returned to You.

d) Any repaired or replaced Solution shall be warranted for a period the greater of (i) the balance of the existing warranty period or (ii) ninety (90) days after it is received by You. Only the components that were repaired or replaced will be eligible for the 90-day period as set forth above. Any parts replaced during warranty repair is Our property and will not be returned to You.

11.4 Refunds

Any reimbursements will be made to the card used by You when paying for the Solution.

11.5 Exclusions

11.5.1 We do not honor warranty agreements extended by third parties. Only warranty agreements granted by Us will be honored.

11.5.2 Our warranty does not extend to maintenance, repair or replacement necessitated by loss or damage of or to a Solution resulting from any cause other than normal use and operation of the Solution in accordance with the Our specifications and manuals, including but not limited to:

a) Alterations, modifications or repairs by You or unauthorized third parties.
b) Exposure to weather conditions.
c) Water damage.
d) Operator negligence
e) Use of improper electrical/power supply.
f) Accidents and droppage.
e) Improper handling or storage
g) Transportation damage, save for Our initial shipment of the Solution.
h) Damage caused by third party products.
i) Cosmetic damage or other non-operating parts
j) Defective batteries.
k) Battery leakage.
l) Lack of maintenance.
m) Use of cables or accessories provided by third parties.

11.5.3 The warranty does not apply to merchandise, accessories or associated software of the Solution, nor does it apply to software that is etched directly into a piece of hardware within or on top of the Solution (“firmware”).

11.5.4 Except as specifically set forth above, all other warranties, conditions, representation or terms, express or implied, whether by statute, common law, custom, usage or otherwise as to the Solution are, to the fullest extent permitted by any applicable law, excluded from this Warranty Policy including any warranty as to the performance or result of the Solution.

11.5.5 The sole remedy under Our warranty shall be the repair, replacement, or credit for defective parts of the Solution as stated above. This warranty is the sole warranty provided by Us and is in lieu of any other warranties either express or implied.

11.5.6 This warranty extends to You and is non-transferable to other third parties. We will not be liable for any property damage, lost time, or lost data resulting from the failure of any Solution or from delays in service or the inability to render service.

11.6 Exercising the warranty

11.6.1 If You wish to make a warranty return in accordance with the above terms, You must provide Us with a notice clearly indicating Your desire to do so.

11.6.2 Following the notification described in Clause 6.1, You must ship the Solution to Us in accordance with the instructions provided by Us. You are responsible for delivering at Your sole risk and cost the damaged Solution to such address as is noted by Us. Furthermore, You are responsible for any shipping costs incurred in returning the Solution and We highly recommended that You use a traceable and insurable form of mail for shipment.

11.7 Compliance

11.7.1 You agree to comply with all applicable export and re-export restrictions and regulations of the Department of Commerce and any other United States, European Union or foreign agencies and authorities in connection with Your use of the Solution. You agree to not violate any local, state, federal or foreign laws and not to transfer or authorize the transfer of any materials to a prohibited country in violation of any laws. By using any materials in the Solution subject to any such restrictions and regulations, You represent and warrant that You are not located in, under the control of, or a national or resident of any such country or on any such list.

11.7.2 You acknowledge that You have been advised of the dangerous goods shipping requirements relating to lithium-ion batteries. If Your return includes a lithium-ion battery, You agree to have the battery shipped by a certified shipper of dangerous goods. You further agree not to attempt to ship any lithium-ion battery that has been physically damaged.

12.0 Trademarks
Epos 300

12.1 Trademarks
https://tsdr.uspto.gov/#caseNumber=90705176&caseType=SERIAL_NO&searchType=statusSearch
https://tsdr.uspto.gov/#caseNumber=97672213&caseType=SERIAL_NO&searchType=statusSearch
https://tsdr.uspto.gov/#caseNumber=97672213&caseType=SERIAL_NO&searchType=statusSearch
https://euipo.europa.eu/eSearch/#details/trademarks/018469270

13.0 Approved Accessories
Epos 300

13.1 Bowens mount
The Epos 300 is a Bowens mount compatible light, this means that in theory every off-the-shelf Bowens mount accessories like modifier, optics, fresnels, etc. should fit. However, due to there not being any standard on the depth or shape of lights, we have chosen to create a list of modifiers that we have tried and approved for use with an Epos 300. There might also be many more that works fine as well. We have also designed several different diffusers for the Epos 300, so that it is possible to fine tune the quality of light when using it in combination with other modifiers. The recommended diffusion is listed with each modifier.
Latest updates, please visit https://www.kelvinlight.com/products/category/accessories/.

13.2 Kelvin modifiers
The difference in output between the different diffusers is minimal; 00 is a 0% light loss, 90 is around 0.1 of a stop and 75 is around 0.1 of a stop again.

Diffuser D100, has 0 light loss and is best for when you need the hardest light source possible, this works very well alone or with other accessories, but you might find some color fringing on the edges when using third party accessories.

Diffuser D90 has a light loss of 0.1 stop compared to the D100, this diffuser mixes the colors a little more to allow for no color fringing when used with more advanced accessories

Diffuser D75 has a light loss of 0.1 stops compared to the D90, this diffuser is great for use with Softboxes or other accessories which require a wider beam off light.

Dome Diffuser is the perfect diffuser for use with an octadome or other softboxes where you want the softest light possible, and also the perfect match for umbrellas or parabolic light modifiers**.**

13.3 Other modifiers
The Epos 300 will work with most off-the-shelf Bowens mount accessories like modifier, optics, fresnel’s, etc., and the choice of diffusion will be defined by how much of the silver you use. The D100 filling the least and the D75 filling the most, we have also created a dome diffuser which allows for a much wider and truer to traditional softbox/tungsten bulb type quality of light when working with softboxes, umbrellas and so on.

14.0 Wireless Communication

Epos 300

Bluetooth communication with Kelvin Narrator app
Module: Raytac MDBT50 p/n: MDBT50Q-U1MV2 (containing Nordic nRF52840 SoC)
Frequency: 2.4 GHz
RF output: -20dBm (100mW)
LumenRadio Wireless DMX and RDM
Chip: LumenRadio TimoTwo p/n: 800-8107
Frequency: 2.402 ~ 2.480 GHz
RF output: -20dBm (100mW)

For more details, visit www.kelvinlight.com.