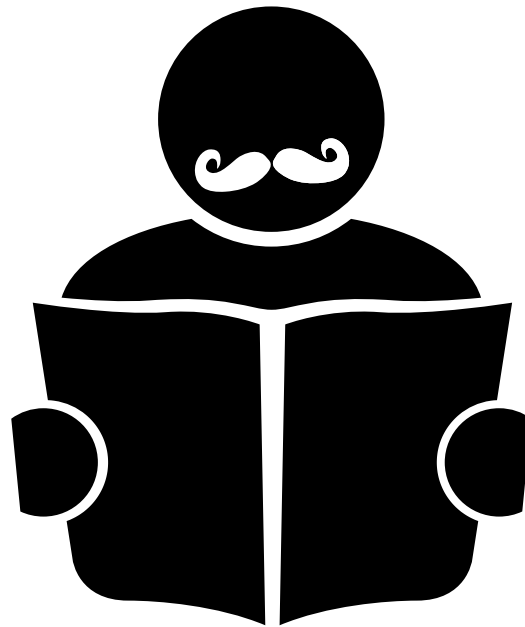


PRACTILITE<sup>📶</sup>



Bi-Color  
Smart LED Fresnel

**632**



**User Manual**

**XINOTEHNIK**

## Thank you for choosing Practilite 632.

We welcome you to the wonderful world of high-efficiency, high-output LED lighting instruments.

We hope that Practilite 632 light lives up to your expectations... and beyond that.

This booklet contains necessary information on how to make most out of your Practilite 602 and its capabilities, also instructions on how to take proper care of the unit. Please take a moment to read through it.

We keep this manual constantly updated, so the latest version of it can be found at our webpage [www.kinotehnik.com/practilite632/](http://www.kinotehnik.com/practilite632/). If you feel that something is missing from the manual, please let us know.

If you have any further questions, please write to us at [support@kinotehnik.com](mailto:support@kinotehnik.com). We would be happy to answer and try our best to get back to you swiftly.

Also, we appreciate your feedback - if you have any ideas on how to make things better, please let us know and we will definitely consider.

By the way, many of your further questions might have been covered in the FAQ section of our webpage, be sure to check that out.

**Good luck & happy shooting!**



**Tõnis Liivamägi**

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## Getting familiar with the Practilite 632

1. OLED Display - dimming (%) and colour temperature readout (Kelvin value)
2. BOOST button – activates intensified lumen output for 4500K (activates additional cooling)
3. ON/OFF button – toggles between standby and operational mode. In standby mode the instrument is recognisable by remote control and can be turned on, it will return to it's previous working state. Constant blinking of the red indicator means the power is too low.
4. Boost mode, upper LED indicator
5. Bluetooth LE connection, middle LED indicator
6. Power ON/OFF, Bottom LED indicator
7. Colour Balance knob\* – changes the colour balance continuously from 3000 to 6000K
8. Dimmer knob\* – dims the LED from 5 to 100% (140% in Boost mode)
9. Focusing knob – manual focus control for beam angle. Notice that focusing can not be performed from the App.
10. DC input (12-28V) 4-pin male XLR socket (leftmost pin „-“, rightmost pin „+“)
11. Yoke tightening lever
12. Yoke
13. Light stand receiver, accepts 5/8" (16mm) Baby Pin / spigot
14. 3.5" (80mm) borosilicate Fresnel lens
15. Front cooling slots, vent exhaust
16. Back cooling grille, air intake

### Status indicators

- Boost mode ON (green), Boost in Standby Mode (orange), battery too low (red blinking).
- Not connected to remote host (red), connected (green), connected in standby mode (orange)
- Power ON (green), Standby (red)

\*These physical control knobs will retain their dialed in value but will be overridden by remote application once activated.

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## Photometric performance

| DISTANCE                 | 3.3ft / 1m      | 6.6ft / 2m      | 9.9ft / 3m       |
|--------------------------|-----------------|-----------------|------------------|
|                          |                 |                 |                  |
| BEAM DIAMETER            | ∅ 3.9ft / 120cm | ∅ 7.9ft / 240cm | ∅ 11.8ft / 360cm |
| LIGHT INTENSITY 5600K    | 610fc/6600lx    | 153fc/1650lx    | 68fc/730lx       |
| LIGHT INTENSITY @ Boost* | 840fc/9000lx    | 210fc/2250lx    | 91fc/1000lx      |

| DISTANCE                 | 3.3ft / 1m      | 6.6ft / 2m      | 9.9ft / 3m   |
|--------------------------|-----------------|-----------------|--------------|
|                          |                 |                 |              |
| BEAM DIAMETER            | ∅ 0.67ft / 20cm | ∅ 1.33ft / 40cm | ∅ 2ft / 60cm |
| LIGHT INTENSITY 5600K    | 2790fc/30000lx  | 697fc/7500lx    | 316fc/3400lx |
| LIGHT INTENSITY @ Boost* | 3900fc/42000lx  | 975fc/10500lx   | 437fc/4700lx |

\* Boost mode refers to 140% light output @ 4500K when engaged

## Remote Control Application

For a quick video overview and introduction to the smartphone application visit [www.kinotechnik.com/practilite602/remote](http://www.kinotechnik.com/practilite602/remote). Otherwise, read on.

After downloading the Practilite remote control App make sure you turn on Bluetooth on your smartphone to enable effortless connection and control over one or up to six Practilite 632 instruments.

Launch the App and you will see three channels grayed out, there are three more hidden on the right side of the screen and can be revealed by swiping from right to left and vice versa.

Now, to make a connection just tap the magnifying glass with „+“ in it. Repeat the procedure for any remaining Practilites you might have set up. To identify which channel is connected to which instrument just tap the „eye“ it will blink the light associated.

To arrange the channels into a more logical sequence, hold your finger down on the vertical tab in the middle of a channel, it should light up to let you know that's it's ready to be dragged into a more logical and easy to remember position. Repeat this to all the lights connected and when satisfaction is achieved.

Now, when all the light are connected and arrange it's time to set the intensity of each or if you prefer set the appropriate colour balance by taping the „OO“ tab on the bottom. Notice that you can link all or some of the connected lights together to have the same colour balance.

Light intensity linking is also available, independent from the colour balance.

There is also this „fan“ button which toggles the Boost mode on and off. Boost mode also requires a bit more cooling so the fan will rev up a bit. Boost mode works basically like if you engaged a tungsten bulb and a daylight bulb both at the same time almost doubling the lumen output. The downside is the need for cooling. **Please notice that Boost mode is disabled when working on battery power.** (Corresponding red indicator lights up on the fixture.)

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## What's included?

- Practilite 632
- LED Aspheric Zoom instrument
- Barndoors
- AC Adapter
- Re-usable foam insert for protection
- The manual that you're reading right now

## Specifications

|                                |   |
|--------------------------------|---|
| <b>Light Source</b>            | High Power Dual Phosphor COB LED  |
| <b>Color Range</b>             | 3000 to 6000K   |
| <b>CRI</b>                     | ≤97   |
| <b>Photometrics @ 1m/3,3ft</b> | 3000K to 6000K: Spot 25000-30000lx, Flood 4500lx<br>Boost Mode @ 4500K: Spot 45000lx, Flood 8000lx  |
| <b>Control</b>                 | Local (color balance, dimming, manual focus)<br>iOS 8t.0+ and Android Devices via free Practilite Remote Control App<br>Bluetooth LE: up to 6 fixtures, 30' (10m) range |
| <b>Display</b>                 | Sunlight readable OLED screen   |
| <b>Beam Angle</b>              | 10 – 60°  |
| <b>Lens</b>                    | 2.8" (70 mm), Aspheric Zoom   |
| <b>Cooling</b>                 | Hybrid Super Silence Active Cooling (Sub 12dB)  |
| <b>Operating Voltage</b>       | 100-240 VAC, 50/60 Hz, 12-28 VDC (via standard 4-pin XLR)   |
| <b>Power Consumption</b>       | 65 W max.   |
| <b>Cable</b>                   | 10' (3m) attached to external AC adapter  |
| <b>Battery</b>                 | External via optional battery plates (V-Mount, Gold Mount)  |
| <b>Dimensions</b>              | Housing diameter 4" (100mm), 4 x 7 x 6" (10 x 17 x 15cm)  |
| <b>Construction</b>            | Durable CNC machined aluminum and stainless steel   |
| <b>Compatible speedring</b>    | Profoto standard 4" (100mm) inner diameter  |
| <b>Mount</b>                   | 5/8" (16mm) Baby Pin  |
| <b>Weight</b>                  | 2.9 lb (1.3kg)  |

## Precautions and warnings

- Do not block any ventilation slots or grille in the back.
- Do not operate the instrument with closed barndoors. Danger of overheating.
- Never leave the instrument ON unattended.
- Do not misuse the DC cable for transport or suspension of the instrument.
- Do not operate the instrument if it shows any visible damage.
- In addition to regular visual inspection, you should have the instrument thoroughly inspected and serviced at least once in every 24 months.

The manufacturer disclaims liability for any damage to persons or property caused by inappropriate operation, damage of this kind lies in the responsibility of the operator



**TIP:** Use the custom cut foam to protect your Practilite whenever not in use and specially when in transit. You can fit up to three of these into a standard 1510 Pelican case which is carry-on friendly.

Design and specifications subject to change without notice.

**Thank you for reading!**



This device complies with part 15 of the FCC Rules. 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. The device is in accordance with 89/336 ECC-ENC Directive.

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[www.kinotehnik.com](http://www.kinotehnik.com)

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