

INSTRUCTIONS MANUAL
for the
**Power and Light
Controller
PLC-C**



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Version 2.0/US

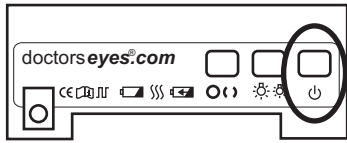
doctoreyes™



Notes

Included in doctorseyes PLC-C:

- ✍ Power and Light Controller PLC-C
- ✍ Tripod screw
- ✍ doctorseyes Ringlight 52 incl.
macro lens +10
- ✍ Occlusal mirror
- ✍ Mounting element 52
- ✍ Charging Unit for Controller



Turning the Controller On and Off

The PLC-C can be turned on and off by pushing the button in the top right corner of the controller. Both the brightness display and the light combination display will be illuminated in yellow when the controller is on.

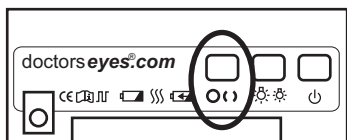


Regulating Brightness

The light can be adjusted in two levels by pressing the middle button. The current level of brightness is indicated by the yellow brightness symbol below the button.

Changing Light Segment Combinations

The doctorseyes Compact System offers great flexibility in close-up illumination through the activation of specific sections of the center ring light.



With the upper left button one can choose from four settings. These successively ordered options are: right half of the ring; left half of the ring; left-right combination; and the complete ring.



Brightness and Battery Life

The brightness of the doctorseyes Ringlights remain constant even when the battery weakens. The controller will automatically turn off the lights when the battery is too low to function. Before the controller shuts off due to a lack of energy, the low battery display illuminates in red.

Charging the Controller

When charging the controller, only use the power unit provided by doctorseyes. Connect the power unit to the socket on the front of the controller.



The blinking loading symbol shows the loading status even when the controller is turned off. When the controller is fully charged, the loading symbol changes from red to green. The red low battery symbol disappears after charging.

Technical Specifications:

doctorseyes 52 Ringlight

Outer diameter 54 mm
 Inner thread diameter 30 mm
 LED distance to opening . . 1.5 mm
 Filter thread 52 mm
 Weight 1.2 ounces
 Light color temperature . . . > 5800 K
 LED life cycle 50,000 hours

doctorseyes Light and Power Controller Compact System

Dimensions (mm) 50 x 109 x 24
 Weight 5.7 ounces
 Battery capacity 2000 mAh
 Battery illumination time . . approx. 3 hours
 Voltage 3.6 V
 Charging indicator yes
 Charging voltage 8.6V - 9V

doctorseyes Power and Light Controller PLC-C

Version 1.0

Dear Dental Photographers,

Congratulations and thank you for choosing the doctorseyes Compact System.

Our lighting system is very user-friendly and intuitive. Nevertheless, the following pages provide you with brief instructions on using the doctorseyes Ringlight. Tips and tricks relating to the camera settings can be found in the camera's separate user manual.

We would like to thank all the dentists and dental technicians for their stimulating ideas which have influenced the development and hence the quality of our products. Your comments and suggestions are always welcome.

We hope you enjoy the world of digital dental photography.

The doctorseyes Team

Warning



Never look directly into the LED light beam. The intense bright light can burn the retina. If necessary, provide the patient with protective eyewear or a mask.

Note: It is normal for the doctorseyes Ringlight to become warm when in use.

Warning



When working with patients never leave the power and light controller connected to the power supply and never leave the camera connected to its power supply.