

FULL ARCH BLEACHING
LED ATTACHMENT

PAK41173 C

INSTRUCTIONS FOR USE

Thank you for purchasing this LED attachment for your Radii Plus cordless curing light. For operation and safety for the actual Radii Plus LED curing light, please refer to the instruction manual contained in the kit. This instruction sheet only details safe operation in relation to the LED attachment purchased.

NOTE: The Full Arch LED attachment will only work in Radii Plus units with serial numbers 3-34828 and above. For units with serial numbers prior to this, a new control section is necessary; please contact your SDI regional representative.

The Full Arch Bleaching LED attachment is designed for acceleration of in-office tooth whitening materials such as Pola Office or Pola Office+.

OPERATING INSTRUCTIONS

Prior to using the Radii Plus with this LED attachment, please ensure the battery is fully charged.

- 1) Insert LED attachment into the control section of the Radii Plus.



- 2) Cover unit with a barrier sleeve.



- 3) Place light shield over the sleeved arch.



- 4) Once assembled, the unit can be operated by hand, or attached to the Radii Plus Bleach Stand.



- 5) Apply in-office bleaching material such as Pola Office or Pola Office+ as per manufacturer's instructions.
- 6) Position the Radii Plus bleaching light no more than 5mm above the prepared teeth undergoing bleaching. If using the Radii Plus Bleach Stand, use the various adjustable knobs to position accordingly.

- 7) Activate the bleaching light. The following audible beeping cycle will occur:

Audible beeps	Elapsed time (minutes)
1 short beep	1 Minute
1 short beep	2 Minutes
1 short beep	3 Minutes
4 short beeps	4 Minutes (half way indicator)
1 short beep	5 Minutes
1 short beep	6 Minutes
1 short beep	7 Minutes
1 long beep	8 Minutes (unit will shut off)

NOTE: The temperature emitted by the bleaching light reaches $37^{\circ}\text{C} \pm 2^{\circ}\text{C}$. ($98.76^{\circ}\text{F} \pm 3.5^{\circ}\text{F}$).

- 8) Recharge the battery after completing one patient's treatment.

CLEANING:

- Spray disinfecting agent onto a piece of cloth away from the light.
- Wipe over the external areas of the light avoiding the exposed LEDs on the bleach attachment.

Suitable disinfectant:

- Glutaraldehyde
- Chlorhexidine gluconate
- 70% Isopropyl alcohol.
- Enzyme based disinfectant.

3. Only the orange light shield is auto-clavable.

- LIQUID CONTACT WITH TERMINALS OF HANDPIECE AND CHARGER WILL CAUSE DAMAGE VOIDING WARRANTY.
- LIQUIDS MUST NOT ENTER ANY PART OF THE HANDPIECE OR CHARGER.
- DO NOT SPRAY LIQUIDS DIRECTLY ONTO, OR APPLY COPIOUS AMOUNTS OF LIQUIDS TO THE RADII PLUS.
- DO NOT AUTOCLAVE THE RADII PLUS.

SAFETY AND PRECAUTIONS

The safe operation of this unit depends on strictly following the operating instructions in this manual. The Manufacturer accepts no liability for any damage resulting from the use of this unit for any other purpose than specified in this instruction sheet.

CAUTION! Irradiation of the eyes bears an inherent health risk. Hence, the light must not be directed towards the eyes. Exposure must be restricted to the area of the oral cavity in which clinical treatment is intended. Suitable blue-light filtering safety goggles should be used.

Do not use the Radii Plus in patients or by users with:

- Heart pacemaker implants who have been advised to be cautious in regards to their exposure to small electrical devices.
- A history of photo biological reactions (including individuals with urticaria solaris or erythropoietic protoporphyria) or who are currently on photo-sensitizing medication (including 8-methoxypsoralen or dimethylchlorotetracycline).
- A history of cataract surgery. These people may be particularly sensitive to the exposure to light and should be discouraged from Radium Plus treatment unless adequate safety measures, such as the use of protective goggles to remove blue light, are undertaken.
- A history of retinal disease. These people should seek advice from their ophthalmologist prior to operating the unit. In operating the Radium Plus unit, this group of individuals must take extreme care and comply with all safety precautions (including the use of suitable light-filtering safety goggles).

WARRANTY PERIOD

SDI Limited, the Manufacturer, extends a 2 (two) year warranty against defects in materials or workmanship to the original purchaser of this product. The Manufacturer agrees to correct any defects which develop within the warranty period, either by repair or replacement, at its option. This warranty is valid providing factory inspection indicates that any such defect developed during normal and proper use subject to the conditions below.

WARRANTY CONDITIONS - PLEASE READ CAREFULLY

- Please fill out the warranty card included in kit and send promptly back to SDI with proof of purchase. Failure to do so may void your warranty.
 - Alternatively go to <http://www.sdi.com.au/warranty> to register your warranty.
- Claims for damage in shipment should be filed promptly with the transportation company.
 - All shipments claimed defective can only be returned to the Manufacturer with the written consent of the Manufacturer. All returned products must be accompanied by a full description of discrepancy or malfunction.
 - Only SDI authorized service personnel are allowed to carry out repairs to the Radium Plus. Manufacturer shall be released from all obligations under this warranty if repairs or modifications are made by persons other than Manufacturer's own or authorized service personnel.
 - Use only SDI parts exclusively to replace defective components. The product warranty does not cover any damage resulting from the use of third-party replacements parts.
 - Manufacturer shall be released from all obligations under this warranty in the event of improper installation; damage due to casualty; or obvious misuse including but not limited to damage from liquids and autoclaving.**
 - Manufacturer shall in no event be liable for any consequential damages arising from the misuse of the product.
 - Only the above stated warranty shall be applicable, and all other warranties, expressed or implied, are hereby excluded.

All correspondence concerning the product should specify the model and serial number.

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CAUTION
(Refer to
accompanying
instructions)

