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U.S.A

Extra Light 3

User Guide

PowerPack 3

Extra Light Overview

Extra Light is a new generation of Dental and Surgeons head mounted LED light with the exciting features:

Extra Light is a new generation of dental and surgeon head/loupes mounted light with the following exciting features:

- **Narrow, high power beam**
- **No dazzle effect**
- **Daylight color – see the true color of teeth and tissues even when natural daylight is not available**
- **Very low light source weight.**
- **Constant light intensity during all time of battery discharge up to full battery discharging.**
- **Rechargeable Power Pack conveniently attaches to your belt**
- **Li-Ion-Polymer battery based PowerPack 3 allows digital adjustment of light intensity.**
- **A single fully charged Power Pack powers the light for more then 6 hours on maximum intensity.**
- **2 identical Power Packs included in a package – when one discharges just plug in the second one**
- **Low charging time.**
- **Yellow filter to prevent composite curing.**

Technical specifications

Headlight

Luminous intensity:	140lm (min)
Brightness on 35 cm distance:	70000 lux
Color temperature:	6000 (± 200) °K
Illuminate beam radius on 35 cm distance:	60 mm
Dimensions (w/o headband):	34(L) x 28(D) mm
Weight (w/o headband):	12.4g
Led lifetime:	50000 hours

Power Pack

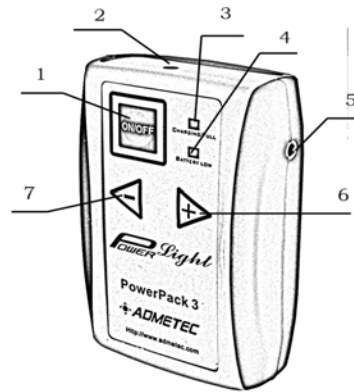
Internal battery voltage:	3.7V
Battery capacity:	3.9Ah
Full battery charging time:	150min
Average operating time:	6 hours
Dimensions:	97(H) x 65(W) x 38(D) mm
Weight:	137g

Charger

Type:	Switching
Input voltage:	100 - 240V
Input frequency:	50-60 Hz
Output power:	12W

User's Guide

1. Power Packs 3



1. On/Off Power Switch
2. Charger Connector
3. Charging Indicator
4. Low battery indicator
5. LED light cable connector
6. Increase intensity button
7. Decrease intensity button

2. Battery Charging

Plug the charger into a wall outlet and insert the jack into the charger connector on the PowerPack 3 (2 on fig. 1). Charging Indicator will light Red and will change to Green, when battery is fully charged. Average charging time of an empty battery is 150 minutes. PowerPack 3 may stay on charging position any time

ATTENTION

Do not use any third party chargers with Extra Light Power Packs, even ones with identical electrical parameters. If you do, Power Pack may be irreversible damaged.

IMPORTANT

To prolong the lifetime of your battery please follow these guidelines:

1. Do Not charge a fully charge battery.
2. Prevent PowerPack 3 from overheating

3. Connecting The Headlight

Plug the Headlight cable directly into the headlight connector on the right side of the PowerPack 3, as shown in Fig 2.

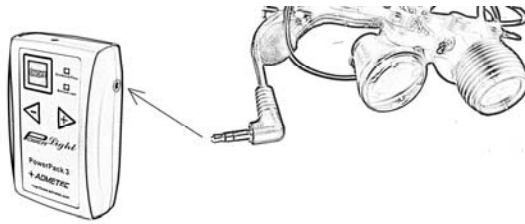


Fig 2

3. Using Extra Light

Mount the headlight on your Loupes. Attach the Power Pack to your belt, connect them as described above and hit the power switch to turn on the light.

Adjust the slope angel of the lighting body according to your comfort. (Adjust the light beam to coincide with through loupes viewable area.) Adjust light intensity with "+" and "-" buttons.

For a right-handed person, it is recommended to mount the Power Pack on the left side of the body.

You are ready to start enjoying working with the EXTRA LIGHT.

NOTES

When battery fully discharged, light will be turned off. Last 5-10 min "Low battery" indicator will be lights. If light has been out, only battery recharging will back it to operating.

PowerPack 3 remembers intensity level every time until battery will fully discharge. In this case middle level of intensity will be applied after battery recharging. Adjust it again.

Dent Corp. Research and Development – Limited Warranty

Dent Corp.'s warranty obligations for the Extra Light are limited to the terms set forth below:

Dent Corp.'s warranty the Extra Light products against defects in materials and workmanship for a period of one (1) year for the head light and for all supplied parts from the date of original purchase ("Warranty Period").

If a defect arises and a valid claim is received within the Warranty Period Dent Corp. will (1) repair the products at no charge, using new or refurbished replacement parts, (2) Exchange the product with a product that is new or which has been manufactured from new or serviceable use parts and is at least functionally equivalent to the original product.

If a defect arises and a valid claim is received after the first ninety (90) days of Warranty Period, shipping and handling charge will apply to any repair or exchange of the product undertaken by Dent Corp.

When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Dent Corp.'s property.

EXCLUSIONS AND LIMITATIONS

This warranty does not apply: (a) to damage caused by accident, abuse, misuse, misapplication or none Dent Corp. Product; (b) to damage caused by service performed by unauthorized repair service personnel by Dent Corp.; (c) to a product or a part that has been modified without written permission by Dent Corp.; or (d) if any Dent Corp. warranty label has been removed or defaced.

Notes: