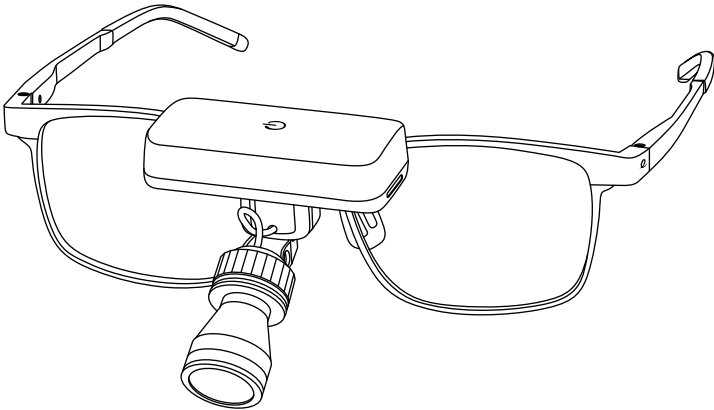




Atom™ Plus

Wireless LED Light System

Instructions For Use



Note: The image shown above is for illustration purposes only. Actual product may vary depending on model purchased.

Introduction

This [Instructions For Use] manual is the most comprehensive source of information for the safe and effective use of your product. This manual may be used by surgeons, dentists, veterinarians, or other healthcare professionals.

Keep and consult this reference manual during the life of the product.

The following conventions are used in this manual:

- A **WARNING** highlights a safety-related issue. Always comply with this information to prevent injury to patient, user, medical personnel, and/or other persons and animals.
- A **CAUTION** highlights a product reliability issue. Always comply with this information to prevent product damage.
- A **NOTE** supplements and/or clarifies procedural information.

If additional information, especially safety information, or in-service training is required, contact sales representative or Enova Customer Care Team at support@goenova.com

Trademarks not the property of Enova Illumination are the property of their respective owners.

Indications for Use

Atom Plus wireless light is a magnetic light system designed to provide illumination during dental or minor surgical procedures. Atom Plus wireless light is part of the Enova Illumination product family.

Contraindications

None known.

Limitations of Use

None known.

For Use With

Approved batteries, charging cables, and Enova loupes.
See [Accessories] section.

Safety & Care Instructions



WARNING:

- Please read the instruction manual carefully before using your Enova magnetic light. Damages due to disregard of the instructions within this manual are not covered under the warranty policy of Enova Illumination.
- Do not look directly into the magnetic light when illuminated. Do not shine the light directly into the patient's eyes or face. Due to the intensity of light, eye injury may result. Patient's eyes should be appropriately protected in procedures involving the face or head.
- After a few minutes of operation, the light housing may become warm to the touch. This is normal and functions to dissipate heat from the LED chip. Always use a surgical glove or sterile cloth to adjust the angle of the lens when in use.
- Do not use the magnetic light while batteries are charging.
- Do not use any third-party chargers with wireless battery, even if they look identical. Third-party chargers are not compatible with the batteries and could damage them.
- Avoid direct sunlight or heated surfaces to prevent batteries from overheating.
- Do not use close to explosive or highly flammable materials like alcohol, methanol, acetone, etc.
- Avoid shock to product by keeping product in approved composite carrying case when not in use.
- Do not use the magnetic light, batteries or charging cables in explosive gas environments.
- Do not autoclave, immerse or submerge in liquid, spray with liquids or leave the magnetic light "on" when transporting as it will cause damage to the light or may cause a fire.
- Please consult local regulations for the disposal of electronic products.

Accessories

This section describes components that may be ordered to replace original equipment that is damaged, worn, or must be replaced.



WARNING:

- Use only Enova-approved components and accessories, including batteries, unless otherwise specified.
- Do not modify any component or accessory, unless otherwise specified.

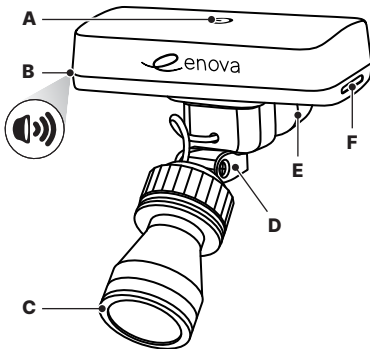
Note: For a complete list of accessories, contact sales representative or Enova Customer Care Team at support@goenova.com

The following Enova approved accessories can be sold in conjunction with the Axis LED Light System.

DESCRIPTION	REF
Atom Plus Wireless Battery	80801-002
Atom Plus Charging Pad	80801-003
Atom Plus Curing Filter	80801-004
USB-C Charging Cable	80801-005
Atom Plus Light Screwdriver	80801-006
Enova Loupe Case (Loupe & Light)	80034-00X
Atom Plus Carrying Case (Light only)	80034-011

Features

Atom Plus LED Light



A. Power Button:

Touch capacitive to turn light on/off.

B. Brightness Adjuster:

Touch capacitive to control light intensity.

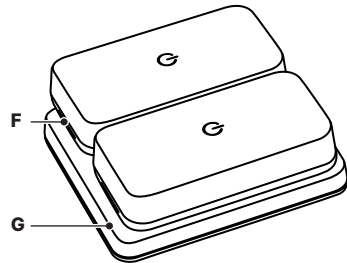
C. UV Composite Filter:

Removes the light wavelength that speeds up the curing of composite materials.

D. Light Adjustment Bracket:

This bracket is used to adjust the light beam to fit coaxially to the line of sight.

Wireless Battery and Charging Pad



E. Magnetic Loupe Adapter:

This adapter attaches the light to the frames or loupes.

F. Indicator Light:

Indicate charging status and in use.
(Green - Fully charged, Red - Charging)

G. Charging Pad:

Magnetic charging pad to charge batteries.

Instructions



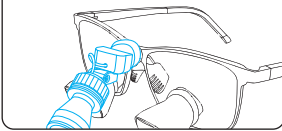
WARNING: Perform recommended inspection and testing as indicated in the [Prior To Use] section.

- Always operate the equipment within the specified environmental conditions.
- Do not cut or puncture the magnetic cable.
- Always remove cable from battery after each use.

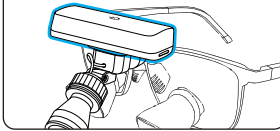
- CAUTIONS:**
- Do not scratch the magnetic light lens.
 - Do not stretch or kink the cables. Failure to comply will damage the cable and reduce the light output permanently.

Instructions with Wireless Single Battery

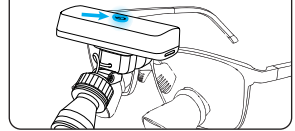
1 Attach light magnet cup to the magnet on your loupe



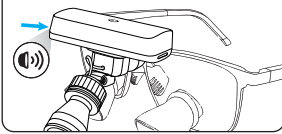
2 Place a wireless single battery over the light and wear the loupe



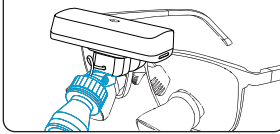
3 Touch the power button to turn on the light



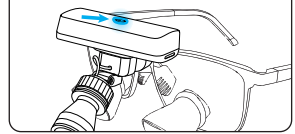
4 Adjust brightness by touching the button on the side



5 Adjust angle of the light so light beam is coaxial to line of sight



6 After use, touch the power button to turn off the light

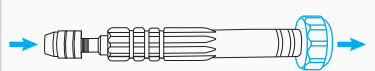


Note: If the magnetic connection on the battery does not attach the battery to the light or to the charging pad, the battery may be in the reverse position. Rotate the battery 180 degrees and try placement again. If the connection still does not work, reach out to the Enova Customer Care Team.

Note: The light is held in place by a strong magnetic connection. Grip the frame and body of the light firmly and pull apart with enough force to detach the light from the magnetic adapter when disconnecting the light from your loupe.

Note:

Use the screwdriver supplied with the light package to adjust or secure the light adjustment bracket or UV composite filter as necessary. Remove the end cap of the driver, select the appropriate tip, and insert it into the opposite end till the end.



Charging Battery:

1. Turn off the light and remove from battery.
2. Plug charging pad into outlet with appropriate electrical voltage. Refer to specification label or charger.
3. Place wireless battery on the charging pad.

Note: Batteries may remain on the charging pad when not in use. However, it is recommended to remove fully charged batteries to maintain longevity.

To Connect Axis Light to Loupes



WARNING: Do not over-loosen filter. Small internal components may be lost.

Connect to Enova Loupes:

1. Ensure that loupe has magnetic adapter secured to frame with notch of magnet pointing down.
2. Gently secure the magnetic adapter to magnet on brim of the loupe frame.
3. Adjust angle of the light source to be coaxial with eyes and illuminate the entire field of view through the loupe telescopes.
4. If necessary, tighten filter using provided screwdriver. Be gentle as the components are very small. Tighten as you would normally a screw until filter moves up and down at your desired resistance.

Connect to non-Enova Loupes using Universal Clip (sold separately):

1. Clip securely to frame by pinching and then releasing the clip.
2. Each frame is different and you may need to adjust a few times to find the right fit.
3. Follow steps above ("Connect to Enova Loupes") to connect the light to the magnet on the adapter.

Battery Information

Atom Plus light is compatible with Enova manufactured wireless single battery and offers various levels of light intensity. Wireless single battery is capacitive touch battery designed to be easily activated and adjusted through gowns and without removing gloves.

The battery will not be fully charged when it arrives. Batteries will be shipped at less than or equal to 30% charge in accordance with the International Air Transport Association. It is highly recommended to charge the Activ neck battery fully before use. The LED indicator shows status of charge.

As battery life decreases, the LED will go through the following sequence:

1. The LED flashes red while charging.
2. The LED turns solid green when fully charged.
3. The LED is solid green when powered on.

Note: The wireless single battery supports a constant level of intensity during the whole period of discharging. Once the battery is fully discharged, the light turns off.

Prior To Use



- WARNING:**
- Only individuals trained and experienced in the maintenance of medical devices should inspect this equipment.
 - Do not use any equipment if damage is apparent or the inspection criteria are not met.

Interval	Inspection Criteria	Action
Before each use	Inspect equipment for damage, wear, or missing components.	If damage is apparent, replace the equipment.
	Inspect cables for cuts, punctures, or kinks.	
	Inspect light lens for scratches.	
	Inspect batteries housing for cracks.	

Note: For service, contact sales representative or Enova Customer Care Team at support@goenova.com

Note: If any component must be discarded, see [Disposal/Recycle] section.

Cleaning

CAUTIONS: Do not use solvents, lubricants, or other chemicals, unless otherwise specified.

To clean the light:

1. Exterior surfaces of the light can be cleaned using a gauze pad or cotton swab moistened with 70% isopropyl alcohol. After cleaning, wipe the area with a lint-free soft cloth moistened with water to remove any residue.
2. Do not immerse or spray the light, batteries or charging cables with any liquids. Make sure no liquid comes in contact with the light, electrical connectors, charging cables or batteries.
3. To ensure a long life of the light, batteries and charging cables, Enova recommends storing them in the supplied case when not in use.

Storage and Handling

CAUTIONS: Always store the equipment within the specified environmental conditions throughout its useful life.

To ensure the longevity, performance and safety of this equipment, use of the case supplied by Enova or water tight packaging is recommended when storing or transporting this equipment.

Disposal / Recycle













WARNING: Always follow the current local recommendations and/or regulations governing environmental protection and the risks associated with recycling or disposing of the equipment at the end of its useful life.

Specifications

Model Name	Atom Plus Wireless Light System
Part Number	90803-00X
Lamp Illumination	35,000 Lux @ 10"
Color Temperature	6,000K
Light Spot Size	4.00" @ 12"
Light Source	LED Reflective Technology
Housing Material	Aluminum
Weight	18.0g / 0.63oz (w/o filter)

Symbol Definition

Symbol	Definition (Indication Color)	Symbol	Definition (Indication Color)
	General Warning Sign (Yellow) BS EN ISO 7010 Ref. W001		Authorized Representative in the EU Community BS EN ISO 15223-1 Ref 5.1.2
	Catalog Number BS EN ISO 15223-1 Ref 5.1.6		Manufacturer BS EN ISO 15223-1 Ref 5.1.1
QTY	Quantity		Medical Device BS EN ISO 15223-1 Ref 5.7.7
	Batch Code BS EN ISO 15223-1 Ref 5.1.5		CE Mark indicating that the device complies with Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices
	Recycle: Electronic Equipment		This product complies with relevant UK legislation and safety standards and has met the requirements for sale in Great Britain
	Light Intensity		

Troubleshooting

Issue	Troubleshooting
The light does not work steadily due to discharged battery.	Replace battery. Charge the discharged battery.
Battery does not function.	Discontinue use and contact sales representative or Enova Customer Care Team at support@goenova.com
LED failure.	
Battery overheats or produces fire during charge.	
Battery leakage.	
Battery swelling.	

Warranty

Your Enova product is backed by an industry-leading warranty.
To review your product warranty, visit: www.goenova.com/product-support

Keep this warranty in your records.

ORDER No.			
	Model	Serial Number	Year of Manufacture
LIGHT	Atom Plus		
BATTERY	Atom Plus Wireless		
	Atom Plus Wireless		
OTHER			

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