



CAUTION

Before use, thoroughly read MAXAIR® CAPR® P/N 03521015 User Instruction (received with all CAPR Helmets and available at www.maxair-systems.com).



REF 2561-01

P/N 01532139

Symbol Definitions



Warning, Caution, or Note

REF

Catalog Number

P/N

NIOSH Number



WARNING

Failure to follow User Instructions P/N 03521015 and the instructions contained herein may be hazardous to the user's health.

Use only if package is received unopened and contents are undamaged. If damage is noted, contact the shipper for replacement or repair.

Prior to using any MAXAIR® System or component, be sure to be familiar with the system's NIOSH approved configuration.

DO NOT use if any component is damaged. If any components are damaged or contaminated and therefore unfit for safe and effective use, they should be replaced immediately.

Only trained and experienced personnel who have read and understand the User Instructions should use MAXAIR Products.

The institution using this product in any application is responsible for determining the appropriateness of this equipment relative to regulatory requirements. Bio-Medical Devices Intl, Inc. does not recommend the appropriate systems for a particular institution or facility.

Use only MAXAIR Systems/ NIOSH approved compatible components.

NOT for use in atmospheres immediately dangerous to life or health (IDLH), and atmospheres containing less than 19.5% oxygen, or more than 25% oxygen.

Flammability Level I: Material may burn if exposed to open flame.

Follow current local regulations governing biohazard waste to safely dispose of single use MAXAIR Products.

If you need more information, contact your BMDI Sales Representative, or call BMDI customer service at 1-800-443-3842.

Intended Use

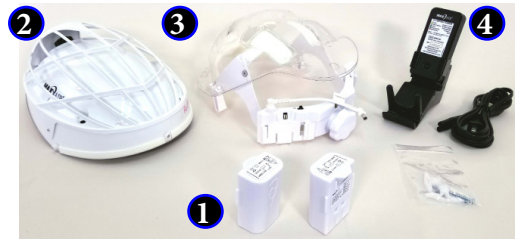
The MAXAIR CAPR Helmet Battery mounts to a 2071-10 Headband Liner and is intended to power any CAPR Helmet. It may be used as an alternate power source to all MAXAIR belt mounted batteries.

Typical Helmet Battery Configuration

The 2561-01 Helmet Battery consists of two battery packs, a right side and a left side. Right or Left side packs from one pair **are not to be interchanged with** the right or left side packs of another pair. Each pack of a pair has the same 5-digit S/N, one pack S/N ends with A, the other pack S/N ends with a B.

The 2561-01 Battery may be charged with one of three chargers:

- 1) A 2600-01 Charger
- 2) A 2600-02 Charger
- 3) A 2630-01 Helmet Battery Charging Hook Assembly which is a wall-mount Hook (bracket) and 2600-02 Charger.



1 - 2561-01 Helmet Battery	2 - 2081-03 Helmet
3 - 2071-10 Headband Liner	4 - 2630-01 Charging Hook w/Power Cord and mounting hardware

Specifications

Material*

Front and Back Covers: Polycarbonate

* The battery cell MSDS is available to view or download at [www.maxair-systems.net/Support/Data Sheets/MSDS](http://www.maxair-systems.net/Support/Data%20Sheets/MSDS)

Recommended System Temperature Limits

Use/Handling: 0°C to 54°C at a maximum 80% Relative Humidity.

Charging: 0°C to 45°C at a maximum 80% Relative Humidity.

Storage: 0°C to 35°C at a maximum 80% Relative Humidity.

Performance

All values are approximate

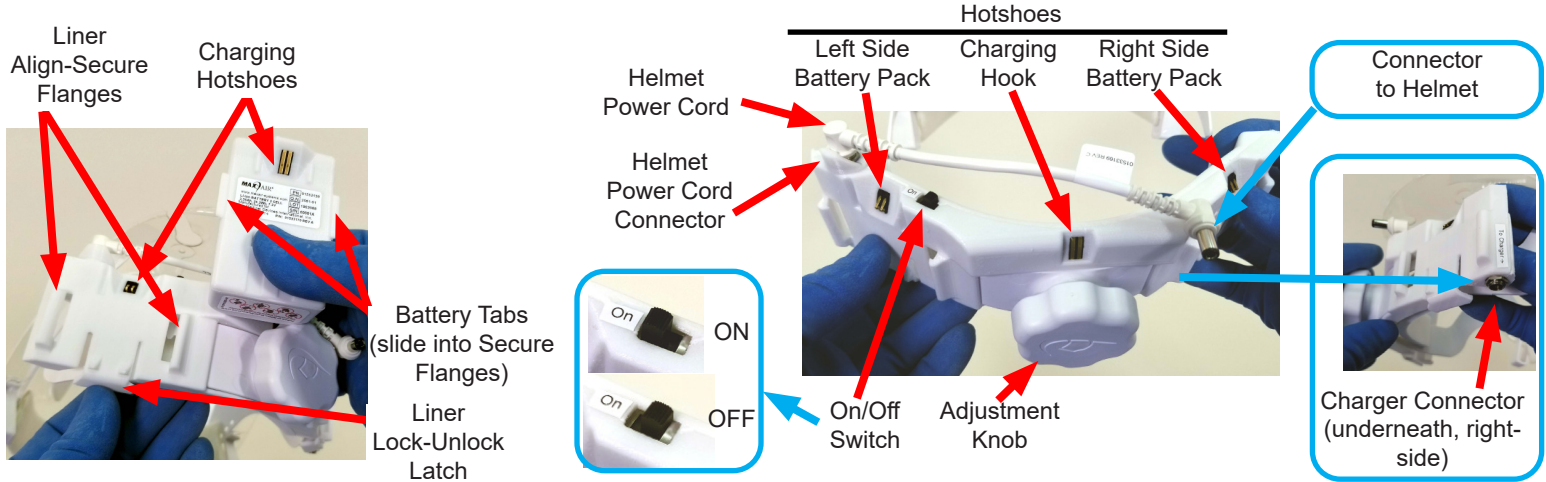
BATTERY	WEIGHT	RUNTIME w/ HE FILTER CARTRIDGE		RUNTIME w/ XP FILTER CARTRIDGE	
		Low Speed	High Speed	Low Speed	High Speed
2561-01	0.7 lbs.	12 hrs.	8 hrs.	9.5 hrs.	6 hrs.

Regulatory

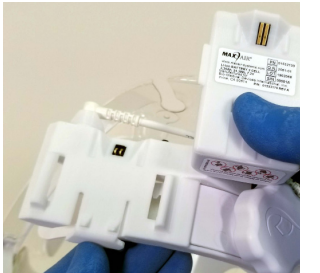
NIOSH

CAUTION
Always use both A and B packs with the same 5-digit serial number together, e.g. S/N 00152A and S/N 00152B. Do not mix Battery Packs that differ in number other than by the A and B alpha characters.

Components - Helmet Battery and Headband Liner



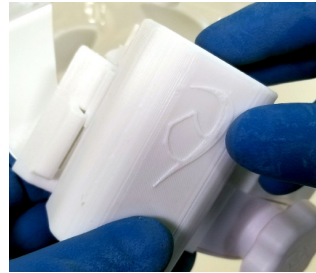
Assembly



1. Hold one Battery Pack in one hand and the 2071-10 Headband Liner in the other hand with the charging Hotshoes up on both.



2. On one side of the Headband Liner, with Hotshoes facing each other, slide one Battery Pack down against the Liner in between the Align-Secure Flanges.



3. Continue sliding the battery down against the Headband Liner and ensure the Battery Tabs are between the Liner Flanges.



4. When the Battery is fully seated an audible “click” will indicate the Lock/Unlock Latch is locked. The battery Pack is then in position for use.

5. Repeat steps 1-4 to assemble the other Battery Pack to the other side of the Liner Headband.

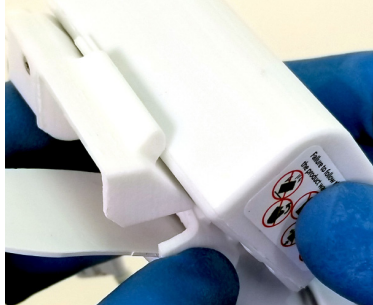
Disassembly



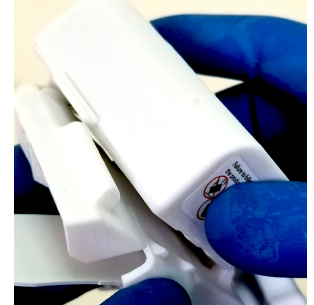
1. Locate the Lock-Unlock Latch under one Battery Pack.



2. Press up on the Latch to unlock it from the Battery.



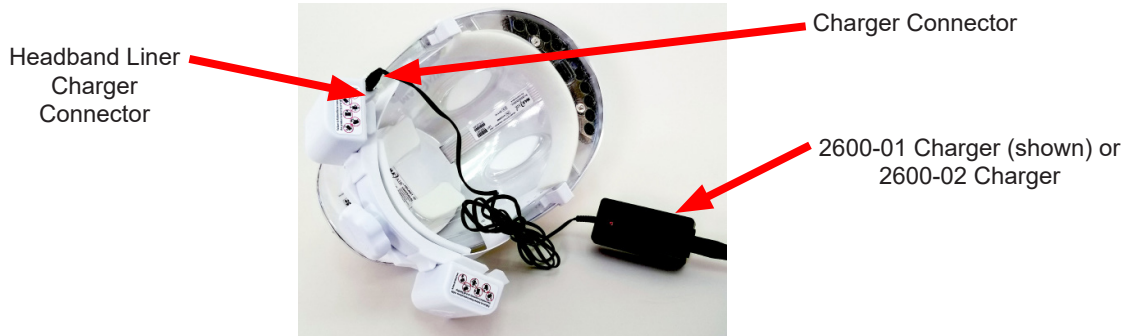
3. Begin sliding the Battery Pack up and off the Align-Secure Flanges.



4. When the Battery SideTabs are above the Liner Flanges, lift the Battery Pack off and away from the Headband Liner.

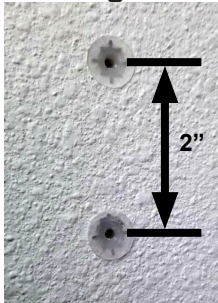
5. Repeat steps 1-4 to disassemble the other Battery Pack from the other side of the Liner Headband.

Charging - Using a standard single 2600-01 or 2600-02 Charger

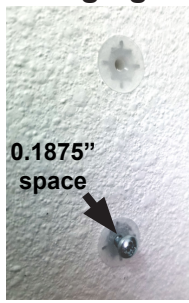


1. Connect the 2600-01 or 2600-02 Charger Connector to the Headband Liner Charger Connector (below the "To Charger" label).
2. If the Charger LED remains Green after 5 seconds, the Battery does not need charging. If the LED turns red, the Battery will charge until it turns Green again.
3. When the charging LED remains Green, the Battery is ready for use. Disconnect the Charger Connector and resume use.

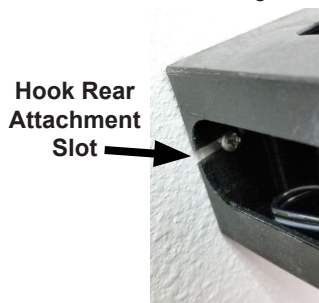
Mounting the 2630-01 Charging Hook - Hardware for mounting to drywall is included in the Charging Hook box.



1. Insert drywall anchors into the desired wall location, one above the other, 2" apart (between 1.75" and 2.25").



2. Install one screw into the bottom anchor, leaving about 0.1875" between screwhead and anchor.



3. Place the Hook rear Attachment Slot over the bottom screw already in the wall. For a snug fit of the Hook to the wall, if the screw is too close to the wall, loosen it, if the screw is too loose, tighten it.



4. Remove the 2600-02 Charger from the Hook Bracket. Turn the Hook vertical; insert the top screw through the Top Hole of the Hook Bracket and tighten into the top anchor to secure the Charging Hook to the wall.



5. Reinsert the 2600-02 Charger into the Hook Bracket.

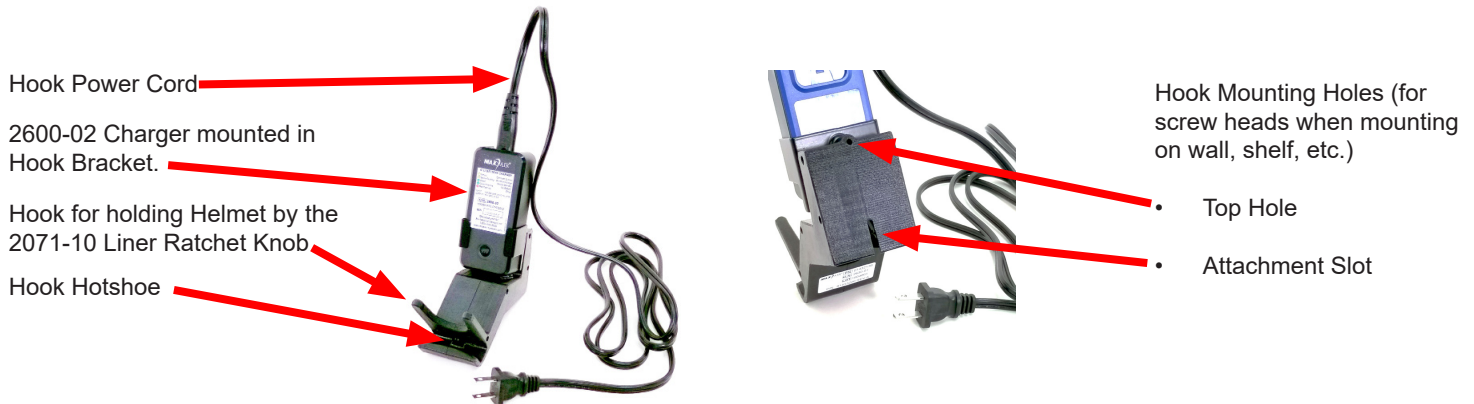
Charging - Using a 2630-01 Helmet Battery Charging Hook



NOTE

The On/Off Switch on the Headband Liner may be placed in either the ON or OFF position for charging with the 2630-01 Charging Hook. With the Charging Hook connected to a safe power source, when the Helmet Headband Liner Hotshoe connects with the Charging Hook Hotshoe, the Helmet Battery will be charged.

If the On/Off switch is left in the ON position, when the Helmet is disconnected from the Charging Hook, charging stops and the Helmet is automatically turned on and is ready for use.



1. With the charger connected to a main power outlet and the LED Green, hold the Helmet upside down by the Headband Liner.
2. Place the Headband Liner Ratchet Knob over the Hook of the Charging Hook.
3. Ensure the Ratchet Knob is fully down on the Hook before releasing the Helmet.
4. Release the Helmet and allow it to hang from the Charging Hook.



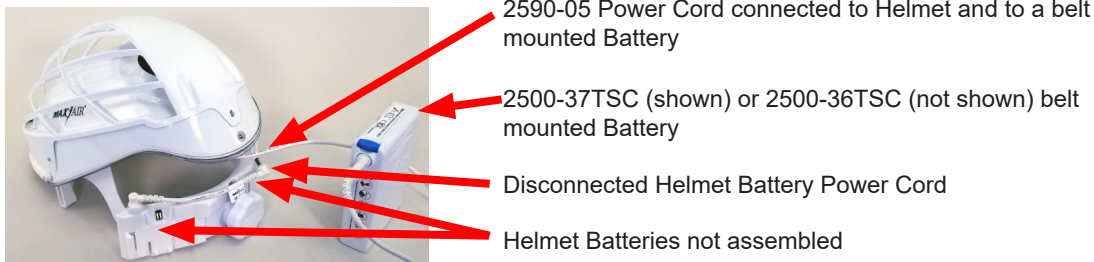
NOTE

If the Charger LED remains Green after being connected for 5 seconds, the Battery does not need charging. If the LED turns red, the Battery will be fully charged and then the LED will turn Green.

5. When the charging LED remains Green, the Battery is ready for use. Lift the Helmet by the Headband, up and off the Battery Bracket.

Using a Belt Mounted Battery with the 2701-10 Headband Liner WITHOUT the Helmet Battery Packs

Any MAXAIR Li-Ion belt mounted Battery may be used with the 2701-10 Headband Liner without the Helmet Battery Packs assembled.



1. Ensure the Helmet Battery Power Cord is disconnected from the Helmet.
2. Connect the 2590-05 Power Cord from the belt mounted Battery directly to the Helmet.