



CAUTION

CAPR Base System User Instructions, P/N 03521015, must be thoroughly read and understood before using any MAXAIR CAPR System. (Included with each shipped Helmet and at maxair-systems.com, Resources, User Instructions.)



REF 2500-10

Symbol Definitions



Warning, Caution, or Note

REF

Catalog Number

P/N

NIOSH Number



WARNING

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

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.

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

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

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

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: fabric may burn if exposed to open flame.

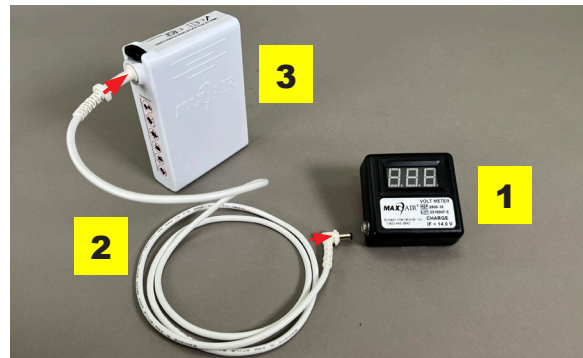
Follow current local regulations governing biohazard waste to safely dispose of single use MAXAIR Products.

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

Intended Use

The MAXAIR 2500-10 Volt Meter is for use with MAXAIR 2500-36TSC and 2500-37TSC Li-Ion Batteries to estimate Battery voltage level.

Standard Volt Meter Connection Scheme



1. 2500-10 Volt Meter	2. 2590-05 Power Cord
	3. 2500-36TSC Battery ¹

¹ Alternate Battery is the 2500-37TSC

Specifications

Measures DC voltages from 3VDC to 30VDC

Accuracy of 1%

Refresh rate of 2 Hz

3-digit, green LED display

Powered by battery under test

Requires 2590-05 power cord to measure voltages of the 2500-36TSC and 2500-37TSC batteries

For 2500-36TSC and 2500-37TSC batteries, charge if < 14.0 V

MAXAIR 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.

All MAXAIR Systems, components, and disposables are latex free.

Connect Volt Meter to Battery



1. Push the Right Angle Power Cord Connector until it is fully seated into the Volt Meter connection receptacle.



2. Push the Power Cord Connector into the Battery Receptacle until the Secure Connection audibly clicks.



3. Note the voltage displayed on the Meter and compare with the approximate ranges in Table 1 to estimate the useful condition of the Battery.

Helmet LED Indicators	Volt Meter - Volts (Approximate Values)	Battery Charge Status
3 Green	≥ 15.8	Battery fully charged ¹
2 Green	14.7-15.7	Nearing half charge remaining
1 Green	13.6-14.6	Caution - Nearing last quarter of charge
Red	$\leq 13.5^2$	Warning - recharge or switch to fully charged Battery as soon as possible

Table 1. MAXAIR Li-Ion Battery Charge Level Assessment

BATTERY	Charging Time	
	2600-02, 2600-01 Charger	
	Typical	Maximum
2500-36TSC	2.5 Hours	5.0 Hours
2500-37TSC	3.8 Hours	7.5 Hours

Table 2. MAXAIR Li-Ion Battery Typical Charging Times



NOTES

1. If the Volt Meter readout is below the Value for "Battery fully charged" indicated in Table 1. after a full charge per Table 2., the Battery should be considered for replacement.
2. If the Volt Meter readout is < 8.8 the Battery should be considered for replacement.
3. If the Volt Meter is not lighted when properly connected to the Battery, the Battery should be fully charged per Table 2.

Disconnect Volt Meter from Battery



1. Pull the Right Angle Power Cord Connector until it is fully removed from the Volt Meter connection receptacle.



2. Press down on the Battery Secure Lock Button and pull the Power Cord Connector out of the Battery connection receptacle.



3. The Battery is ready for use as indicated in Table 1 relative to its voltage reading.