

# THE Electrical Connection

May 2011

Charlotte, NC • Gastonia, NC  
Greenville, SC • Spartanburg, SC



**McNAUGHTON-McKAY**  
ELECTRIC COMPANY

Serving The Carolina Electrical  
Community for 100 Years and Counting!

## Sounds Clear Fits in the Ear

*Listen, Communicate and Protect*

3M™ Peltor™ ORA TAC is a dual sided in-ear headset. It provides clear communication with tactical features (similar to situational awareness) when attached to your 2 way radio. It helps provide protection from high-noise in a variety of environments and helps provide protection from impulse noises when they occur.



ORA TAC is designed to fit comfortably in the ear. This makes it compatible with a variety of head, face, eye wear, and respiratory products. Fitting of the headset is very simple and quick, just like putting an earplug in your ear. ORA TAC is a small lightweight and robust system designed to meet the needs of the industrial user.

The ORA TAC system is comprised of an in-ear headset with PTT adapter and a quick disconnect cable. The cable connects to individual radios and can be switched when a new radio is purchased. ORA TAC is powered by two AAA batteries located in the adapter.

## Four ways Plant-Wide Optimization will benefit your bottom line

The Rockwell Automation approach to Plant-Wide Optimization is part of a broader move toward supply chain and enterprise efficiency that will help you to compete globally. Through Plant-Wide Optimization you can:



- Apply smart technologies to address people, process and product challenges – and drive your innovation future.
- Combat the rising costs of energy, raw materials and lost worker productivity with solutions that help make your operations cleaner, safer and more energy efficient.
- Modernize your automation and information infrastructure to improve the productivity and utilization of your existing production assets.
- Reap more productivity and efficiency from your automation investments by applying an architecture built for continuous improvement.

## Upcoming Training

**May 17:** RSLogix 5000 Level 1: ControlLogix System Fundamentals - Charlotte, NC

**May 19:** RSLogix 5000 Level 2: Basic Ladder Logix Interpretation - Charlotte, NC

**May 24:** RSLogix 5000 Level 3: Project Development - Charlotte, NC

**June 7:** Introduction to PLC - Charlotte, NC

**June 8:** SLC & MicroLogix Introduction - Charlotte, NC

For more information please  
visit our website  
or contact  
**Becky Walters**  
(864) 574-0350 or  
(800) 537-4855

## SolaHD SURGE PROTECTION

*First Line of Defense in Limiting High-Impulse Transients*



High-energy transients either externally or internally generated pose an immediate threat to the reliability and performance of your sensitive electronic equipment. SolaHD recommends placing high-energy Surge Protective Devices (SPDs) on key panels throughout your facility. Within your facility, motors, inductive loads and various equipment load switching can cause damage or costly downtime.

SolaHD's surge-protective devices focus on limiting high-voltage spikes to a level that is acceptable to most electronic equipment. Plus, they're a great first line of defense, using components that are placed in parallel with the line and serve as clamping mechanisms for high-energy impulses. Protection at this level is referred to in the industry as Sine Wave Tracking or electronic grade. Surge Protective Devices are typically installed at service entrances and on larger distribution panels.

## Get the Most Out of Your Roof

*Sunkits Put it All Together for You*

Installing a solar PV system on your roof is like getting paid to reduce your carbon footprint. SolarWorld's Sun at Work® program, makes it simple to maximize your financial and environmental returns.

SolarWorld starts with their industry-leading SolarWorld Sunmodules and combines them with top of the line inverters and racking, specially selected for the highest system-level performance. Each Sunkits® system is custom-designed at the factory for your home and your family's energy use. SolarWorld's network of factory-trained state-licensed installers ensures that your system is installed safely and effectively. For more info contact us at [gogreen@mc-mc.com](mailto:gogreen@mc-mc.com).



**Charlotte, NC Branch**  
4527 Dwight Evans Rd.

**Gastonia, NC Branch**  
1408 Castle Court

**Greenville, SC Branch**  
35 Old Mill Rd.

**Spartanburg, SC Branch**  
9115 Warren H. Abernathy Hwy.

Contact us at ♦ Phone: (800) 537-4855 ♦ Website: [www.mc-mc.com](http://www.mc-mc.com)

