

## **Encon Electronics continues training trend with The Chamberlain Group**

Access control products distributor Encon Electronics collaborated with The Chamberlain Group for a technical seminar on December 9, 2010. This was the third seminar in four months offered by Encon. The workshop was held at their training facility in Hayward, Calif.

Chamberlain's Regional Trainer Bill McCoy provided a comprehensive overview of Elite and LiftMaster gate operators and telephone entry products. McCoy began the seminar with a brief discussion of the safety guidelines involved in general installation and detailed the important variables to consider when installing slide versus swing operators.

McCoy then explained the general rules of operator installation. "We strongly suggest you pay attention to wire gauge charts for proper installation. Operators and phone systems each require their own unique power requirements and the voltage drops when the cycle begins," McCoy added.

McCoy stressed the importance of grounding both telephone entry and gate operator systems. Specific guidelines for grounding methods were explained. According to McCoy, "Grounding is not just a lightning and surge issue. Electromagnetic and RF interference can also disrupt electronics."

In the next segment of the workshop, McCoy covered several of the recently launched Chamberlain products beginning with the LA400 and LA412 residential gate operators. "The LA412 is Chamberlain's first dedicated solar powered operator and utilizes the EverCharge Power Management System," he said.

Alfred Ortega of Ornamental Iron Solutions in Freedom, Calif. said, "The information Bill provided about the new boards was great. There are some important changes to the board and he explained them very well." "The board used in the LA412 is the same board found in the new RSW and RSL operators," McCoy pointed out.

He then provided a thorough outline of the new RSL slide gate and RSW swing gate operators and their features. According to McCoy, "The RSL and RSW will eventually replace the RoboSlide and RobSwing operators. The new units are DC powered and come with built-in battery backups. They also have a unique sleep mode after 30 seconds of inactivity. During this time there is only an 8 MA current draw from the operator which conserves battery life. The photo inputs for the fail safe feature require LiftMaster photo eyes," McCoy explained.

The next portion was dedicated to troubleshooting guidelines for various Chamberlain products. There are 6 general steps for troubleshooting gate operators:

1. Ascertain what's wrong with the system
2. Duplicate the problem
3. Figure out how it should work
4. Determine what parts are needed to make it work
5. Repair and/or replace parts
6. Go back to step 2

After giving a breakdown of the EL25 telephone entry system, McCoy concluded the workshop. Encon dealer Robert Bagby of Robert Bagby Enterprises said, "Bill touched on all the key topics I was interested in and the troubleshooting ideas he gave on the operators were extremely helpful."

Encon's General Manager Jeff Harris noted, "McCoy's years of experience give him the ability to conduct a seminar that works for all levels of expertise. From beginner to season veteran, there was something for everyone. Encon Electronics is proud to be able to provide our dealers with the seminars, training and tech support they need to thrive in this industry."

Encon continues to offer manufacturer seminars and as requested, custom training opportunities for their dealers throughout the year. Visit [www.enconelectronics.com](http://www.enconelectronics.com) for upcoming Encon seminar information.