

Tips From Ozzie

After 11 years of faithful service, it was time for Ozzie OSCO to receive an Extreme Makeover. Some people may be used to the old Ozzie, so we've printed him once more for old time's sake.



Linear/OSCO
Technical Support
Direct Line 1-800-333-2508

Troubleshooting Blown F1 Fuse on A/C Operator

If the F1 fuse on the main board of an A/C powered operator is blown, the likely cause is a shorted accessory item. However, this condition could also be caused by a damaged main board. To troubleshoot this condition, unplug the J2 connector on the main board and replace the fuse. If the fuse does not blow, this confirms that the problem is related to your accessory connections. If the fuse does blow, this confirms that the main board is damaged and will need to be replaced.

Audible Warning Alarms and Gate Safety

DO NOT disable audible alarm by removing the wires at the alarm! Linear/OSCO operators ship from the factory with a dual-tone audible warning alarm enabled. This alarm has several important diagnostic and safety warning functions. The alarm will sound a continuous warning tone in the event of an entrapment sensing condition. It also will sound this continuous tone if the maximum run timer expires before the gate reaches a limit. The alarm will sound an intermittent tone during gate movement as a warning. Although the UL325 standard does not require an audible alarm during gate movement, Linear/OSCO strongly recommends that the run alarm not be disabled. In the event that the run alarm must be disabled, do so by removing the jumper between terminals 61 and 62. NEVER disable the run alarm by disconnecting wires at the alarm! This may result in the continuous tone entrapment alarm being disabled preventing the technician or gate user from understanding that the gate is stopped due to an entrapment sensing condition.

Linear® OSCO® OPENER FORUM

Published for the dealers and distributors of Linear/OSCO

Summer 2004

New SW Series Swing Gate Operators Maintain OSCO Tradition of Value

The new Linear/OSCO SW Series swing gate operators maintain the OSCO tradition of excellent value in door and gate operators.

The SW Series is packed with features designed to make them easy to install, exceptionally reliable, and simple to service.

The sturdy polyethylene cover has a removable metal access door with key lock that grants convenient access to the power switch, hinged control box, and cam-operated limit switches. This puts all of the diagnostic tools and adjustments at your fingertips without removing the cover. Like all Linear/OSCO gate operators, the new SW

Series offers standard convenience features including an exterior stop/reset button to reset the operator after an alarm condition. A wired three-button station provides simple and reliable gate activation during setup and test. All 115V gate operators have duplex power outlets for accessories. Commercial and residential models are available in both 115VAC and 230VAC power.

The SWC commercial swing, SWD battery back-up swing, and the SWR residential swing are all built on a common heavy-duty steel chassis. They also share a common powder coated crank arm assembly that



requires no welding during installation.

The new SW Series was introduced January 2004, and has replaced the MSG-A, MSG-D, CRS, CRS-D and RS swing gate products that were discontinued July 1, 2004.

All-New Linear/OSCO Website

The Linear/OSCO website at www.operatorspecialty.com has been redesigned and updated.

We have included more information, and made it easier to navigate. All of the new products are featured including the SW and SL Series operators and the LA36 linear drive swing gate operator.

An extensive selection of literature and technical documentation is available for download including specification sheets, manuals, architect specifications and safety sheets.

Restyled Gate Literature Now Available

Linear/OSCO has a restyled brochure featuring our full line of gate operators. These new tri-fold brochures are full color and great for presentations to potential or existing customers.

Restyled specification cutsheets are available for the HSLG and LA36 as well as new cutsheets on our SW and SL Series gate operators.

If you are interested in receiving these new brochures or cutsheets, please call your Linear/OSCO sales representative at 1-800-333-1717.



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Expanded Sales Team Representing Complete Linear/OSCO Product Line

This past January, the Linear Entry Systems outside sales team has joined the OSCO inside sales team representing the Linear/OSCO line of gate operators, door operators, and accessories throughout North America. Led by Larry Foisie, VP of sales and marketing for Linear/OSCO, the team covers the entire United States and Canada. This

is a great advantage for OSCO customers who now enjoy an experienced direct sales force to provide sales support in the field. Remember that this team is in addition to the outstanding OSCO inside sales and service teams that you are accustomed to working with.



Audrey Frankhouser
Linear/OSCO Inside Sales



Joyce Shears
Linear/OSCO Inside Sales



Peter Gil
Linear/OSCO Inside Sales



Scott Renninger
District Sales Manager
PA, NY, NJ, CN, MA,
VT, NH, ME, RI



Joe Schenke
District Sales Manager
MI, IN, OH



Marvin Eckardt
District Sales Manager
IL, WI, MN



Sam Carlton
Southern Regional Sales Manager
TX, OK, AR, LA



Bill Jones
District Sales Manager
FL, GA, PR



Bill Hamilton
District Sales Manager
TN, KY, AL, MS



Chuck VanSickle
Western Regional Sales Manager
No. CA, No. NV, UT, CO, WY



Bill Fredrick
District Sales Manager
So. CA, So. NV, AZ, NM



Mark Glynn
Northern Regional Sales Manager
ND, SD, NE, KS, IA, MO



Rick Tofflemire
District Sales Manager
Eastern Canada



Tommy Grant
District Sales Manager
NC, SC, VA, WV, MD, DE

Radio Frequency Options

Linear/OSCO offers several frequency options for radio controls for your door and gate systems. For many years OSCO has offered the 300 MHz Multicode radio products and the 310 MHz Delta 3 products. Later we began to carry the 318 MHz Megacode products. All are good, reliable radios with comparable range -- the difference lies in the number of codes and method of programming the transmitters.

Multicode and Delta 3 are both dip switch based products with 1,024 and 256 code capability respectively. With these dip switch technology products, the receiver and transmitters have a bank of 8 to 10 dip switches that must be matched to make them work together. The advantage to this system is that it is simple to set up. A potential disadvantage is that replacement or additional transmitters can be added by consumers simply by purchasing compatible transmitters at the hardware store and copying the dip switch settings from an issued transmitter. This results in lost revenue to the dealer, and compromised security for the property owner.

The 318 MHz Megacode radio system improves upon dip switch technology by utilizing a factory preset code that is learned to the receiver. Security is greatly enhanced and code duplication is eliminated with over 1,000,000 different codes in use.

Another advantage is that to learn a new transmitter, a person must have physical access to the receiver. This prevents the addition of unauthorized transmitters to the system, enhancing security and ensuring the opportunity for continuing revenue from transmitter sales. The Linear Megacode radio system includes single and dual channel general purpose receivers, a long range receiver, and AP-4 programmable access controller, and a variety of transmitter options including a gate edge transmitter. Megacode transmitters are also directly compatible with Linear telephone entry products, door controllers, and residential garage door openers, creating a seamlessly integrated radio product family. Contact your Linear/OSCO salesperson or if you have questions about which radio product is best for your application.

2004 Technical Seminars a Success

Due to the overwhelming response from customers, Linear/OSCO held two consecutive Technical Seminars during the week of March 22, 2004.

Several of the attendees returned for a second or third time as a refresher before their busy season kicks in. Response from the people attending was very positive, proving that this type of service seminar is a valuable resource to all who attend.

Subjects covered were safety, basic electricity, a Linear Access product presentation, equipment application, troubleshooting on operators, UL325 and the latest in safety standards for both door and gate operators, along with a question/answer session.

Linear/OSCO extends its overall commitment by providing these semi-annual seminars to our customers. If you are interested in attending a future Linear/OSCO Technical Seminar, please contact Cheryl at 1-800-333-1717.

Cost of attending is \$65.



SCREENING SLIDE GATES

All openings shall be designed, guarded or screened from the bottom of the gate to a minimum of 48" above grade to prevent a 2 1/4" diameter sphere from passing through the openings anywhere in the gate, and in that portion of the adjacent fence that the gate covers in the open position.



REMEMBER: 7 FEET!

All access control devices are to be placed at least seven (7) feet from any position through which the gate may travel.



COVERS FOR CANTILEVER GATE ROLLERS ASTM F2200

requires that all exposed rollers are covered! Safety-conscious dealers recognize the need for roller guards and always insist on their installation

*Faultfinding
without suggestions
for improvement
is a waste of time.*

Ralph C. Smedley
(1878-1965)



Participants of OSCO's March 23-24, Tech Seminar included the following companies (in no particular order): Garage Door Specialist - Spring Lake, MI; Patton's Fence - Goshen IN; Cadillac Garage Door - Cadillac, MI; Fence World - Wheatland, IN; Southern Ohio Fence - Lucasville, OH; Shopping Center Services - St. Louis, MO; Farm-N-Garden - Kalamazoo, MI; Erie Fence - Erie, PA; Access Parking systems - Chicago, IL; Shepherd Garage Door - Lansing, MI; Allegheny Fence - Pittsburgh, PA; Detek Security Systems - Midland, MI; and Master Halco - Bensalem, PA and Lascassas, TN locations.



Participants of OSCO's March 25-26, Tech Seminar included the following companies (in no particular order): Brazil Door Co. - Brazil, IN; Electronic Access Systems - Westchester, IL; Double D&D Materials/Installation - Dayton, OH; The Postman - Scotts, MI; Hunt's Fence - Marion, OH; Tackett's Fence - Marion, OH; B.C. Specialties - Fort Morgan, CO; Pro-Tec Industrial Services - N. St. Paul, MN; Harbor Fence - Petoskey, MI; South Lyon Fence - New Hudson, MI; DeWitt Fence - Lansing, MI; Allied Fence - Elkhart, IN; Muskegon Garage Door - Muskegon, MI; Atlas Overhead Doors - North York, Ontario; and Master Halco - Dallas, TX and Gardena, CA locations.

Circuit Boards and Gate Operators

Most Linear/OSCO gate operators manufactured from March of 2000 to present utilize the same OSCO main control circuit board.

The part number for this board is 2500-1945. Many customers make the mistake of trying to order replacement circuit boards using this part number. This 2500-1945 part number is only for the board - less the logic chip and the motor board that is attached to the main board. This number should never be used to order a replacement board!

You must specify the main board assembly number which includes the correct logic chip or the entire assembly which includes the main board, logic chip, and motor board.

If you are unsure about which assembly you need, refer to the installation manual for the proper assembly number, or write down the model and serial number of the operator and contact Linear/OSCO technical support or inside sales.