

INSTALLATION

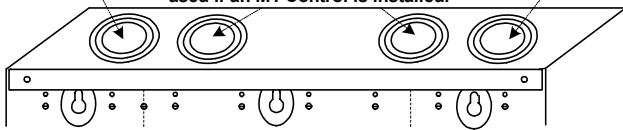
The ELK-SWB28 is a universal structured wiring box featuring a pattern of hole-slot-hole that allows it to accommodate accessories, circuit boards, shelves, brackets, and wiring modules from many different manufacturers. It may flush or surface mounted. Flush mounting is ideal for hollow frame walls with studs on 16" centers. The minimum rough opening is 14.25" wide, 28.25" high, 3.5" deep. The SWB28 can be adjusted for varying wall finish thicknesses and the hinged lid extends beyond the box edges approximately 5/8" which easily conceals uneven cutouts of the wallboard edges.

NEW CONSTRUCTION ROUGH-IN

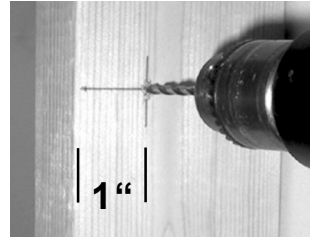
1. Remove any conduit knockouts prior to mounting the box.

Only these two (2) knockouts may be used if an M1 Control is installed!

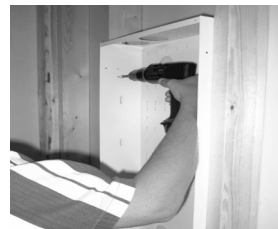
These two (2) knockouts CANNOT be used if an M1 Control is installed.



2. Pilot drill 1/8" holes on the left and right studs approximately 64" up from the floor and 1" from the front edge. This allows for 1/2" wall finish (sheetrock, etc.) with room for adjustment.



3. If desired, install an electrical outlet in the rectangular knockout on the lower flange. A standard one gang electrical "J" box is mounted using #6 Flat Head Self-Tapping Screws (not included)



Position box and install a #10 screw (not included) in the upper left and right horizontal slots using the pilot holes. Adjust front edge of box 1" from the stud face and tighten screws. Install other two screws.

4. Pull wires through one or more of the entry holes. The design of the SWB28 allows wires to be organized along the sides. Plastic wire ties can be used to secure wiring as shown.



INSTALLING THE LID AFTER WALLBOARD INSTALLATION AND/OR PAINTING

5. To install the lid, start two (2) 6-32 x 3/8" type F sheet metal screws into the top and bottom holes of the hinge as shown below. Hold lid against left side of box and align the two 6-32 screw heads with the slotted (key) holes on the box.

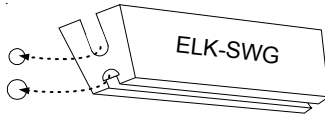
Move lid right until the screws engage the slots, then lower into place. BOX MAY BE ADJUSTED FORWARD AND BACK AS NEEDED. Tighten the first 2 screws, then install the remaining 4 screws. Door should open and close freely.



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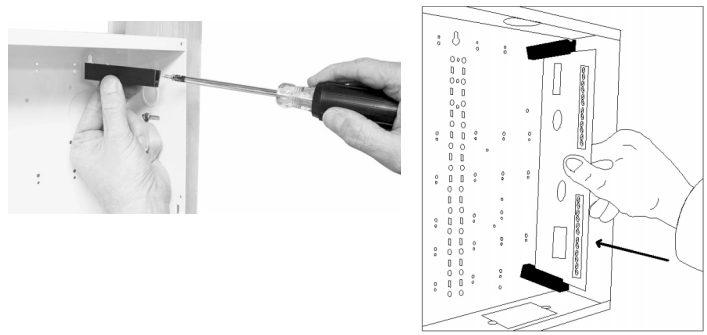
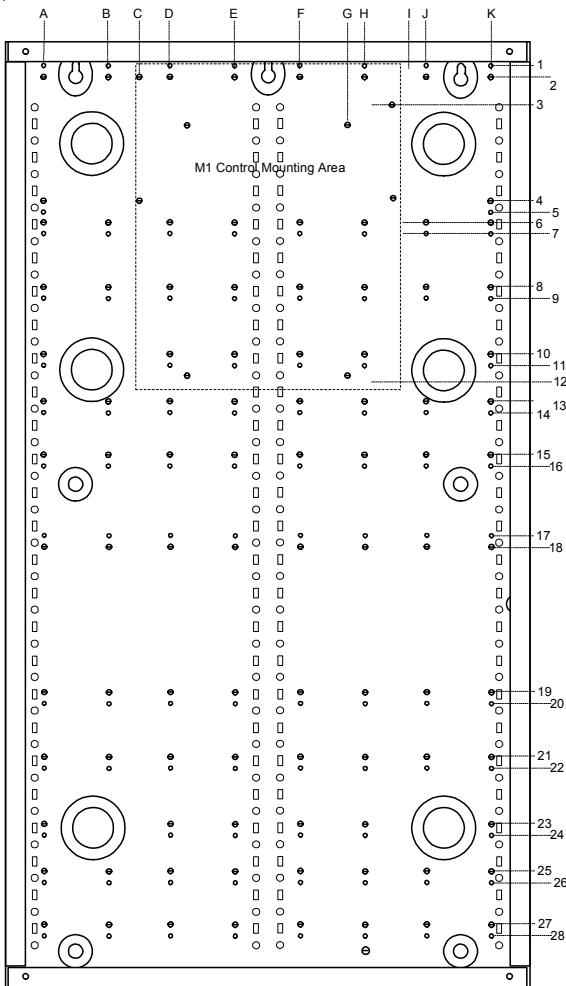
PO Box 100 • Hildebran, NC 28637 • 828-397-4200 • 828-397-4415 FAX
<http://www.elkproducts.com> • email: info@elkproducts.com

6. For accessory circuit boards there are 8 columns of repeated 2-hole punch patterns. These are labeled A, B, D, E, F, H, J, & K on the box diagram. One hole in each pattern is slightly larger than the other. These 2-hole patterns are for plastic Circuit Board Glides (p/n ELK-SWG). The small hole is for a 6/32 type "F" mounting screw and the large hole is for a half-moon shape ltab on the bottom of each glide.



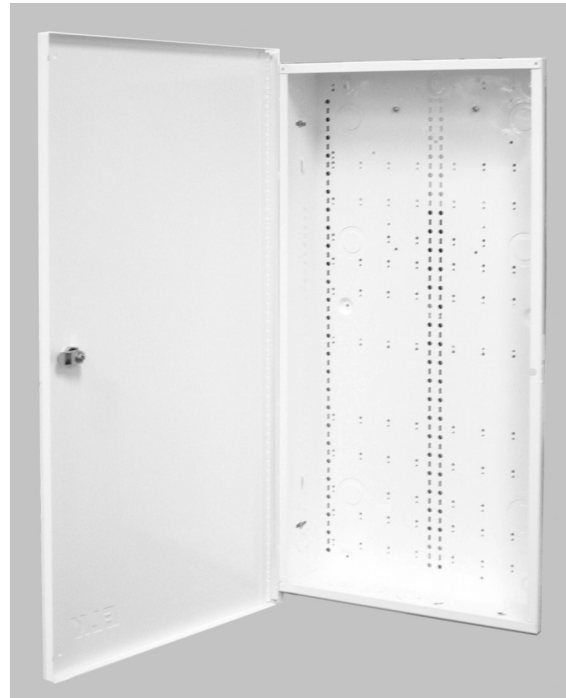
To mount a circuit board, select a pair of 2-hole patterns in the same vertical column that have their larger holes facing one another. The distance between the center of the large holes determines the size (length) of the circuit board that may be mounted. The available mounting lengths in inches are: 3-1/2", 4", 6", 8", 9-3/8", and 11".

Starting at the top, loosely start a 6/32" mounting screw in the small hole of the first selected 2-hole pattern. Place the slotted edge of a circuit board glide under this screw, making sure that the half-moon tab fits into the larger hole and the grooved edge is facing down. Tighten the screw using a long shafted screwdriver. In the second or lower 2-hole pattern loosely start a 6/32" mounting screw. Attach the second circuit board glide using the same procedures. The grooved edge of this glide should face up.



The circuit board should slide freely into the grooves between the two glides. If the board is loose or too tight, simply loosen one of the mounting screws and adjust the glide to assure a good fit.

7. Install camlock onto box lid and mount any remaining devices.



Shown Flush Mounted

8. If desired, two (2) #10 sheet metal screws can be installed in the right side of the lid (upper and lower) to make the box more secure against tamper. In addition, the SWB28 provides mounting holes for two tamper switches.



Optional Accessories For SWB28

- ELK-SWD1 1.75" Grommet Donuts (2)
- ELK-SWG Circuit Board Glides (2)
- ELK-SWNS1 Nylon Standoffs for SWP (10)
- ELK-SWP 4.5" Multipurpose Adapter Plate
- ELK-SWP3 3" Multipurpose Adapter Plate
- ELK-SWS Battery Shelf