



POSITION INDICATOR SET-UP PROCEDURES For Monitors and Turrets

The position indicator is equipped with programs for several different products. To initiate the correct program for a given product, choose from the following programs.

Program #1 - No Style - Flashes all LED until program is selected.

Program #2 - Custom program (See page 2)

Program #3 - Style 3475 Hydraulic Gemini (Rotation only)

Program #4 - Style 3440 DeckMaster

Program #5 - Style 3467 Roof Turret

Program #6 - Style 3352 Bumper Turret

Program #7 - Style 3463 FireFox

If the style number of the monitor is not in the above list use Program #2.

At first power-up the position indicator will have program #1 initiated. The position indicator will flash all LED's (red, green, amber) until a new program is selected. To select a new program, hold a small magnet (ex, small screwdriver with magnet at the opposite end) to the upper right corner of the indicator for 15 seconds until the LED's turn green (See Set-up location on Fig. 1). Remove magnet from upper right corner when the LED's turn green.

The number of green LED's on the rotation axis display will indicate the program number. Use the lower right (+) and left (-) corner to change programs. To increase to a higher program number, wave the magnet across the lower right corner. To decrease to a lower program number, wave the magnet across the lower left corner. The number of green LED's on the rotation axis will indicate what program it is in. Stop when the correct program is reached. To save and exit the set-up, wave the magnet over the upper left corner of the position indicator.

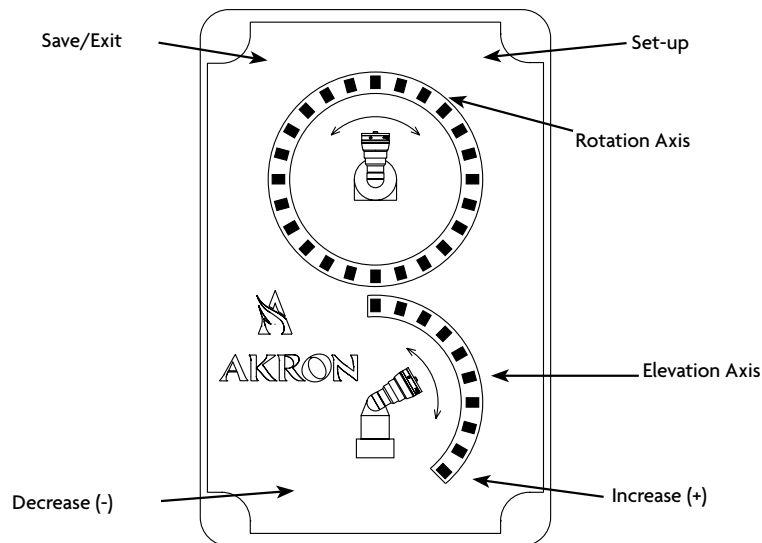


Figure 1

Note: The set-up procedure will time out with out saving after 60 seconds of non-activity or during power down before the Save/Exit step.

Program #2 - CUSTOM program:

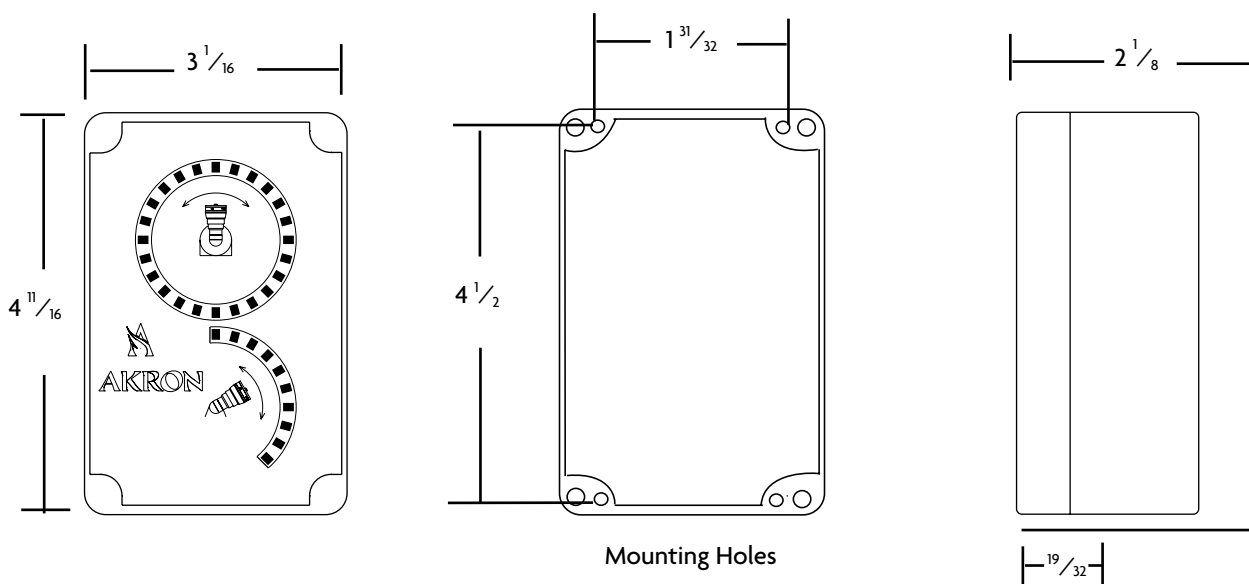
After entering the custom program hold the magnet to lower-right (+) position for 15-17 seconds (no more, no less). The rotation LED's will be RED during this 15 second period, they will turn GREEN between 15 and 17 seconds. The magnet must be removed during this GREEN period.

The rotation LED's throughout the default travel range will be GREEN except for the lead LED, it will be RED. The rest of the LED's outside the travel range will be OFF. Use lower-left (-) & lower-right (+) to move the red LED (the green LED's will follow) to the position desired as the LEFT end-of-travel. **Move the turret to the corresponding Left end-of-travel.** When these are both set at the desired location, use the upper-right (Set-up) to save the Left position and move to the next position to be set (it will cycle thru the all four end-of-travel positions, Left first, then Right, then Down, then Up.)

When the last position (up) is set the program will save and exit into run mode.

Note: Exit will occur automatically if no input activity is detected after 60 seconds or power down occurs during set-up, (this provides escape in case mode is entered accidentally) but the settings will not be saved until the Save/Exit is selected.

Dimensional Layout



Diagnostics

The position indicator has several diagnostic features.

What program is currently selected?

To determine what program is currently selected without entering the set-up procedures, hold a magnet to the Upper Left corner (Save/Exit) for 15 seconds. Remove the magnet when all the LED's turn green. The number of green LED's on the rotation axis will indicate what program it is in. The program will return to run mode after 5 seconds.

Are the position feedback pots working properly?

To determine if the feedback pots are working properly, hold a magnet to the Lower Left corner (Decrease) for 15 seconds. Remove the magnet when all the LED's turn green.

For the Elevation Pot:

Hold a magnet near the Lower Left corner again. Continuing to hold the magnet near the Lower Left corner will change the LED's on the Rotation and Elevation Axis to an A-D Hexadecimal reading. The Rotation Axis will indicate the higher number reading (1-9 + A-F) and the Elevation Axis will indicate the lower number reading (1-9 or A-F). When changing the elevation thru its full range the LED's on both axis should increase or decrease depending on the direction if the feedback pots are working properly.

For the Rotation Pot:

Hold a magnet near the Lower Right corner. Continuing to hold the magnet near the Lower right corner and follow the directions above.

To return to run mode wave the magnet over the Upper Right corner.



PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or 800.531.7335 | akronbrass.com

REVISED: 8/11

WARRANTY AND DISCLAIMER: We warrant Akron Brass products for a period of five (5) years after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service.

We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; damage; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

© Akron Brass Company. 2011 All rights reserved. No portion of this can be reproduced without the express written consent of Akron Brass Company.