

G-5500 Antenna Azimuth-Elevation Rotators & Controller Instruction Manual

PRE-INSTALLATION ADJUSTMENT

Switch the controller off and adjust the **0. ADJ** screws beneath each meter face, if necessary, so that each meter points to the left edge of the scale. Then turn the controller back on for the following steps.

Azimuth Indicator

Press and hold the **LEFT** switch and allow the azimuth rotator to turn until it reaches its end stop. Note the precise position of the rotator (mark the housing, if necessary), and then press and hold the **RIGHT** switch to bring the rotator around one full turn to exactly the same position. The meter should now point precisely to 360° of the scale. If not, adjust the **FULL SCALE ADJ** potentiometer at the upper corner of the rear panel above the **AZIMUTH** terminals.

Press the **RIGHT** switch again to continue clockwise rotation until the rotator reaches its end-stop. The indicator should now point to right edge (90°) of the scale.

Elevation Indicator

Press the **UP** switch to align the 180° markers on the rotator. The meter should now point precisely to 180° at the right end of the scale. If not, adjust the **FULL SCALE ADJ** potentiometer at the upper corner of the rear panel above the **ELEVATION** terminals.

Notes on Controller Operation:

- The rotator motors are rated for five-minutes intermittent duty. However, they be brought to rest for at least 15 minutes afterwards.
- If both **UP** and **DOWN** switches or **RIGHT** and **LEFT** switches are pressed at the same time, the corresponding rotator turns up or right (clockwise).
- Release the switch when the meter indicates in the end zones (the rotator stops).
- Remember to turn the controller off when the rotators are not in use.

