

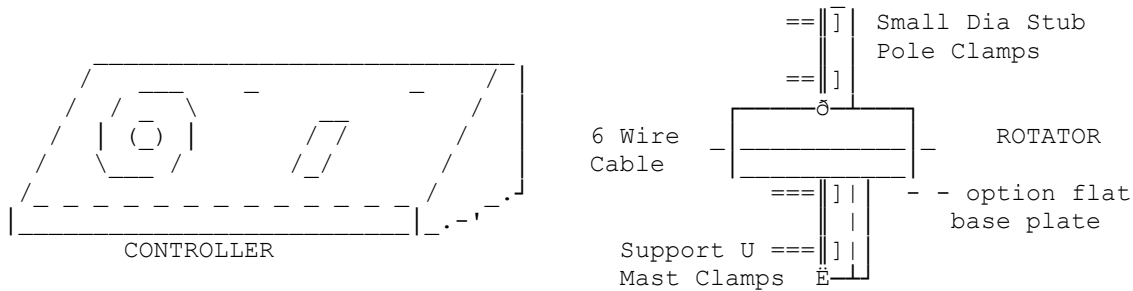
Rotator Yaesu G250 info

By G8MNY

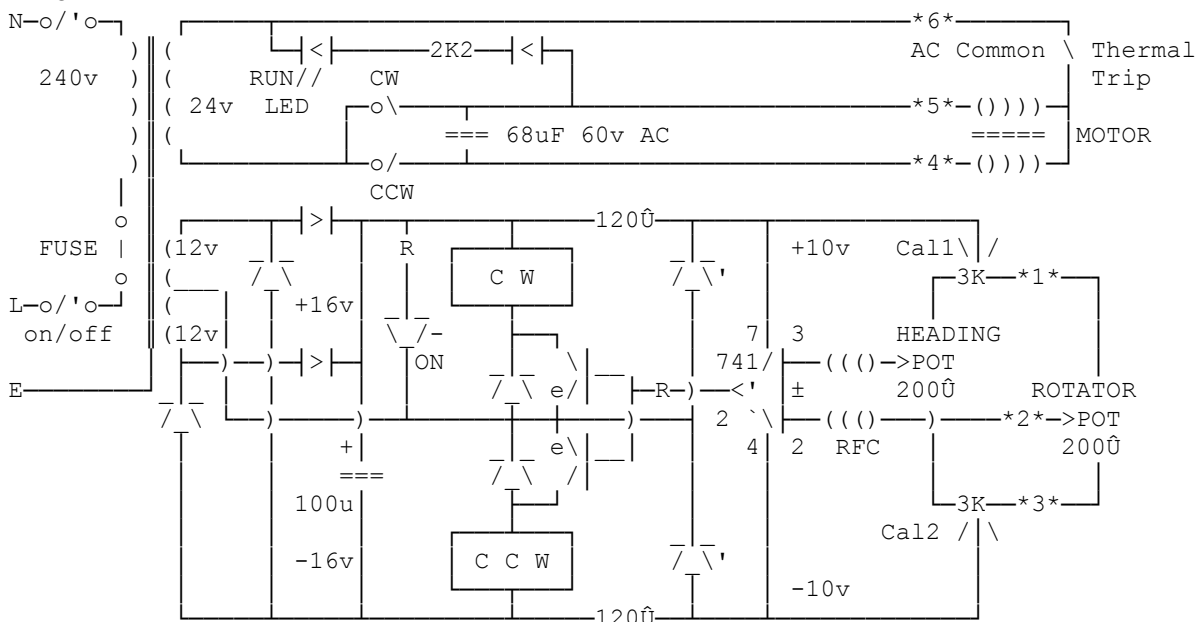
(New Jan 06)

(8 Bit ASCII Graphics use code page 437 or 850)

This is small basic & reliable rotator with pot control & self hunting etc.



DIAGRAM



(N.B. Incomplete diagram)

* External Connections

DESCRIPTION

Two relays power the 2 pole AC rotator motor on either line 4 or 5. The Run LED is lit when either is powered as either 24V AC or via the phase shift AC capacitor. The relays are operated by the opamp & either driver transistor. The opamp inputs are feed via RF filtering components with the bridge output, comparing the slider voltage of the controller & rotator pots. The cal presets enable calibration of $\pm 180^\circ$ positions (south).

IN USE

Although a very small rotator, I have used an enormous 55e 23cms TONNA beam 5.5M long on one at 10M for many years. But to keep bearing strain down I use only a 3cm x 30cm long stub pole.

Why Don't U send an interesting Bul?

73 de John G8MNY @ GB7CIP