

Alinco Rotator info

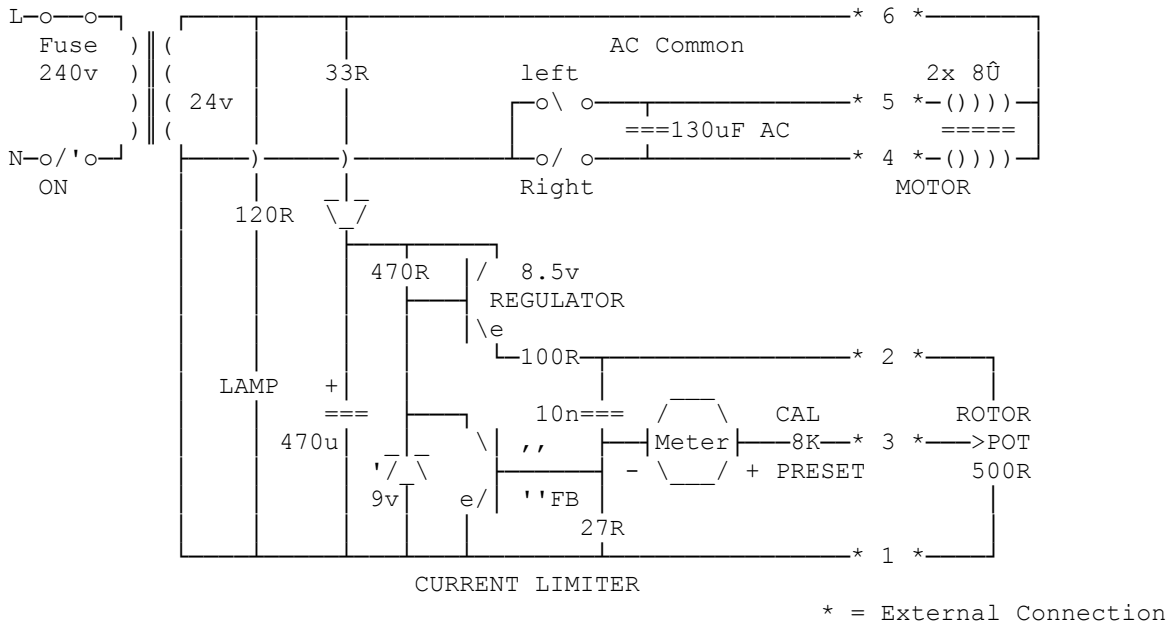
From: G8MNY@GB7CIP.#32.GBR.EU
 To : TECH@WW

By G8MNY

(updated Feb 05)

This is basic & reliable rotator with manual switch controls & regulated meter heading readout.

DIAGRAM



N.B. *1* to *6* = 24V AC could be useful for things!

The circuit could have been wired to use only 5 wires if the the switch feed & AC common were reversed, making 1 the new AC common to the motor, as well as the pot earth.

MODS

1/ As with most rotators the motor is well over run, so if high usage (e.g. more than 2 mins) is needed then add a high wattage low value R (e.g. 8Ω 10W) in series with the motor common (*5*). This will increase motor run time before it overheats, without significantly reducing the available torque.

2/ Also a 0u5 Cap across the mains will correct the transformer's power factor for /P operation (but not the motor run PF!).

Why Don't U send an interesting Bul?

73 de John G8MNY @ GB7CIP