

PALOMAR INSTRUMENT COMPANY

563 NO. CITRACADO PARKWAY
ESCONDIDO, CALIFORNIA 92025
AREA 714 PHONE 746-2666

MODEL 500
WATT-SWR METER AND AM MONITOR
0-10, 0-100, 0-500 WATTS

TO MEASURE WATTS: FWD-REV SWITCH IN FWD POSITION. SWR-PWR SWITCH IN PWR POSITION. RANGE SWITCH IN PROPER POSITION. TRANSMITTER CONNECTED TO "IN" CONNECTOR ON BACK OF MODEL 500 ANTENNA OR DUMMY LOAD CONNECTED TO "OUT" CONNECTOR ON BACK OF MODEL 500. READ WATTS ON PROPER BLACK SCALE.

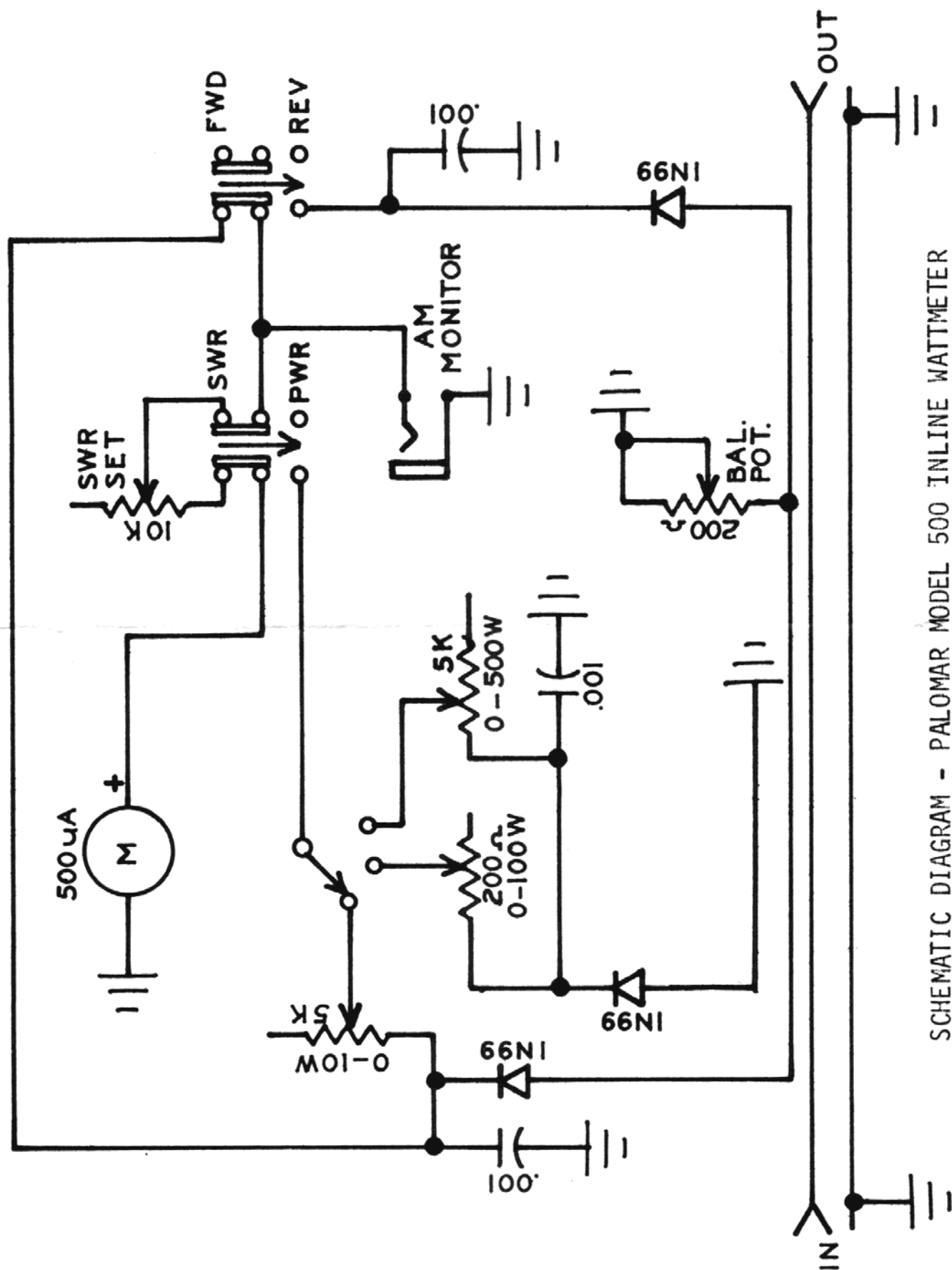
TO MEASURE SWR: FWD-REV SWITCH IN FWD POSITION. SWR-PWR SWITCH IN SWR POSITION. TRANSMITTER AND ANTENNA CONNECTED AS IN "TO MEASURE WATTS". TRANSMIT AND SET METER POINTER TO SWR SET ON RED SCALE USING SWR SET KNOB. SWITCH FWD-REV SWITCH TO REV POSITION AND READ SWR ON RED SCALE.

AM MONITOR: HEADPHONE PLUGGED INTO JACK AT FRONT OF MODEL 500, FWD-REV SWITCH IN FWD POSITION. SWR-PWR SWITCH IN PWR POSITION. WHEN TRANSMITTING AND SPEAKING INTO MICROPHONE, THE TRANSMITTED AUDIO WILL BE HEARD IN THE EARPHONES. DO NOT MEASURE WATTS OR SWR WITH HEADPHONES PLUGGED INTO THE MODEL 500.

THE CALIBRATION CONTROLS ON THE BACK OF THE MODEL 500 ARE SET AT THE FACTORY AND SHOULD NOT REQUIRE FURTHER ADJUSTMENT.

WARRANTY POLICY

PALOMAR INSTRUMENT COMPANY WARRANTS THIS EQUIPMENT AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP, EXCEPT FOR TUBES, TRANSISTORS, AND DIODES UNDER NORMAL SERVICE FOR A PERIOD OF SIX MONTHS FROM DATE OF ORIGINAL PURCHASE. DO NOT SHIP TO THE FACTORY WITHOUT PRIOR AUTHORIZATION. ALL RETURNS FOR REPAIR MUST BE SENT FREIGHT PREPAID. PALOMAR INSTRUMENT COMPANY WILL PREPAY THE RETURN FREIGHT. THIS WARRANTY IS LIMITED TO REPAIRING OR REPLACING ONLY THE DEFECTIVE PARTS, AND IS NOT VALID IF THE EQUIPMENT HAS BEEN TAMPERED WITH, MISUSED, OR DAMAGED.



SCHEMATIC DIAGRAM - PALOMAR MODEL 500 INLINE WATTMETER
PALOMAR INSTRUMENT CO. - Escondido, Calif. 7-12-71