

REVEY
SWR



POWER
P.E.P.

POWER/SWR METER WITH P.E.P. READING Cat D-1360

Instructions

Thank you for your purchase of the DSE/Revex Power/SWR meter. Unlike normal average reading meters, the D-1360 Power/SWR meter provides accurate Peak Envelope Power (P.E.P.) metering even when complex modulation (as occurs in S.S.B.) is present. Please refer to the following instructions before using this meter for the first time.

Setting Up

1. Connect to and from the meter with high quality coax patch cables.
2. Connect the meters DC cable to a 13.8V DC supply, noting the polarity of the leads (red to +, black to -).
3. Turn the Calibration knob fully counter-clockwise.

S.W.R. Measurement

1. Select Power switch to 'off' position, and Function switch to 'Cal' position.
2. While transmitting a carrier signal (eg. C.W.) adjust the Calibration knob clockwise until the meter movement reaches the 'Cal' position on the right-hand side of the scale.
3. Stop transmitting, select Function switch to 'SWR' position, transmit again, and read SWR from the meters top scale.

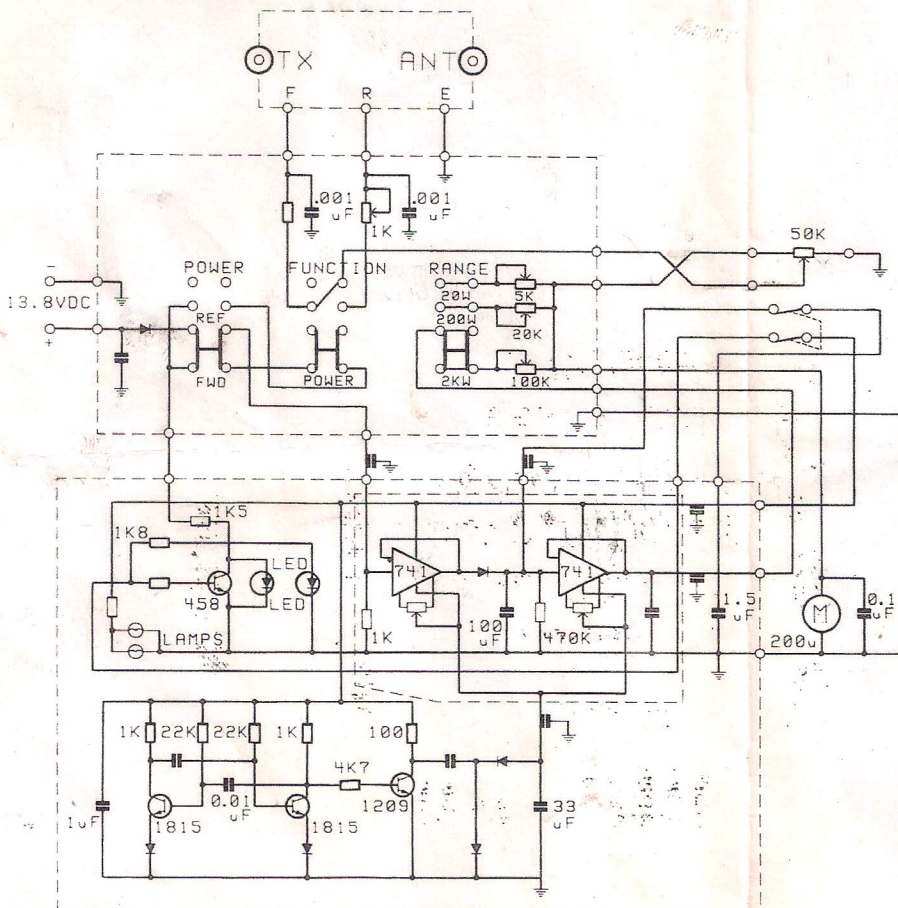
Power Measurement

Carrier Modes (eg C.W., F.M.)

1. Select Power switch to 'Fwd' position, and Function switch the 'Power' position.
2. Ensure Calibration knob is pressed in.
3. Select appropriate power reading by using the range switch.
4. Start transmitting, and read power output on the appropriate lower scale.

Voice Modes (Eg. A.M., S.S.B.)

1. As above, but pull Calibration knob out for P.E.P. metering.



Specifications

Frequency Range	1.6 - 60MHz
Measurement Power Range	0 - 2kW
Power Range	20W/200W/2kW
Power Measurement Accuracy	+/-10% (of reading)
Note: 1.6 - 3.5MHz	subtract 5% (of reading)
SWR Measurement	1.0 - ∞
Insertion Loss	Less than 0.1dB
Input/Output Impedance Plugs	50 Ohms
Input/Output Connection Plugs	SO-239
Dimensions	120 (W)x72(H)x85(D)mm
Power Supply	DC13.8V 200mA