

KENWOOD

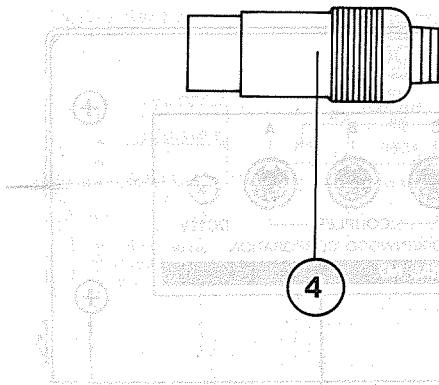
SW-200

SWR/POWER METER

■ Features

The **SW-200** through-type SWR/POWER meter in conjunction with a directional coupler, can be used in the 1.8 – 450 MHz frequency range.

- As a through-type meter, it can be connected in conjunction with the transmitter and antenna so that output power can be measured during operation.
- Either a toroidal directional coupler (**SWC-1**) or a line directional coupler (**SWC-2**) are used in conjunction with the meter. Sensitivity is high, the output characteristics are flat and power can be measured over a wide range. Calibration or calculation. SWR may be measured as little as 3W of power, in the 1.8 MHz HF



- The coupler and display unit can be separated. The display unit can be mounted wherever convenient. Up to 3 couplers can be connected to the one display unit. One display unit can be used to observe multiple transmitters or antenna systems.
- The display unit uses dual meters to simultaneously measure forward and reflected power for transmitter and antenna tuning.
- The **SW-200** SWR/POWER meter can measure peak-to-peak PEP (Peak Envelope Power).

COMPLIMENTS OF VE9GC

FREE DISTRIBUTION ONLY PLEASE

■ **Before operation**

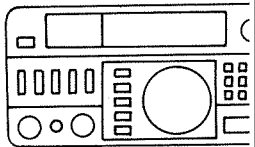
- 50Ω coaxial cables with good quality UHF (140 – 450 MHz) is measurement errors.
- For accurate measurement use 50Ω dummy load

■ **Connection**

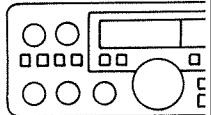
- Connect the transmitter and the antenna using 50Ω coaxial cables. If used, connect it between the antenna and the antenna as shown above.
- Select the coupler using the corresponding indicator.
- To measure PEP or to measure the input jack to a 12V black cable provided. (–). If the cable is connected to the PEP circuit will not deflect.

Do not apply a DC voltage

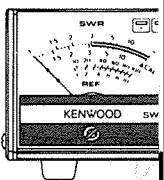
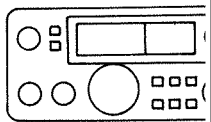
HF Transceiver



VHF Transceiver



UHF Transceiver



■ **Operation**

- **Remember:** The airwaves are a limited resource.
 1. Listen on frequency before transmitting.
 2. Use the least possible bandwidth.
 3. Keep dead-carrier time to a minimum. This helps both you and the other operator.
 4. Please be courteous.
- Before keying the transmitter, set the frequency control fully counterclockwise to protect the microphone.

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RF po

AM/FM ca

AM single
100% mod

SSB single

SSB, 2 to

SSB, voic

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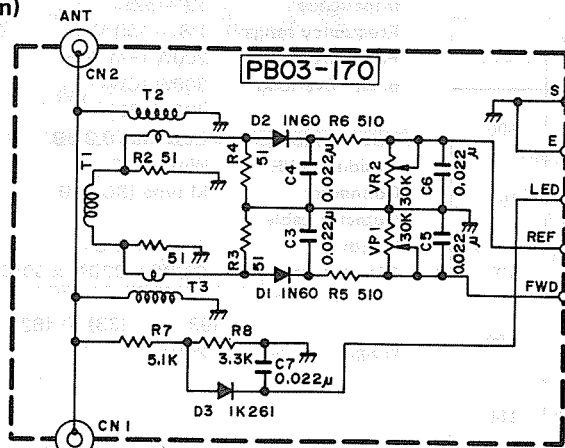
SW
1.0
1.2
1.5
2.0
2.5
3.0

■ N
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Schematic Diagram

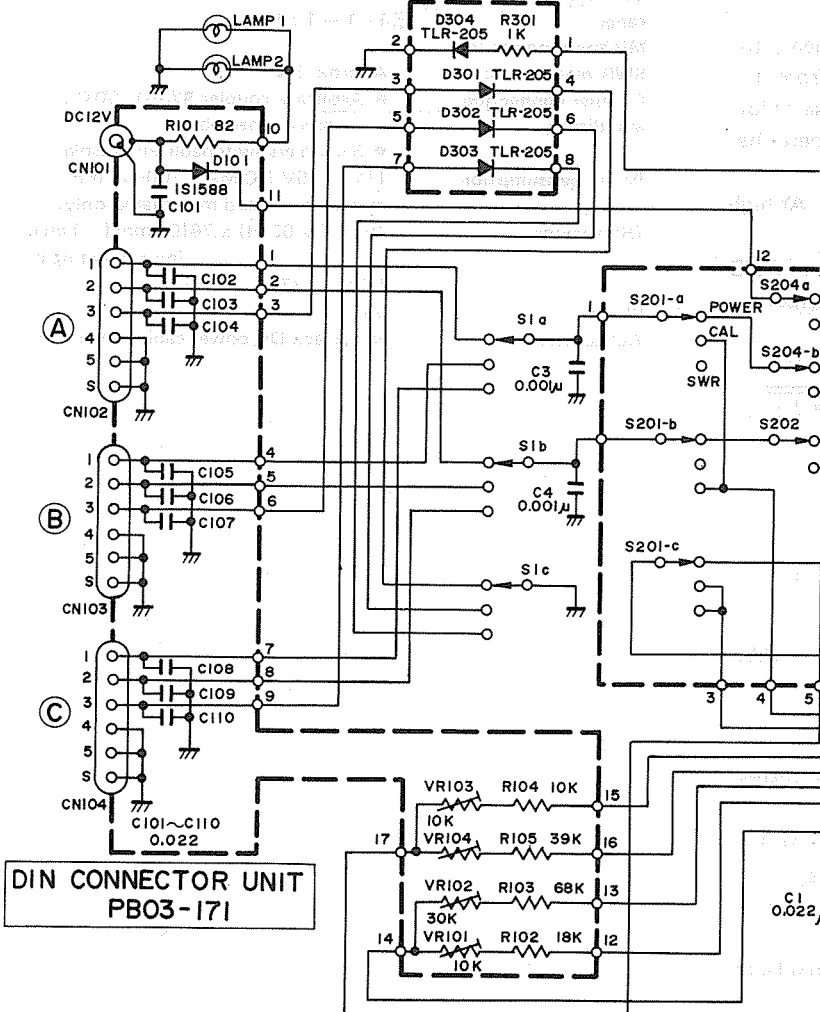
(Coupler Section)

● SWC-1



(Display Section)

**LED UNIT
PB03-172**



(Coupler 3)

● SWC

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