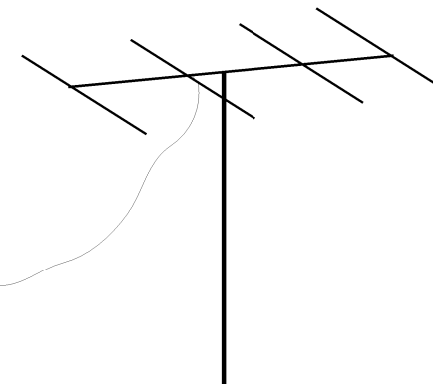
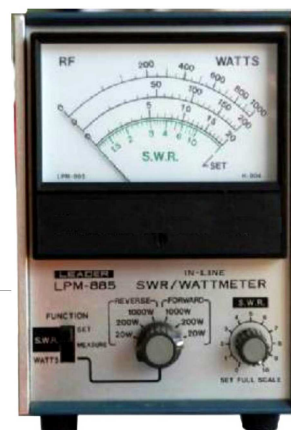
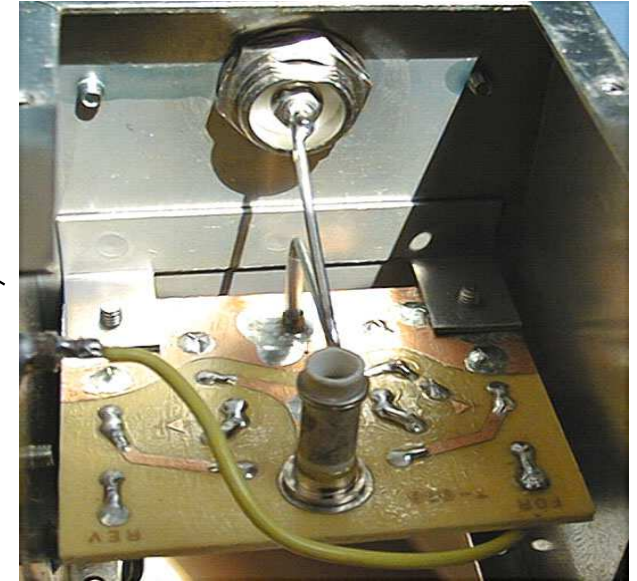
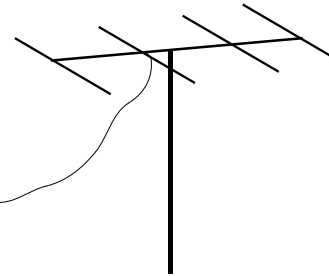


Leader SWR- und Wattmeter LPM 885, 1KW, 50R

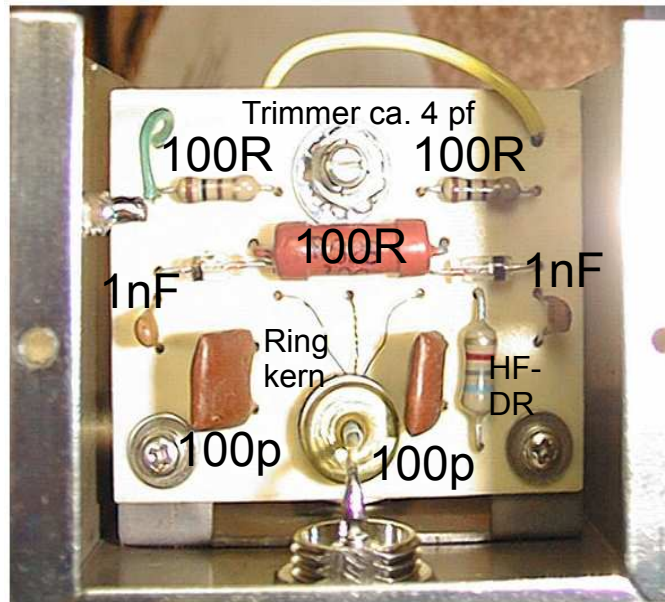


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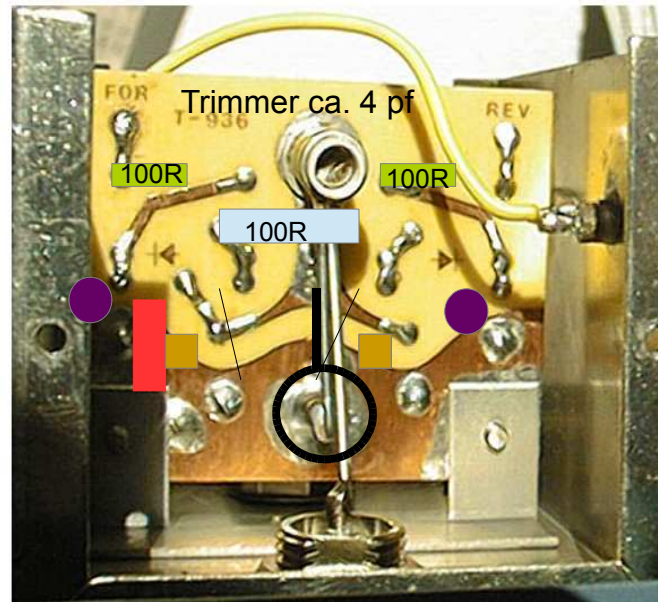
Leader SWR- und Wattmeter LPM 885 1KW 50R



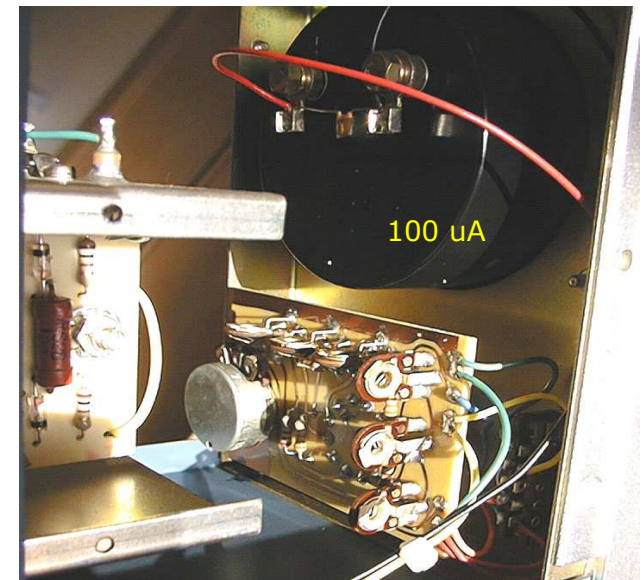
Trimmer ca. 4 pF



Buchse zur Antenne

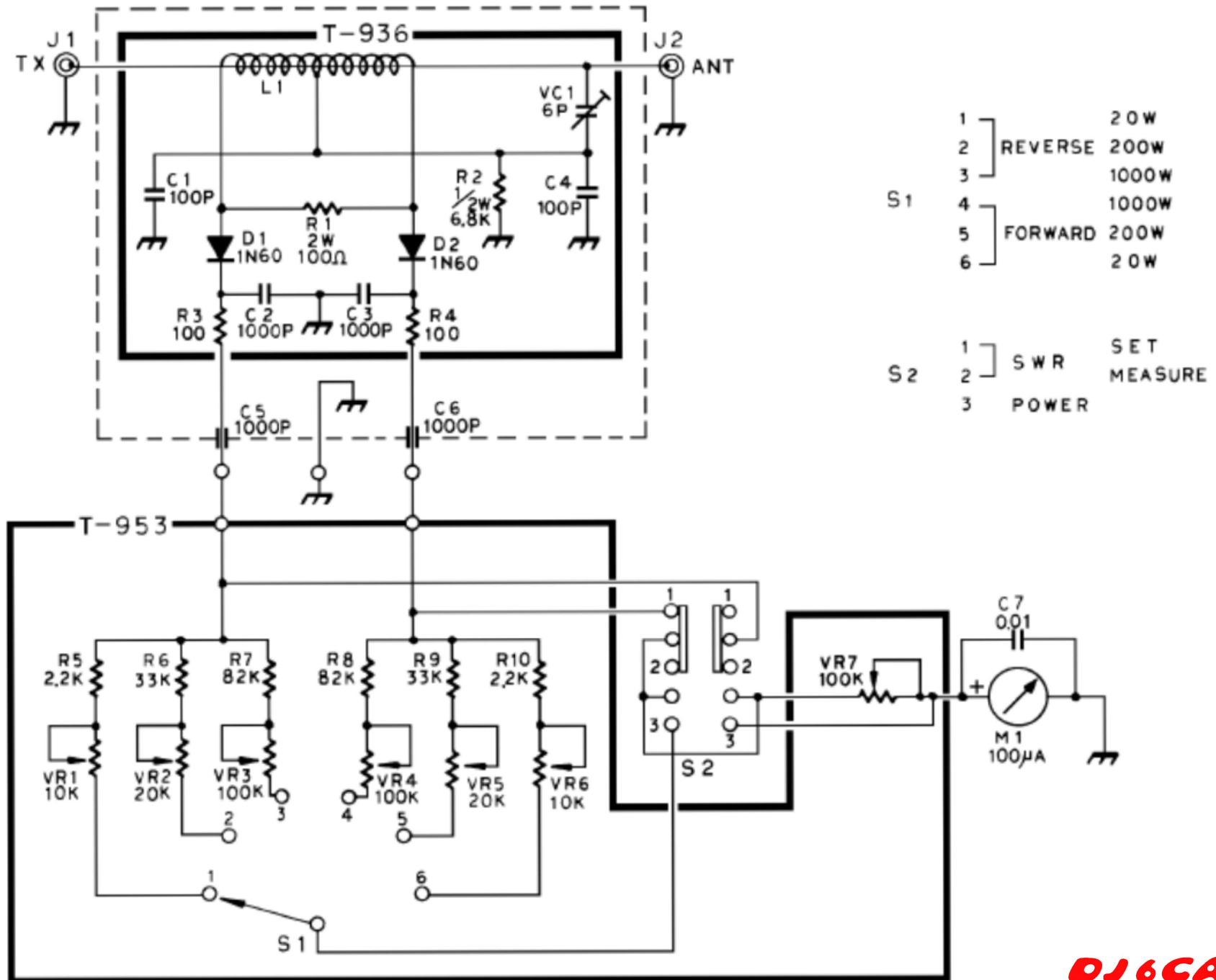


Buchse zum TxRx



Messbereichs Einstellung

Leader SWR- und Wattmeter LPM 885, 1KW, 50R



DJ6CA

MODEL LPM-885

SWR/WATTMETER

OPERATING INSTRUCTIONS

1 DESCRIPTION

1.1 GENERAL

The LPM-885 is a sensitive in-line type wattmeter designed to measure the SWR of transmission lines and transmitter power output in the frequency bands 1.8 to 54MHz. Use is made of a toroidal coil with wideband characteristics for sensing the forward and reverse directions of power. The LPM-885 facilitates adjustment of transmitters and antenna systems for highest efficiency. The LPM-885 can be left in circuit for continuous monitoring of power output.

FEATURES

- * Low power operating requirement, only 10W, for SWR measurements in the 1.8 and 3.5MHz bands.
- * Power and SWR readings are indicated on a wide-scale meter.
- * Power measurements maybe made over a wide range ; 1 to 1000W.
- * Accurate SWR measurements are available using the ratio of the forward to reverse power.
- * SWR/WATT detector unit assembly can be separated from the LPM-885 for "remote" measurements.
- * Feed-through power metering eliminates power loss.

1.2 SPECIFICATIONS

Frequency Range 1.8 – 54MHz.

Impedance 50Ω.

Forward and

Reverse Power Three ranges each: 20, 200, 1000W
f.s.; accuracy: ±10% f.s. to 40MHz,
and ±15% f.s. to 54MHz.

SWR Range 1.0 – 10, direct reading.

SWR Power

Requirement 10 – 500W.

Connectors Type M (UHF), Input-Output.

Size and Weight 150(H) X 112(W) X 125(D) mm;
approx. 1.2kg.

1.3 CONTROL FUNCTIONS & CONNECTORS

A. Front panel, Fig. 1-1.

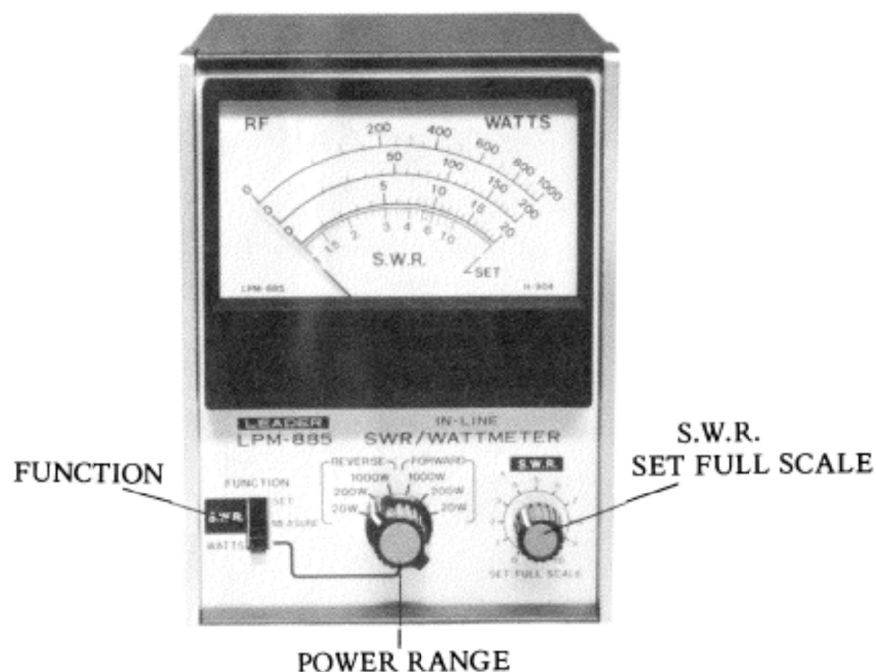


Fig. 1-1 Front panel functions.

Meter, with three scales calibrated for power in WATTS,
and one scale for SWR, 1 – 10.

FUNCTION switch: This slide switch selects the modes of
application.

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