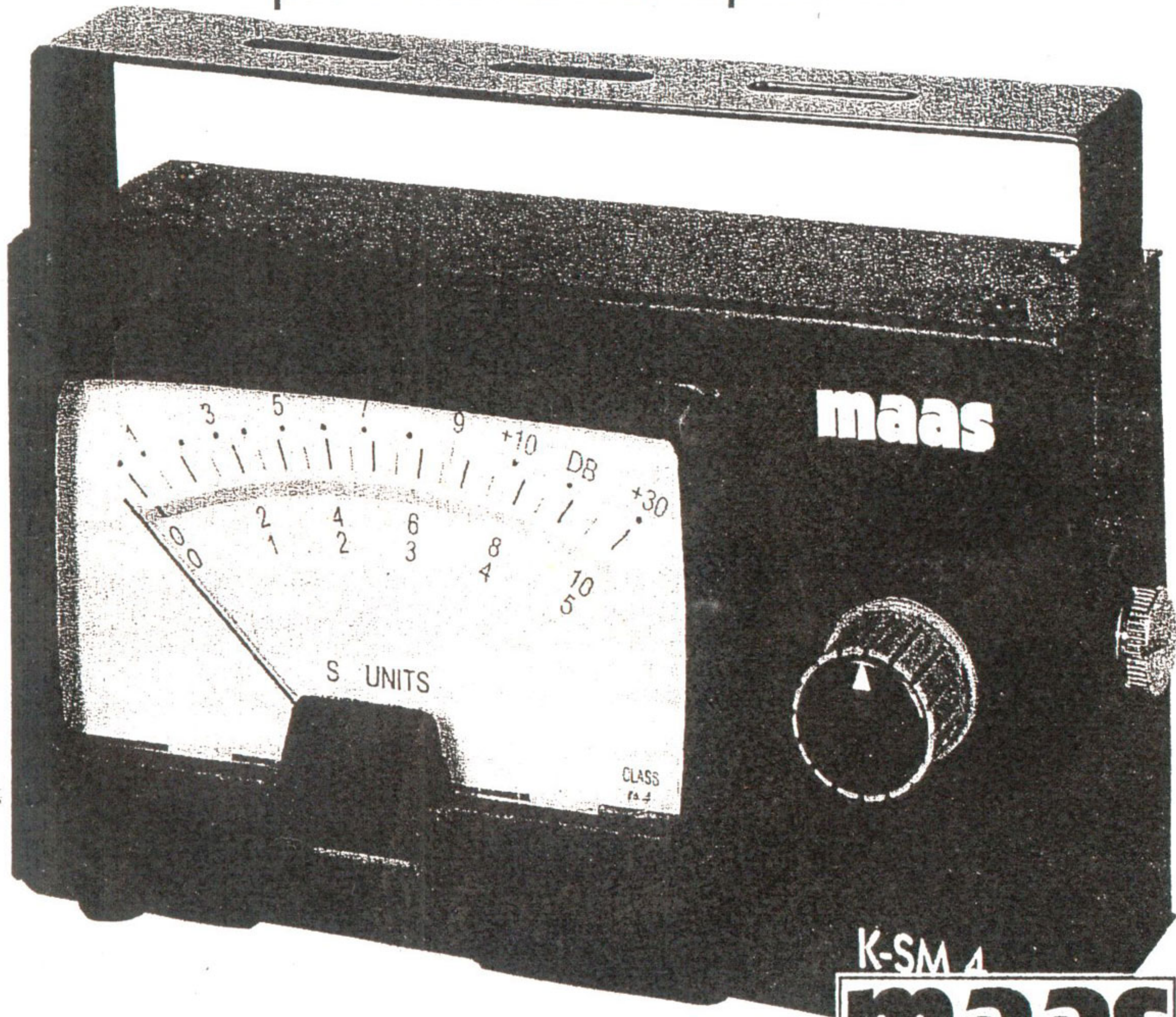


Qualitäts-
produkte von
maas

K-SM-4



Zusatz S-Meter (extern) für CB-Funkgeräte
External S-Meter for CB-Transceivers
S-mètre additionnel (externe)
pour des émetteurs récepteurs CB



K-SM 4
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K-SM-4

External S-Meter for CB-Transceivers

Topics:

- The K-SM-4 is designed for all CB-Transceivers with 2.5 mm S-meter socket.
- Low current display-meter (100 μ A/FS) for minimal load of S-meters control voltage of the transceiver. Large input voltage range to fit on every CB-transceiver.
- Internal protection of the meter in case of overvoltage on the S-meter plug.
- 12 V DC Illumination of the meter.

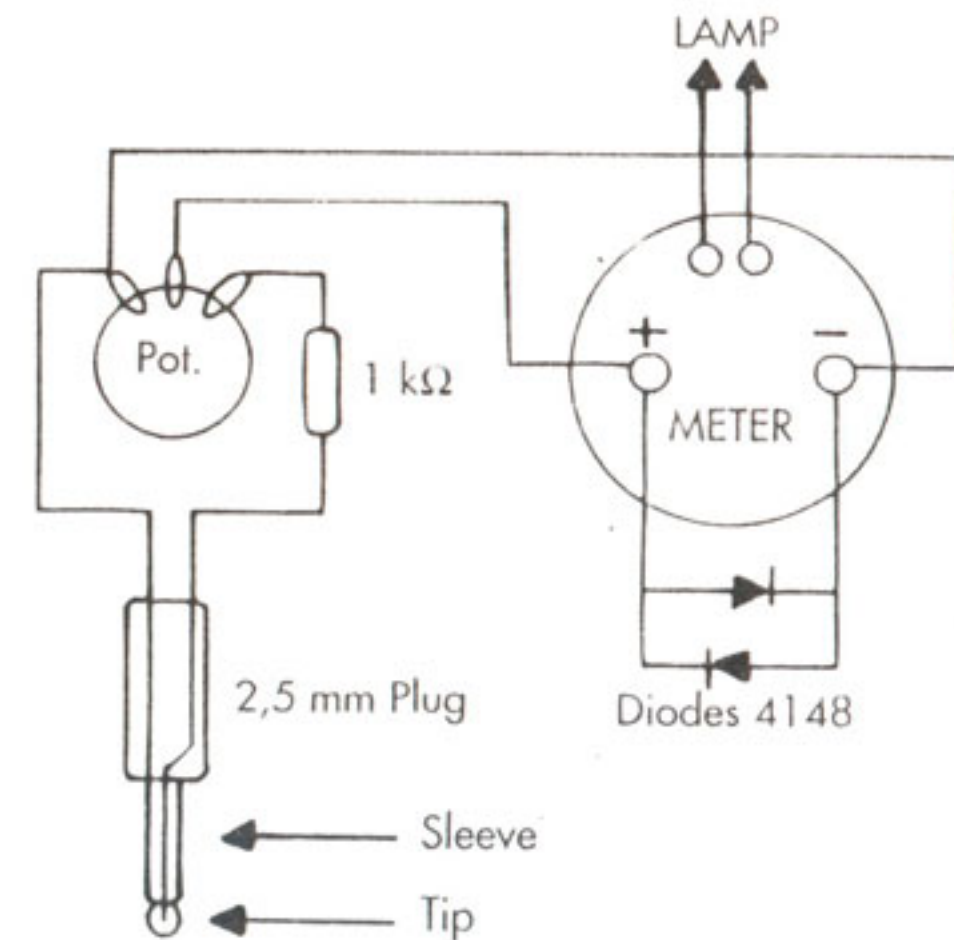
Display:

- A. The S-meter scale (**red**) follows the international logarithmic standard. Doubling the voltage (6 dB) on the input of the receiver increases the display for one S-step up to S9 = 50 μ V/50 ohm. S-levels over S9 will be displayed in 10 dB steps which means of 3.16 times the input voltage of the receiver per step. The real displayed value is mostly influenced by the gain control of the receiver. Calibration us maybe possible for only one combination of Transceiver and S-meter.
- B. The linear scale (**black**) can be used for e.g. displaying the HF-power.

Setting up the K-SM-4:

1. The K-SM-4 should be placed on a plane table to set if necessary the correct zero-point. Carefully adjust the meter with the sliding knob on the lower middle of the grey acryl cabinet.
2. The 2.5 mm plug must be connected with the external S-meter socket of the CB-Transceiver.
3. For using the meter-illumination the DC-cable must be supplied with a DC-voltage of 12-14 V on one end and connected via the DC-plug with the K-SM-4 on the other end. In case of trouble check the fuse. Please replace only with same ratings to prevent damage.

4. The GAIN-potentiometer should be turned clockwise to reach full scale while receiving a strong CB-station in the neighborhood. A calibration for each S-point can only be done by using a HF-signal generator. After calibration the setting of the GAIN-potentiometer should be marked to get always the correct calibration point





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