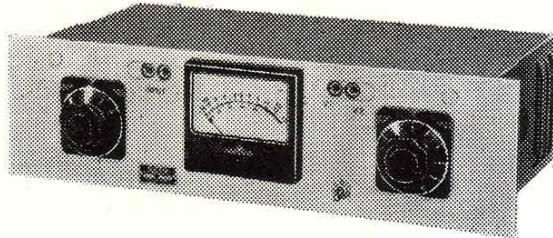




EXTENDED RANGE VOLUME INDICATOR



These units are for standard 19" rack mounting and occupy 5 $\frac{1}{4}$ " of panel space. The G4 mains operated unit is completely self contained as illustrated and the G2 requires only the D.C. power given in the specification.

There are many applications where widely varying dynamic levels are required to be measured on programme lines. The "Trimax" Extended Range Volume indicators, employing a high stability feedback amplifier in conjunction with a VU meter, have been specially designed for this purpose. Control of the Amplifier gain is by two stepped attenuators giving coarse and fine adjustment. At zero position on these attenuators the meter shows a deflection of zero VU when a voltage of 0.7746 RMS is impressed on a 600 ohm line.

SPECIFICATION

G2 Battery Operated

Power Requirement 130 V. 5mA D.C. 24 V. 0.3A D.C.

G4 Mains Operated

Power Requirement 200-250 V. 50 c/s Mains.

Indicator Range - 40 dbm to + 33 dbm.

Level Control In 2 db steps.

Frequency Range \pm 0.5 db 20 c/s - 60 Kc.

Attenuator Accuracy \pm 0.1 db at 1 Kc.

Source Impedance 300 ohms (bridging 600 ohms line).

Input Impedance 30,000 ohms.

Level Indication 4" Square meter.