

INSTRUCTIONS

CAUTION: Voltages in excess of 150V peak (105V RMS) applied to the INPUT jack may damage the instrument. No signal is to be injected into the OUTPUT jack.

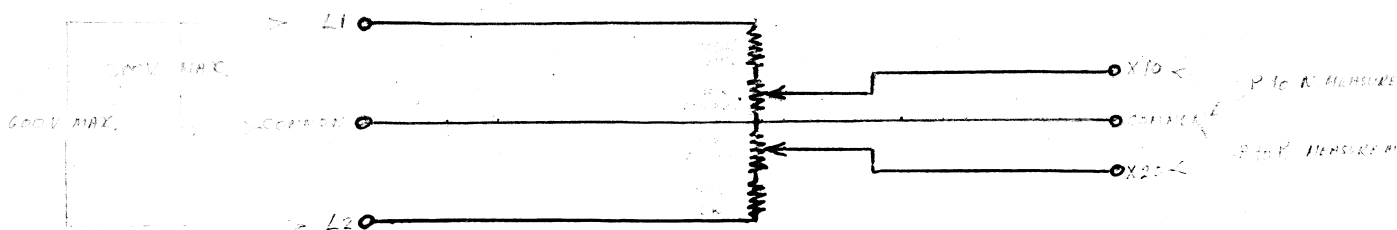
BATTERY CHECK: Set FUNCTION switch to BATT. CHK.
Meter deflection must be above red B mark.
New batteries required if indication below this mark.

CALIBRATION : Set FUNCTION switch to CAL.
INPUT ATTENUATOR to 0.03 V f.s.d.
Adjust CALIBRATE control to give a meter deflection equal to red B mark.

OPERATION : Select voltage range of 30V f.s.d. on INPUT ATTENUATOR
If voltage to be analysed is too high for the instrument connect input through the VOLTAGE RANGE EXTENSION UNIT.
If the fundamental component is not known set the FUNCTION switch to ALL PASS and measure the overall level to determine the voltage range setting.
Set FUNCTION switch to SELECTIVE.
To measure the amplitude of harmonic frequencies set the FREQUENCY RANGE C/S switch to the appropriate range.
Turn the FREQUENCY dial to obtain the maximum reading on the meter.
It may be necessary to adjust the INPUT ATTENUATOR to obtain readings at higher frequencies.
Percentage of harmonic = $\frac{\text{Harmonic frequency reading}}{\text{Fundamental Frequency}} \times 100$

Fundamental Frequency

For more detailed instructions see handbook.



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