

## Automatic Distortion / Sinad & Level Meter



### Features

- ★ Distortion, Level Measurement, SINAD Ratio
- ★ Spot Frequency Filter (1KHz / 400Hz)
- ★ Spot Signal Generator (1KHz / 400Hz)
- ★ Alphanumeric LCD Display

### Description

The Model 2117 is designed to speed up measurement of Distortion, Level and SINAD Ratio in ratio sets, stereo amplifiers, tape recorders, other audio and cordless telephone, radio communication sets, and audio equipment.

### Specifications

#### LEVEL INPUT

<b>Impedance</b>	: 100K $\Omega$ $\pm$ 5% unbalanced.
<b>Range</b>	: 1mV - 40V rms, +34dBm to -60dBm.
<b>Ultimate Resolution</b>	: 0.1mV, 0.1dBm.
<b>Max. Input Voltage</b>	: 50V rms.
<b>Frequency Range</b>	: 20Hz - 20KHz $\pm$ 1dB (Ref. 1000Hz).
<b>Accuracy</b>	: $\pm$ 3% $\pm$ 1 digit.

#### DISTORTION INPUT

<b>Impedance</b>	: 100K $\Omega$ $\pm$ 5% unbalanced.
<b>Input Level</b>	: 3mV - 40V rms.
<b>Fundamental Frequency</b>	: 400Hz $\pm$ 10% 1000Hz $\pm$ 10%.
<b>Measuring Range</b>	: 1 - 30%.

**Ultimate Resolution** : 0.1%.

**Accuracy** :  $\pm$ 5%  $\pm$ 1 digit.

#### SINAD

<b>Impedance</b>	: 100K $\Omega$ $\pm$ 5% unbalanced.
<b>Input Level</b>	: 3mV - 40V rms.
<b>Fundamental Frequency</b>	: 400Hz $\pm$ 10%, 1000Hz $\pm$ 10%
<b>Measuring Range</b>	: 0 - 50dB.
<b>Accuracy</b>	: $\pm$ 0.5%.

#### SOURCE GENERATOR

<b>Impedance</b>	: 600 $\Omega$ $\pm$ 5%.
<b>Fundamental Frequency</b>	: 400Hz $\pm$ 5% 1000Hz $\pm$ 5% (selectable).
<b>Output Level</b>	: 0 - 2V rms.

#### GENERAL

**Display** : 16 character x 2 line LCD with back light.

**Power** : 230V AC  $\pm 10\%$ , 47-53Hz. Optional 115V AC  $\pm 10\%$ , 57-63Hz.

**Dimensions (mm)** : 270 (W) x 88 (H) x 310 (D) approx.

#### Weight

: 2.5 Kgs. approx.

#### STANDARD ACCESSORIES

: Instruction Manual - 1 No.  
BNC(M) to BNC(M) Connector Cable - 1 No.  
Mains Cord - 1 No.

*WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT. THUS THE SPECIFICATIONS IN THIS DOCUMENT AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGED WITHOUT NOTICE.*

## **Aplab** Test & Measurement Instruments

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