

7505 – Noise Audio - Amplifier



Key Features:

- Examine the operation of a noise generator
- Examine the operation of a signal attenuation network
- Measurement of the frequency response and power output
- Functional Blocks indicated via on board mimics
- On board loud speaker

The 7505 Noise Audio amplifier is part of an analogue communication range which provides all the necessary inputs, test points and connections for experimentation. The 7505 trainer teaches the students the principles of noise interference in electronics and communications. The students can use the audio amplifier to increase the signal noise to observe the effects via the on board load speaker.

Experiments

- Examine the operation of a noise generator
- Examine the operation of a signal attenuation network
- Measurement of the power output
- Measurement of frequency response
- Analysis of distortion with square wave
- Measurement of noise figure

Specification

Noise Generator	Output Amplifier Adjustable from 100mVpp
Signal Attenuation Network	Adjustable from 0 to the maximum of input value.
Signal	+ Noise adder stage
Audio Amplifier with Loud Speaker	8Ω, 0.25Ω
Power Supply	+ 12V
Approximate dimensions	W255, D155, H75
Weight	1Kg approx.

Ordering Information

Model Number:	7505
<i>Consists of:</i>	Noise Audio Amplifier Trainer Manual Set of cables

Notes.

1. *Specification is subject to change without notice.*
 2. *All dimensions are in mm unless otherwise stated*
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