



Sciencetech 2205 Noise audio amplifier is a communication system which specifies basic concepts of noise generation & its amplification. Noise & signal adder where noise is added to signal and its amplitude is adjusted from 0 to max of I/P value.

It consists of an audio amplifier section in which signal + noise can be amplified and its effects can be examined on loud speaker.

Features

- ▶ **Functional Block indicated On board Mimic**
- ▶ **Compact and Lightweight**
- ▶ **Easy to Operate**
- ▶ **Exhaustive learning material**
- ▶ **2 Year Warranty**

Scope of Learning

- Examine the operation of a noise generator
- Examine the operation of a signal attenuation network
- Measurement of the frequency response and power output
- Measurement of the Power Output
- Analysis of Distortion with Square wave
- Measurement of Noise Figure

Technical Specifications

Noise Generator	:	Output Amplifier Adjustable from 100 mVpp
Signal attenuation network	:	Adjustable from 0 to the maximum of input value signal + Noise adder stage
Audio Amplifier with Loud speaker	:	8Ω, 0.25 Ω
Power Supply	:	+12 V (From AD-01))
Operating Conditions	:	0-40°C, 80% RH
Weight	:	1 Kg. approximately
Dimensions (mm)	:	W 255 x D 155 x H 75
Learning material	:	Online (Theory, procedure, reference results, etc).
Included Accessories :		
Patch Cord 16"	:	3 nos.
Patch Cord 20"	:	3 nos.
Mains cord	:	1 no.

Designed & Manufactured by -
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