

AUDIO FREQUENCY FUNCTION GENERATOR

Precision. Performance. Versatility.

OVERVIEW

The Audio Frequency Function Generator is a versatile and reliable instrument designed to produce stable and accurate audio frequency signals for educational, research, and industrial applications. It provides sine, square, and triangle waveforms with variable frequency and output level, making it an essential tool for circuit testing, equipment calibration, and signal analysis.



FEATURES

- ✓ Wide frequency range with fine control
- ✓ Sine, square, and triangle waveforms
- ✓ Accurate frequency and amplitude adjustment
- ✓ Low distortion and stable output
- ✓ Variable output level control
- ✓ Robust and compact design
- ✓ Easy to operate and portable
- ✓ Ideal for laboratory and educational use

APPLICATIONS

- 🎓 Electronics Laboratories
- 📖 Educational Institutes
- 🔌 Circuit Testing & Simulation
- ⚙️ Research & Development
- 🔧 Equipment Calibration & Maintenance
- 🏭 Industrial & Field Applications

TECHNICAL SPECIFICATIONS

📶	Frequency Range	: 1 Hz to 100 kHz (7 Ranges)
X100	Frequency Multipliers	: ×1, ×10, ×100, ×1K, ×10K, ×100K
📶	Waveforms	: Sine, Square, Triangle
(⚡)	Output Level	: 0.2V, 2V, 10V (Variable)
🔊	Amplitude Control	: Variable
Ω	Output Impedance	: 600 Ohms (Approx.)
📊	Distortion	: Less than 1% (at 1 kHz)
⚡	Power Supply	: 220V AC, 50Hz
📦	Dimensions (Approx.)	: W 230mm × H 130mm × D 180mm
📦	Weight (Approx.)	: 2.5 kg (Approx.)
📦	Accessories	: Patch Cords, User Manual

WHAT YOU CAN LEARN

- ✓ Understanding Audio Frequency Signals
- ✓ Waveform Generation & Analysis
- ✓ Frequency Measurement Techniques
- ✓ Amplitude Control & Calibration
- ✓ Circuit Testing & Troubleshooting
- ✓ Applications in Electronics & Communication Systems

CONTACT US

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