

**5 MHz Function-Pulse Generator
with 40 MHz Frequency Counter**



The New Caddo 4063A is a high performance 5 MHz Function-Pulse Generator with a Frequency Counter. The Caddo 4063A provides different types of modulated signals like - AM Standard - AM Balance - Frequency Modulation, PWM and uses a separate operations for Function, Frequency, Modulation, (Speed & width variable) and Frequency Counter. The new Caddo 4063A is an ideal choice for modern Electronic Laboratories.

- ▣ **0.5 Hz - 5 MHz Frequency 7 steps**
- ▣ **Sine, Square, Triangle, Ramp, Pulse and TTL outputs**
- ▣ **20 Vpp Output and DC Offset**
- ▣ **40 MHz Frequency Counter**
- ▣ **Rise time & Fall time \leq 50 ns**
- ▣ **16 \times 2 character LCD Display**
- ▣ **TTL output**
- ▣ **50 Output Impedance**
- ▣ **Different types of modulations**
- ▣ **20 dB, 40 dB (fixed) & 20 dB variable attenuation**
- ▣ **Sweep Function with speed and width variable**

Technical Specifications

Operating Modes (Function) : Sine, Square, Triangle, Ramp, Pulse and TTL

Frequency Range : 0.5 Hz - 5 MHz in 7 steps (variable)

Frequency Accuracy : ± 0.5 %

Sine wave Distortion : 1.0 % typical

Square wave / Pulse Rise & Fall time : 50 ns

Pulse Duty Cycle : 15 % - 85 % var. (min. width 200 ns)

Triangle Non-Linearity : 1 % (typical)

Frequency Display : LCD controlled by individual Keys

Output Impedance : 50

Output Voltage : 20 Vpp Open Circuit

Attenuation : 20, 40 dB (Fixed) and 20 dB (Variable in between)

Level Flatness : ± 0.2 dB up to 500 KHz, and ± 0.5 dB upto 5 MHz

DC Offset : ± 5 V (approx.) adjustable

Internal Sweep : Sweep width : approx 1:100

Sweep speed : 20 ms - 4s

Modulation : AM Balance, AM Standard, FM & PWM Modulation

Modulation Input : 2 Vpp max.

Frequency Counter :

Frequency Range : DC to 40 MHz

Resolution : 1 Hz

Sensitivity : 0.5 Volts

Frequency Accuracy : ± 0.5 %

Frequency Display : LCD controlled by individual Keys

Input Impedance : 1 M

Max. Input Voltage : 200 V (DC+AC Peak)

Mains Supply : 230 V ± 10 %, 50 Hz . 60 Hz on request

Power Consumption : 12 VA (approx.)

Operating Temperature : 0-40°C, 95 % RH

Dimensions (mm) : W 198 \times D 285 \times H 90

Weight : 3 Kg (approx.)

Included Accessories :

1. BNC to BNC cable 1 No.
2. Mains cord 1 No.
3. Operating manual 1 No.