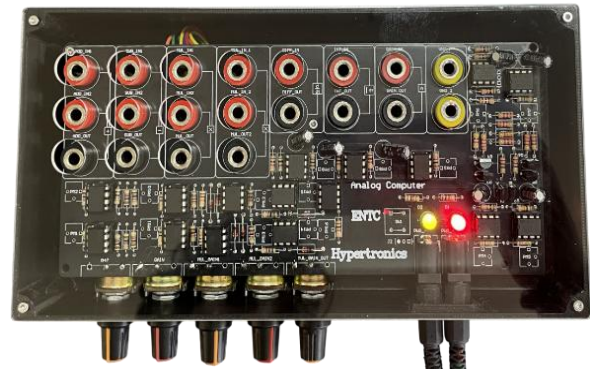


Analog Computer

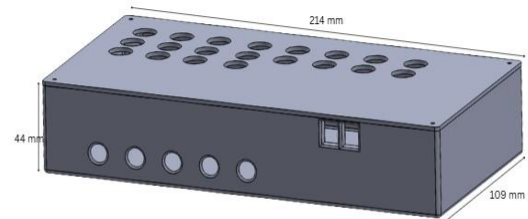
1. Device Features

- Operations: Addition, Subtraction, Multiplication, Differentiation, integration
- Frequency Range: 1Hz - 10kHz
- Inputs: Dual-channel Interfaces
- Control: Adjustable gain, bias, and operation mode
- Power Supply: Dual Supply



2. Physical specification

Parameter	Value	Units
Height	44	mm
Width	109	mm
Length	214	mm
Weight	600	g



3. Technical specification

Parameter	Condition	Min	Typical	Max	Units
Supply Voltage	Operating	N/A	± 12	± 18	V
Input Voltage Range	Linear operation	N/A	N/A	± 15	V
Output Voltage Range	Depend on Supply Voltage	N/A	± 12	N/A	V
Bandwidth	-	10	30	N/A	kHz
Power Consumption	Nominal	10	100	600	mW
Accuracy	Standard load	0.1	1	10	%
Noise Level	Standard load	0.5	1	100	mV
Settling Time	Step input	N/A	N/A	1	s
Operating Temperature	-	N/A	25	30	$^{\circ}\text{C}$
Linearity	Full scale input	0.1	1	N/A	%