

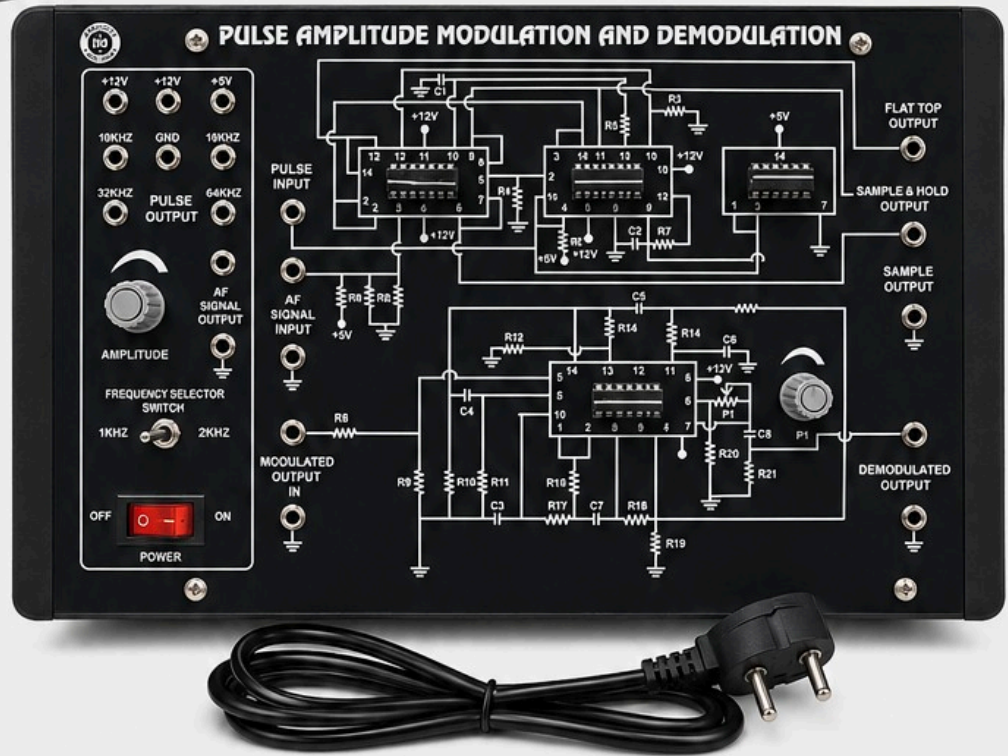
PULSE AMPLITUDE MODULATION & DEMODULATION

Learn. Analyze. Modulate. Demodulate.

PRODUCT OVERVIEW

The Pulse Amplitude Modulation & Demodulation Trainer is designed to demonstrate the principles of PAM generation and recovery of the original message signal. It provides a practical hands-on approach to understand the concepts of sampling, modulation, flat-top sampling, sample & hold, and demodulation techniques.

Ideal for students, educators, and professionals in electronics and communication engineering.



FEATURES



Complete PAM
Modulation &
Demodulation
System



Sampling & Flat-Top
Sampling Circuit
Included



Sample & Hold
Circuit for Accurate
Reconstruction



Adjustable Amplitude
& Frequency
Selection



Built-in Demodulator
for Message Signal
Recovery



Ideal for Education,
Training & Research
Applications

SPECIFICATIONS

Product Name	Pulse Amplitude Modulation & Demodulation
Pulse Input	10kHz, 16kHz, 32kHz, 64kHz (Selectable)
AF Signal Input	Variable (Via On-board Potentiometer)
AF Signal Output	Available on Front Panel
Modulated Output	Available on Front Panel
Flat Top Output	Available on Front Panel
Sample Output	Available on Front Panel
Sample & Hold Output	Available on Front Panel
Demodulated Output	Available on Front Panel
Amplitude Control	Variable (Via On-board Potentiometer)
Frequency Selector	1kHz / 2kHz (For Modulation & Demodulation)
Power Supply	+12V DC, -12V DC, +5V DC (On Board)
Power Switch	ON/OFF Switch with Indicator
Dimensions (Approx.)	W 340mm x H 180mm x D 60mm
Weight (Approx.)	2.0 kg (Approx.)

APPLICATIONS



Communication Systems Education



Electronics & Communication Labs



Digital Signal Processing Training



Research & Development



Classroom Learning & Experiments



Academic Projects & Workshops



ADDRESS

62 Azad Nagar, Near Rampur Chowk;
Behind Khalsa Tent House,
Ambala Cantt, Haryana,
133001 India



CONTACT DETAILS

Info@eselindia.com
Sharma_electrical@yahoo.com
asinternational024@gmail.com
+91 9416183370
+91 9416493069
+91 9306996454
International Business
+91 7015448621



WEBSITE

www.eselinternational.org
Www.esellab.com

also on trade.gov.in