



# BASIC ELECTRICAL ENGINEERING TRAINER

Power  
Switch



7 Segments Display

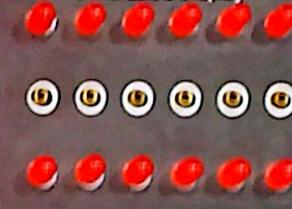


D0  
D1  
D2  
D3

D0  
D1  
D2  
D3

D0  
D1  
D2  
D3

State LEDs Display



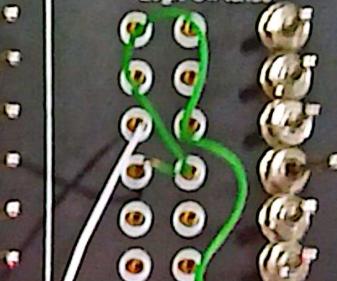
12V Relay

NO  
NC

Toggle Switches



Logic Switches



DC Power Source

+5V  
-5V  
+12V  
-12V

Digital Meter

00X  
000A

Function Generator

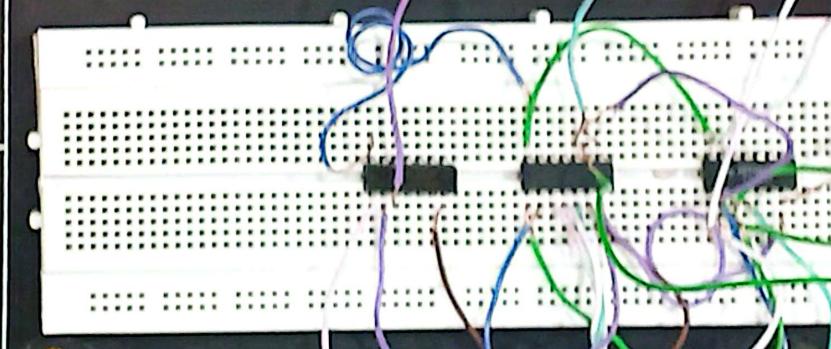
Frequency: Min → Max  
Range: 200Hz → 200kHz  
Amplitude: Selection: FLU  
Output GND

Amplifier and Speaker

Volume Adjust  
Audio Input → Amplifier → Speaker

Variable Resistors

1k Pot  
10k Pot  
100k Pot



Banana Connectors

BNC Connectors

Operational A.

Variable DC Power Source

0V to +30V  
GND  
0V to -30V  
GND

Voltage Adjust

Voltage Adjust