

Multivibrator & Oscillator

ME 649 - Audio Power Amplifier (Class 'A')

Objective :

- Audio Power Amplifier (Class A) enable to study the working of Class "A" Amplifier and calculating the Power Gain.

Technical Specifications :

Inbuilt Fixed DC Regulated Power Supply

- Output Voltages : +12VDC

Components Provided

- SPST Switch
- Mic Socket
- High quality Aluminum used as front panel of 270 mm x 170mm & mounted on light weight shock proof plastic cabinet
- Symbol diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 1.0 Kg Approx.
- Dimensions (mm) : 300(L) x 175(B) x 75(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.

Optional Accessories :

- Function Generator 0.1Hz~5MHz (ME 957)
- Dual Trace Cathode Ray Oscilloscope 30MHz (ME 3030).

ME 650- Application of IC 555

Objective :

- kit for IC 555 Timer circuit applications has been designed to perform the following experiments:-
 - A. Astable Multivibrator
 - B. Monostable Multivibrator
 - C. Bistable Multivibrator
 - D. Voltage to Time convertor / Voltage to Frequency convertor



Technical Specifications :

Inbuilt Fixed DC Regulated Power Supply

- Output Voltages : +5VDC

IC & Components Provided

- IC : 555
- Potentiometer : 1 No.
- Switches (Push to ON) : 2 Nos.
- Resistance :
- Capacitor :
- High quality Aluminum used as front panel of 270 mm x 170mm & mounted on light weight shock proof plastic cabinet
- Symbol diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 1.0 Kg Approx.
- Dimensions (mm) : 300(L) x 175(B) x 75(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.

Optional Accessories :

- Digital Multimeter (VC-97)

ME 656- Bistable Multivibrator Using Transistor

Objective :

- Bistable Multivibrator Apparatus has been designed to study the operation of Bistable Multivibrator.

Technical Specifications :

Inbuilt Fixed DC Regulated Power Supply

- Output Voltages : 12VDC

Transistor & Components Provided

- Transistor : CL100 (2 Nos.)
- Resistance :
- Capacitors :
- High quality Aluminum used as front panel of 270mm x 170mm & mounted on light weight shock proof plastic cabinet
- Symbol diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 1.0 Kg Approx.
- Dimensions (mm) : 300(L) x 175(B) x 75(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.