

Amplifier

ME 623 - Biasing of Transistor As Class 'A' Amplifier

Objective :

- Biasing of Transistor as Class "A" Amplifier apparatus has been designed to study the Frequency Response with change of Biasing Resistance RE & RL.

Technical Specifications :

Inbuilt Fixed DC Regulated Power Supplies

- Output Voltages : 12VDC
: 18VDC

On Board Analog Moving Coil Meters (60 mm x 35 mm)

- Voltmeter : 0-2000microADC

Components Provided

- Resistances
- Capacitors
- SPDT Switch
- 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 : 1.0Kg Approx.
- Dimensions (mm) : 300(L) x 175(B) x 75(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.

ME 624 - Biasing Techniques of Transistor

Objective :

- Transistor Biasing Kit has been designed to study the different Biasing circuits given below:
 1. Base Resistor method or fixed Bias.
 2. Collector to Base Bias.
 3. Emitter Resistor Bias.
 4. Voltage divider Bias.

Technical Specifications :

Inbuilt Fixed DC Regulated Power Supplies

- Output Voltages : +15VDC

Transistor & Components Provided

- Transistor : CL 100 (NPN)
- Resistances
- Capacitors
- High quality Aluminum used as front panel of 300 mm x 220mm & 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 : 1.0Kg Approx.
- Dimensions (mm) : 330(L) x 225(B) x 75(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.

ME 625 - Operational Amplifier Trainer

Objective :

- Operational Amplifier Trainer has been designed to study the following
 - A. Operational Amplifier as Inverting Amplifier
 - B. Operational Amplifier as Non-Inverting Amplifier
 - C. Operational Amplifier as Summing Amplifier
 - D. Operational Amplifier as Difference Amplifier

Technical Specifications :

Inbuilt Variable DC Regulated Power Supplies

- Output Voltages : 0-5VDC (2Nos.)

Transistor & Components Provided

- Transistor : CL 100 (NPN)
- Resistances
- Capacitors
- 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 : 1.0Kg Approx.
- Dimensions (mm) : 300(L) x 175(B) x 75(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.