



# CORDLESS TELEPHONE TRAINER

MODEL - RPHONE100

This trainer has been designed with a view to provide practical and experimental knowledge of a cordless Telephone.



## SPECIFICATIONS

1. Memory : 10 numbers, Automatic Dialing system
2. Digital Display : 10 digits LCD
3. Built in Clock
4. Dialing : Both from Hand set & Base unit
5. Indicators : Hold, Ringer, Intercom, Speaker, in use, Power, Charge Indicator,
6. Controls/Buttons : Ringer Volume Control, Call Button, Hold Button, Flash button, Speaker button, Redial, Memory
7. Dialing Mode switch : Pulse/Tone Switch
8. Intercom : Two way Paging facility
9. Features : Auto Dialing, Memory Dialing, On Hook Dialing, Hand Free Speaker Phone Base unit, Flash, Redial, Hold,
10. Range : 10 meters
11. Power source : 230V AC With AC adapter, Nickel Cadmium Battery for Hand set
12. Standard Accessories : 1. A Training Manual.

## EXPERIMENTS

1. To Study the Block Diagram and Working principle
2. To Study Ringer section
3. To Study Dialer Section
4. To Study Speech Amplifier Section
5. To Study Rectifier protector section
6. To Study Voltage dropper Section
7. To Study Keyboard Matrix Section
8. To understand and perform operational procedure
9. To measure Test Point Voltages for different sections
10. To observe Test Point Waveforms for different sections
11. To demonstrate and understand different types of faults
12. To study Data Sheets of ICs used in telephones

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