



VIDEO PHONE TRAINER

MODEL - VIDPH100

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

SPECIFICATIONS

1. Power supply requirement	:	230V AC, 50 Hz
2. Facilities	:	Hold, Flash, Redial button.
3. Loud speaker	:	For Hands free conversation.
4. Display	:	Liquid crystal Display
5. Indicators	:	Hold, Ringer, Speaker,
6. Controls	:	Volume Control, Brightness, Contrast
7. Dialing Modes	:	Pulse and Tone.
8. Antenna	:	Built-in
9. Video Camera	:	250 Lines Horizontal resolution 15625Hz Horizontal scanning frequency 50Hz Vertical scanning frequency
10. Microphone	:	Built-in High sensitivity Microphone
11. Standard Accessories	:	1. A Training Manual.

EXPERIMENTS

1. To Study Specifications of a Video Phone
2. To Study Installation procedure
3. To Study the Block Diagram and Working principle
4. To Study the terms, definition and nomenclature used
5. To Study Input/output signals of different sections
6. To Study Ringer section
7. To Study Dialer Section
8. To Study Audio Speech Amplifier Section
9. To Study Keyboard Matrix Section
10. To Study R.F. Transmitter Section
11. To Study R.F.Receiver Section
12. To study Video Camera section
13. To study Display Monitor section
14. To understand/observe the function of external and Internal controls
15. To understand and perform Operational procedure
16. To understand the Testing procedure
17. To demonstrate and understand different types of faults
18. To study faults diagnosis method
19. To study cables & addon accessories
20. To understand features of latest Video Phones
21. To compare features of some typical Video Phones available in market
22. To understand tariffs/Plans/facilities
23. To study glossary of the Technical Words

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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