



# DIRECTIVITY PATTERN OF MICROPHONE AND LOUD SPEAKERS

MODEL - MCLS100N

This trainer has been designed with a view to provide practical and experimental characteristic study of different types of Microphones and Loudspeakers used in Audio technology on SINGLE P.C.B.



## SPECIFICATIONS

1. Amplifier Trainer Board for the testing of Microphones and Loud Speakers
2. Microphones : Two different types -Dynamic, Condenser
3. Loudspeakers : Three different types - Dynamic, Woofer and Tweeter
4. Amplifier : Low Noise, Variable gain dedicated amplifier - 2 Nos.
5. Directional Stand
6. Measuring Tape
7. **Books for Audio video Engineering : 20 Nos in pdf Format**
8. **Mp4 Video Class for Audio video Engineering : 40 Classes in Mp4 on Pen Drive**
7. Standard Accessories : 1. A manual having practical details.

## EXPERIMENTS

1. To draw the frequency response with calculation of gain in dB for various Microphones at various distance inputs and to plot graph.
2. Directional response with calculation of gain in dB for various microphones various distance & various inputs & plotting of Polar graph. (Directivity)

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**Dealer:-**