

DESIGN AND CONSTRUCTION OF A BLUETOOTH INCORPORATED MOVINGCOIL
LOUDSPEAKER

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ABSTRACT

This project report is about the design and construction of a moving-coil loudspeaker from locally available materials. It involved gathering all the necessary materials, which include; a light, thin wire, permanent magnet, hard carpet, manila paper, amplifier with Bluetooth module in-built, battery, and a plastic plate. These materials were cut using a razor blade and a pair of scissors and molded into suitable parts to form a loudspeaker.

The loudspeaker was successfully constructed, which produced sound of high volume. This helped the user to explain some of the theoretical concepts of electromagnetism in a more practical way.