

## CHAPTER OVERVIEW

### 3.16: Electricity and Magnetism

This chapter is a very brief overview of some key concepts in electricity and magnetism. Most of our modern technology is based on these concepts. In the next chapter we will use these concepts to explain how microphones, speakers and digital recording work.

#### Key Terms:

Ohm's law, charge, coulombs, current, amperes, electrical potential, volts, resistance, ohms, magnetic field, compass, tesla, gauss, electromagnet, force on an electric charge in a magnetic field, electric motor, Faraday's law, electric generator.

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##### [3.16.1.1: Ohm's Law](#)

#### [3.16.2: EandM- Currents and Magnetic Fields](#)

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