Receivers

- A receiver is a collection of electronic components and circuits that accepts the transmitted message from the channel and converts it back into a form understandable by humans.
- Receivers contain amplifiers, oscillators, mixers, tuned circuits and filters, and a demodulator or detector that recovers the original intelligence signal from the modulated carrier.

Transceivers

- A transceiver is an electronic unit that incorporates circuits that both send and receive signals.
- Examples are:
 - Telephones
 - Fax machines
 - Handheld CB radios
 - Cell phones
 - Computer modems

Attenuation

 Signal attenuation, or degradation, exists in all media of wireless transmission. It is proportional to the square of the distance between the transmitter and receiver.

Noise

 Noise is random, undesirable electronic energy that enters the communication system via the communicating medium and interferes with the transmitted message.