Tring Tring â€“ a response to the change in the current..!!

By RitaDawson

Article published on June 13th 2012 | Communication

Home Phones! Landlines! Do you know how does a home phone work? In todayâ€™s world of technology, there are many home phone services available in the global market for the people to live a sophisticated life. Do you know on an average an American spends more than half an hour talking on the phone?

You know; the word telephone has its origin from the Greek words â€˜Teleâ€™ â€“ far and â€˜Foniâ€™ â€ words that define the instrument â€“ An instrument that transmits voice or sound over long distances. Do you know when and where and by whom was the first call made? Of course, the telephone, the invention of Alexander Graham Bell was first used by him, to call his assistant. Telephone is one of the simplest and amazing device that is used by every individual in the world and also the most common device that is taken for granted. Earlier you had to wait for several weeks to convey a message to anybody but now you can get it conveyed to them instantly through the Home phone service.

A telephone network is a worldwide network that connects people across the globe in few seconds. No doubt that it connects people, but the question is how does it connect? How does a telephone work? Telephone is the simplest device that contains 3 parts â€“ a switch, a speaker, and a microphone. To start with, the work of the switch is to connect and disconnect the phone from the network that in general is known as a hook switch. The switch connects the telephone to the network whenever the handset is lifted. The speaker is something through which you get to hear the receiverâ€™s voice and the microphone that transmits the user voice to the receiverâ€™s end.

The basic necessity for a home phone to work is that the 2 copper wires, usually coated as red and green. When you rest the handset on its cradle, the amount of electricity flowing to the ringer â€“ a chip inside the speaker, is limited, thus preventing a short circuit in the 2 copper wires, transmitting the signal to the telephone exchange that the phone is hung up. When you got to make a call, you lift the handset of the telephone (your telephone is connected to the network) and you dial the number of the person you wish to call. When you dial each number, a signal is transmitted to the service provider, requesting them to connect to the number. The signals are then transmitted to the exchange where the current surge in the range of 20 Hertz changing the alternate current to direct current through the copper wires that triggers the phone at the receiverâ€™s end to ring â€“ â€˜Tring Tring

You know what; the sound pulses are transferred to electrical pulses in the microphone of the user and is transmitted as electrical pulses to the other end where the speaker in the receiverâ€™s phone converts the electrical pulses to sound pulses, thus enabling the receiver to hear the voice. The most amazing fact is that all these transfers take place in less than a second during your conversation over the phone. This is how a telephone works exactly.

People who were addicted to the handy invention of mankind exposing themselves, to the risk of brain cancer are now turning to the use of home phone services. They have started using the landlines as telephones have less health effect compared to the cell phones. People search for the best home phone service that can fit their entire family, and fit their class and lifestyle allowing them to talk for hours together. People wish to have a reliable home phone that can connect them to the entire world with just a pair of copper wires. Whatever it is; nobody wishes to risk their health at any cost.

Article Source:

http://www.articleside.com/communication-articles/tring-tring-a-response-to-the-change-in-the-current.htm - Article Side

RitaDawson - About Author:
Rita Dawson, being a freelance writer and active blogger, I love sharing my thoughts and experiences with the rest of the world and to source out some great services like the a Home phone Service.

Article Keywords:
Home phone Service, Home phone, Telephone

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!