

Satellite TV can be an eye opening experience!

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By David Lewis

There are many appealing aspects to satellite television. From the many freebies that the companies try to entice you with, to the appealing price of the monthly service, to the value of the basic service, to the quality of the picture and sound.

Satellite TV is a digital broadcast, and as such it has an enhanced picture and sound quality built in. Satellite TV also boasts an optional HDTV broadcast, which at 1080 lines of resolution makes it roughly 3 times sharper than regular television.

Many people are not even aware that with your satellite dish you can also get Internet service as well. For many people who live in remote locations, satellite TV is their only choice, but many are beginning to discover the value in satellite TV regardless of where they live.

With satellite TV there is no need to amplify the signal inside the house like you do with cable, and your Internet service doesn't go down because of signal degradation like cable can.

Unlike cable satellite TV is a 100% digital broadcast, which allows for a greater capability and programming. You can have 500 channels, which can be broadcast in different languages such as Russian and Arabic. Cable simply doesn't have the bandwidth to accomplish this level of programming. Only so much data can transmit through a cable line, but with satellite TV you are using an electromagnetic wave to transmit and receive data, which bounces off satellites in space, thus you have virtually no limitations in the amount of data that can be sent or received.

It's no wonder that satellite TV is quickly catching on with millions of Americans, and as many more discover it's value and service, millions more will join the wireless revolution and jump on the satellite TV bandwagon.

If you would like to learn more about satellite TV, and see what kind of deals are currently out there and what your options are, feel free to visit our website at:

<http://www.find-satellite-tv-providers.com>

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David Lewis is an author for Find Satellite TV Providers:

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How a Satellite Dish Works

By Gary Davis

How a Satellite Dish Works

Satellite technology has made leaps and bounds over the last decade, introducing the world to a whole new era of television entertainment. But have you ever wondered just how a satellite dish works? So did we.

Satellite Dish – A Parabolic Antenna

A satellite dish is basically just an antenna that is designed to receive signals from a specific broadcast source. The dish itself has a bowl-shaped (parabolic) surface to "catch" the signal and send it to the central feed horn as a narrow beam of energy.

To provide you with that quality satellite programming you enjoy so much, your satellite dish must receive a signal from the appropriate source. Man-made satellites orbit around the Earth at just about 20,000 miles into the sky. These satellites receive digital signals from your programming provider, encrypt them and then send them back out to subscribers.

How does your satellite dish know which satellite to receive?

Satellite Dish – Azimuth, Altitude and Skew

Each satellite is put into the sky at specific coordinates, similar to a longitude and latitude for navigating on land. These coordinates, the azimuth, the altitude and the skew, tell your dish exactly where to look. The azimuth is the East/West location while the altitude or elevation tells you how far North of the horizon (ground level) you need to go. The skew is a calculation to compensate for the natural curvature of the Earth itself. With these three coordinates, you can accurately point your satellite dish to receive transmission from the right satellite.

There are some systems that can receive signals from more than one satellite, having multiple horns to pick up multiple signals. To prevent any mix-up, each signal must be accurately reflected to separate feed horns so that there is no interruption.

When your satellite dish catches the signal, it sends it through the feed horn where it is transmitted to your satellite receiver. To make sure you receive a strong satellite transmission, your satellite dish should be mounted in an open area without obstructions such as trees and buildings.

Gary Davis is owner of

Satellite TV can be an eye opening experience!

DTV-Satellite.com

an authorized DIRECTV retailer, has over five years

experience in the Satellite TV business and has written numerous articles on the subject.



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