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DIRECTV Installation?

By Gary Davis

What goes into DIRECTV Installation?

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There are usually only three main parts to a DIRECTV Installation. But what goes into DIRECTV Installation? The first and most essential DIRECTV Installation is the Satellite Dish. Secondly most important in any DIRECTV Installation is the RG6 coaxial cable that should thread through the house down to the Audio-Visual equipment. And thirdly most important in a DIRECTV Installation is the receiver unit setup. Mostly they are all pretty self-explainable and self-understandable, as long as the setup is standard in the location where this particular DIRECTV Installation occurs.

DIRECTV Installation of the Satellite Dish

DIRECTV Installation of a satellite dish means knowing what size and type of dish you will need for your coverage area, how to install the mounting system, and how to point it correctly. Most all DIRECTV Installation now a days uses a small oval dish which is light weight and easy to mount. Sometimes in really rainy areas, or snowy, bigger heavy dishes are used. Once you have the proper DIRECTV dish for your site, then you need to do a thorough survey of the land and discover a place that is pointing in the general direction of Texas, unless you live in Texas (then point due south). You will want to point to the satellite which if you live in the south of the US means pointing really angled up (like around 60 degrees, however farther north close to Canada means pointing at around 30 degrees up or so. Once the whole surveying, mounting and initial pointing is done you will need to hook the RG6 coaxial cable up to the Dish and run it through the house.

DIRECTV Installation of the RG6 Coaxial Cable

Not everyone decides on using the same kind of high-quality DIRECTV Installation system nor decides exactly the same on where a dish is suppose should go, pure aesthetics (personal ideal of beauty). Outside the house, and the farther a Dish is from the inside of the house, the more Quad Shield RG6 coaxial cable will be needed. RG6 is the exact size of copper cable to carry DIRECTV broadcasting systems. Inside the house however, you can rig the cable with less expensive RG6 cables called Dual Shield cable. During DIRECTV Installation, when you want to run the same feed to two spot in the

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same room or general direction, RG6 Siamese cable runs two different feeds in the same direction parallel to each other (very convenient for basements and attics).

DIRECTV Installation of the Receiver Unit

The DIRECTV Installation of the receiver unit is probably the most exciting part. After you have the initial cable running from the satellite dish to the receiver, you should then finish pointing the dish with the coordinates that appear on the menu in the receiver unit itself. Once you have the dish pointing in the CORRECT direction, you can go ahead and distribute your DIRECTV Installation all over the house in as many or as little receiver units as you may have planned and already received for free or purchased extra. Then decide which feed and IRD (integrated receiver/decoder unit) is going to go where.

In the end everything is well hooked up and you know exactly what goes where. You have tested the reception from television to television every time you hooked another one up until all rooms have the

equipment you want. First make sure you know what kind of Satellite Dish you need, survey the land, figure out a place with a direct line of sight to Texas, point between 30 to 60 degrees up in the air and go lay RG6 cable. Quad Shield RG6 cable should be used outside to avoid interference with other signals. Inside the house, Dual Shield RG6 cable should be fine for threading signals around from room to room. The IRD receiver unit can be used to know the correct coordinates of the satellite in the sky and help you adjust accordingly. Once you have properly adjusted the dish, you can go all over the house and thread cable as you wish, testing each DIRECTV Installation, TV and receiver as you go, until your masterpiece is exactly as you want it.

Gary Davis is owner of

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an authorized DIRECTV retailer, has over five

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

Different Channels on a DIRECTV Dish

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Determining the different channels on a DIRECTV Dish means determining what frequencies arrive in the IRD (integrated receiver/decoder). The DIRECTV Dish itself is made up of a dish, either oval or round and one, two or three LNB's (low noise block converter. A DIRECTV Dish single LNB is one that receives satellite transmissions from only one orbiting satellite. The DIRECTV Dish double LNB is able to intercept signals from two different satellites. The most advanced antenna at the moment is the DIRECTV Dish triple LNB that intercepts signals from up to three different satellites at once.

DIRECTV Dish Single LNB

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When we look up at the satellite dish antenna on the roof pointing up into the sky we notice that the pointer is not facing the sky, but rather, the dish itself. Why is this? Actually, the concept revolves around advanced optics. Beams. Satellite transmission and reception is all about beams. To think about it easily, think like a laser beam that starts out small, but as it picks up distance it spreads out like a giant ice cream cone (the waffle kind). The more distance, the larger the area of the circle beam will be. In essence, a beam will travel only so far, until finally, the signal loses power. In space a signal should keep traveling theoretically, and that is why we have interference in the atmosphere (beams bounce around). Sunlight is a big cause of this kind of interference. But what is important to remember is that beams bounce. The DIRECTV Dish with one single LNB is designed so that when a satellite beams a signal in the direction of the DIRECTV Dish, it will bounce back to that pointing device called an LNB.

DIRECTV Dish Double LNB

The LNB's used in all DIRECTV Dish antennas do the job of catching a signal that bounces off the dish, from any area that those beams from a satellite might hit the dish. As long as the dish finds itself inside that satellite's broadcasting beam area (remember the ice cream cone) and pointed in the correct direction, the beam signal will bounce correctly and hit the LNB. But satellites stay up in the sky over the equator in an orbit called geosynchronous orbit, and point year round at one area over the earth's surface. In the case of the DIRECTV Dish double LNB, there are two LNB's so that if there are two satellites pointing at an area from different angles (still in the general cone area of the dish), the DIRECTV Dish will catch both satellite beams. But this means pointing "between" the two orbiting satellites in geosynchronous orbit above the equator, one next to the other.

DIRECTV Dish Triple LNB

Why would you need to get transmissions from two different satellites? Doesn't one satellite send all the channels in one beam? Not always. A single beam can capture digitally, up to some 12 to 32 different channels. The more powerful a beam the more channels it can send, but in the case of someone with 250 channels, they need to reach other satellites with different transmissions. Thus a DIRECTV Dish triple LNB catches three different satellite beams from three different positions. In this case, each DIRECTV Satellite is next to the other and your DIRECTV Dish will point to the middle Satellite.

Depending on how many channels you want and how many channels are available in a given satellite beam, one, two or three different LNB's might offer more options for satellite transmissions. But it really does depend on your DIRECTV service and how much you pay monthly. The technician will install your DIRECTV Dish for free, and depending on the service you buy, will give you the proper DIRECTV

Dish for free as well and even point it in the proper direction.

"Buying a DIRECTV Dish means buying a unique service package that only comes with a service that cares about you the consumer."

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5–Room DIRECTV® System – D10 Receiver (5) / 18 Inch Dish with Professional Installation (D10) The DIRECTV® D10 newest receiver is the first to feature the user interface with the look and feel that will become standard across all future DIRECTV® receivers. · (5) RCA–THOMPSON D10 DIRECTV® Satellite Receivers (D10) · (1) DIRECTV® Approved 18" Round Dual LNB DIRECTV Multi–Satellite Dish Antenna capable of receiving 101°W and 119°W DIRECTV® programming · (1) DIRECTV® Approved 3x8 Multiswitch · Standard Professional Installation for satellite dish, multiswitch & required cabling, and activation of all five satellite receivers.

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