

Thank you for your purchase of a **MOTORIZED** satellite system. Once you have set up your system you will be able to enjoy many hours of FREE Satellite broadcasting from around the world. **There are 4 simple steps to follow.** To get started take your information card supplied and go to our website and find technical support at:

<http://sadoun.com/Sat/Installation/Installation.htm>

Many years of experience and feedback have gone into all our self-help guides and may be different from the printed material that comes with the individual parts in your order, Follow our guides.

► **FIRST** we recommend you read “[Tips and Tricks](#)”. You will need a good compass for the set up.

► **SECOND** Follow the guide called “[Aiming Motorized Dish](#)”. Begin by entering your zip code; this will give you your latitude and longitude. Write all settings down on your Information Card.: You will notice that there are **2 elevations!** The MOTOR elevation is ALWAYS your latitude. (For SG2100 motor use the “Latitude scale” on the bracket) The second is the DISH elevation which must be calculated from the chart, based on which motor you have. Find your motor in the chart and click the **declination angle** link in the chart. Find your latitude in the declination angle table, it will give you a corresponding declination number to subtract. (For example for the SG2100 motor, a latitude of 47 gives a 7.01. The instructions for that motor say to subtract from 30. Therefore  $(30-7=23)$ ; This is your DISH ELEVATION)

For Stab motors you won't use that chart, simply put your latitude and longitude into the calculator and it will calculate the DISH elevation for the motor you have.

► **THIRD** You need to find True(or magnetic) South. This requires a compass or GPS. The motor/dish assembly must be set to “0” and aimed at TRUE SOUTH. This is how the receiver knows where to start when moving to the selected satellites. On the compass SOUTH is always 180. Depending on where you live in North America you may have to add or subtract from your compass heading to get True South. Find your location on the map. Which line are you closest to? (Example: Columbus Ohio is near+7) The Eastern part of the US ADDS to 180, therefore  $180+7=187$ . This is true south for us. The Western US SUBTRACTS from 180, for example Sacramento CA is near-16 therefore  $180 - 16=164$ . What ever your's is, mark it on your card and make sure the entire assembly is aligned pointing at that heading Make sure the motor mark is at “0”!

► **FOURTH** continue with the guide. There are additional tips at the bottom of the page that are of great help like “[Receiver Installation Tip](#)”. If you need further help with the guide you can call for technical assistance and we will help you with the guide. After hours help can be reached on line in our “[technical forums](#)” site where you can ask for assistance.

If you choose to have the system installed for you, you will need to [find someone in your area](#). Be sure to ask if they have installed MOTORIZED FTA systems before. Again, thank you for your purchase.