

Stationary FTA system set-up

Thank you, for your purchase of a Fortec Star **STATIONARY** 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.



Dish Alignment Quick Start:

1. Assemble your [dish](#).
2. Mount your dish on its mast. Make sure mast is 100% vertical and solid.
3. Calculate your Azimuth (magnetic), Elevation, and LNBF Skew for your location here:
4. <http://www.sadoun.com/Sat/Installation/Satellite-Heading-Calculator.htm>
5. Turn your dish towards the Azimuth (magnetic) using a compass and hand tighten screws.
6. Adjust dish Elevation to correct value and hand tighten screws.
7. Mount your LNBF on your dish and tilt the LNBF to compensate for polarization skew. The slashes on the LNB/holder represent 5 degrees each. If you are not sure think in terms of a clock with each hour being 30 degrees of a circle. For example, if you are aiming the dish at IA5 97W: For example, in Columbus, OH: LNBF should be turned 16 degrees counter clockwise when facing the dish.
8. Connect your receiver to the LNBF using RG6 coaxial cable. Make sure the receiver is "OFF" when you do that. Now, turn your receiver "ON"

Receiver Quick Start:

1. Connect your receiver to the LNBF using RG6 coaxial cable. Make sure the receiver is "OFF" when you do that.
2. Turn your receiver "ON"
3. The highlight will be on "**Antenna Setup**" by default (Pic 1). Click OK on the remote.



Pic 1 Pic 2 Pic 3

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- A. The receiver is setup by default for Galaxy 19 - 97W (aka IA-5) and UNIVERSAL LNBF
- B. LNB type: What color is your SADOON LNBF?
 - a. If it is dark colored set type to UNI (Default)
 - b. If it is light colored set type to 10750
 - c. If you have an Invacom Quad (4 ports) 2 say "L" / 2 say "C" Connect an "L" to your motor and use 10750 for Inb type
4. Change transponder to 11874 or 12122. Leave the rest of the settings as is.
5. Now adjust your dish alignment until you see the "Signal Quality" bar appear in **GREEN**.
6. Note: Even though you may see Signal strength up to 40%, but you don't see the "Signal Quality" bar that means your dish is not aligned to the correct satellite. Only when you have a perfect alignment to the desired satellite is when you will see the "Signal Quality" bar turn **GREEN** as shown in the pictures above (Pic 2) and it should be above 35%.
7. Once you have the highest "Signal Level" and "Signal Quality", press the "P. SCAN" button on the remote to perform a power scan on the satellite for all available FTA channels. A new screen will show the scan progress (Pic 3)
8. When the scan is completed, the receiver will save the data.

Congratulations, you just loaded your receiver!

If you need more help you can call for technical assistance For after hours help go on line into our technical forums at www.sadoun.net

While the installation is not difficult, it does require that you have some experience in electrical wiring and minor construction techniques. Also, you may have to climb a ladder, so you'll want to be comfortable working with heights. Most of our customers have successfully installed the satellite system by themselves.

Installation of the system is entirely your responsibility. Guidelines and tips provided on this website are intended to help you achieve a successful installation of your new satellite system. You are advised to consult a professional installer if you need more support.

Professional Installation is recommended if you have difficulty locating and locking on your favorite satellite. After you have purchased the satellite system, you may contact a professional to install the system for you. There is a fee for installation. You can also look in the local yellow pages under "satellites" for local installers in your area.

Note: Make sure to ask if the installer you want to hire has the experience with Free To Air (FTA) system installation.