



DIGITAL DISH ALIGNMENT INSTRUCTIONS

Once you have your dish assembled and mounted you will need to adjust it to see the CTN satellite - Telestar 5. These notes below will aid you in aligning the dish to the correct satellite.

ELEVATION - Find optimum (up and down)

- Adjust elevation up or down slightly until you see your highest signal strength. This may be a couple degrees above or below your given value on the *Satellite Look Angle Chart*.
- When the signal strength improves, you know that you are now getting signal from satellite instead of other terrestrial signal.
- If signal quality does not appear at this point, your dish is not pointing at the satellite. Proceed to line up with the correct satellite by adjusting the azimuth.

AZIMUTH - Adjust

- If you did not see quality when finding the elevation, you know that your dish is not pointing at the exact azimuth. The satellite is only 2 degrees apart from each other, so this is a high precision process.
- Start in one direction, either left or right, and move the dish only 1mm (1/16") at a time.
- You must wait 15 seconds after each adjustment in order for the signal quality to appear.
- The signal strength may fluctuate up or down a few points but should not drop as low as it was before you found the elevation.
- If signal quality does not appear after several adjustments in one direction, start making these same adjustments in the other direction.

If you need any technical assistance, please call or email Natalie Corey, CTN (205) 335-1805 or ncorey@ctn-energy.org



DIGITAL SATELLITE TUNING INSTRUCTIONS FOR ADTH SATELLITE RECEIVERS

This is a basic guide for tuning in channels on your digital receiver. If you wish more detailed instruction please look to the User's Manual that came with the receiver. If the program does not come on when you turn on the TV and the receiver you may need to manually enter the satellite data.

Once you've tuned in a CTN program the receiver should save the data and you should not have to re-enter it into the receiver.

1. Use your remote to go into the **Main Menu**
2. Select **Installation**
3. Select **Service Searching**
4. Select **Manual Searching**
5. Input data into the Manual Searching screen

	<i>CTN Program*</i>
TX No.	Does not matter
D/L Freq.	12177
Symbol Rate	23000
Polarization	V
PID Search	Off
LDB Freq.	10750
22 Khz	Off
DiSEqc	Off

6. Select OK
7. A box will pull up that says **Append Yes or No**, scroll over and select **Yes**
8. It should say Signal Searching Please Wait
9. There are 2 bars on the bottom of the screen to indicate the signal strength and quality. The bars in red color show the signal is in good condition.
10. Once the signal has locked in wait 30 seconds and select **menu 3 times** to exit.
11. Next stair step through the channels. There will be a white box in the lower left hand corner. It should read **PITTCOM LAOBC / BTV**. That is the channel that the CTN programming will be on. The channels will not always be the same for everyone, so you will need to just find the one with these letters.

You will only be able to see CTN programming during the scheduled program times. You may be able to view other foreign programs with these coordinates. If you need any technical assistance, please call or email Natalie Corey, CTN (205) 335-1805 or ncorey@ctn-energy.org