



## FTA Receivers Open the Digital C-Band Experience



Satman, Bubbles, Sharen still enjoy the Big Dish Experience

C band has tremendous applications for the satellite hobbyist. C-band is still the prime delivery mode for cable delivery. The few remaining analog channels available are in transition to digital mode. Most premium cable channels are delivered by Digicypher or 4DTV. Subscriptions for these channels can be obtained from various program providers. FTA transmission of digital signals abound on c-band.

C-band dishes need to be tuned exactly for best digital reception. Most c-band owners will find some upgrades are required on their system for top performance.

### *Setting up to watch C-Band*

You will need to check the following on your old dish or carefully examine a used dish you may be obtaining

1. Mover Arm -- Most c-band mover arms have a 24 count per inch resolution. To get finer adjustment the 48 count unit works best. VonWeise sells a heavy duty 24" arm with a high resolution count buy this for best performance. They sell a 24 count unit at \$30-\$40 less spending the

extra money to assure accuracy is a good investment.

Most c-band receivers have good functionality as a mover unit. Just use the existing unit programmed for the satellites you want to watch.

2. LNB -- If you examine the LNB on your dish it is probably in the 35 degree K range.

It is helpful to get a "cooler" unit. Our DMS BSC 211 is great for upgrading your existing unit it is 13 degree K and easily fits on to your existing feed horn/polarizer.

Invacom C-120 with ADF feed horn is a good combination for high end performance.

We can also supply the complete line of Norsat high end products.

3. Feedhorn/polarizer -- If you have not used your dish for a while you may find that you are getting only half your channels--either horizontal or vertical. This is an indication that your polarizer motor need to be replaced.

SatmanCanada.com is interested in seeing that our customers get cost effective solutions. A new motor can cost between \$15-\$35. The motor technology of the late70's is no longer cost effective. For about the same price you can have it all.

Polarizer/feedhorn/lnbf in one package is a cost effective easy to install solution.

Our [ASC421 C-Band Dual Pol. LNBF](#) or Digiwave [C-Band LNB](#) will work well for you.

The ultimate feed horn solution is the [DMS BSC-621](#)

With c-and ku it is in a class of its own. The most useful feature of this unit is its ability to be set for circular or linear polarization. If you are interested in a circular satattile such as 119 insert the plate in the unit and you are done! If you are more interested in T-5 ku you can run the unit without the plate.

### **Digital Programming to Watch with C-Band dish**

C-band programming can be classed in 2 basic groups "turn arounds" and primary feeds.

A "turn around" is a transmission that is picked up by a provider such as Dishnet or DirecTV and retransmitted. A good example is the stations on W-4 are "turned around" in the Sky Angel package on 61.5 .

Primary feeds would include major network feeds such as NBC on W-4 or PAX on W-1.

Satellites W-1,W-4,G4r,G3 contain the bulk of programming. Old line cable birds such as G1,and C4 have very little FTA programming available.