



January 9, 2012

## Product Review – Applied Instruments AI Turbo S2 Satellite Meter

It is important to state my qualifications prior to my comments on this piece of gear. I have been in the satellite transmission business since 1978. During these 33 years, I have provided satellite services in 67 countries around the globe. More than 80 TV networks have used my expertise on over 6000 live shows I worked on. Credits include several Olympics, Superbowls, Academy Awards, and major sporting events. I also spent 18 years on the board of directors of the Society of Satellite Professionals.

The Applied Instruments AI Turbo S2 Satellite Meter is by far the best piece of test equipment I have ever used to help determine which satellite(s) you are looking at.

Over the past few weeks the meter has been put through the paces on our shows. It has been used on DirecTV round, DirecTV SWM, DirecTV 5, DISH Network, Ku Band DVB-S and C Band DVB-S2. In every application the AI Turbo S2 has been beneficial in saving time, but even more importantly, it has saved the stress involved in verifying the correct bird prior to broadcast. By simply pushing a couple of button on the meter keypad, the unit analyzes spacecraft patterns and tells you what satellite you are receiving.

For the commercial broadcaster, the AI Turbo S2 is a perfect compliment to a spectrum analyzer. I recommend that every uplink truck and downlink rig have one. In addition to verifying the spacecraft, the meter will also read and store s/n ratios as well as Eb/No. It has been designed for QPSK and 8PSK. There are controls for frequency ranges of 250-750MHz and 950-2150MHz.

The home installer will save countless hours and call-backs by being able to see all DTH birds at once and can fine tune the dish for optimum performance. The unit comes in a rugged case that is small enough to hang around your neck when you climb a ladder.

Applied Instruments can be found on the web at <http://www.appliedin.com>  
Or by phone at 317-782-4331

Go buy an Applied Instruments AI Turbo S2 Satellite Meter, you will be glad you did.

Tim Kuglin  
CEO & Executive Producer

1048 Irvine Ave. #404  
Newport Beach, CA 92660  
949-645-5444  
[www.tk-tv.com](http://www.tk-tv.com)