

Track It TV® (formerly Follow Me TV®) -- **Important Quick Use Advice**

Track It TV® has an unconditional 30-day money-back guarantee. It is unconditionally guaranteed to satisfy you in conditions you desire viewing TV. It does not track in extreme wind or sea conditions. As the weather worsens with wind increasing to more than 10 knots and the seas greater than 1 foot, a somewhat more erratic signal may cause the TV screen to freeze with increasing frequency. As conditions worsen, at some point you will be unable to acquire or track the satellite signal. The primary reason **Track It TV®** is very low-cost is because it automates only the one task that is too difficult for humans—azimuth tracking the satellite while the boat swings as much as 720°. Elevation can be easily manually adjusted by you for your local cruising area.

You save substantial costs by relying on your skill and knowledge to initially find the satellite signal, and to then optimize the signal—skilled tasks that become easy and quick with a little practice. **Track It TV®** is based on the premise that people mostly want to view TV in relatively calm, protected conditions—worsen the conditions and they would rather pay attention to the safety of the vessel. Designing the system for this premise avoids the large additional costs of 3 dimensional dynamic tracking. We pass these savings on to you and give you a “10-90” system—90% of the utility at about 10% of the price.

Using Human Skill and Knowledge. What is required to gain 90% of the utility? **1, 2, 3...**

1) “Center the bubble.” Assure that the unit is installed within 1/2° of “vertical”. The satellite dish has a beam width of about 6° or $\pm 3^\circ$. **Track It TV®** tracks within a root mean square (rms) error of $\pm 1/4^\circ$. A $\pm 1/4^\circ$ rms means that there will occasionally be deviations as large as $\pm 1/2^\circ$ and sometimes as large as $\pm 1^\circ$ or even more on occasion. Infrequent screen freezes can occur when the dish randomly points to the edge of the beam width—but typically the TV image quickly recovers from this rare error. However, with the additional error due to the unit being out of vertical, the TV image may exhibit more frequent interruptions and may not recover as quickly. See pages 4 – 7 for the essential use of the bubble level and basic rules for a good vertical installation, and pages 8 – 12 for an overview of mounting methods, with the recommended simplest ones listed first.

2) Use the “Button Box” Left or Right to adjust the “azimuth” into the “Sweet Spot” to get the best possible signal--keep the Button Box next to the TV seat. Nothing’s as frustrating as getting into the best classical movie and the tide or wind starts to shift 180° and the screen starts to freeze a little at first and progressively gets worse until it is perfectly blank. The solid state compass is extremely sensitive to all magnetic fields—the earth’s as well as the engine or that spare anchor hung on the rail. When your boat swings 180°, the magnetic field the compass “sees” may change and can bias the compass a couple of degrees. See Operation 5 on page 31 in the Operation Manual to learn how to use the Button Box and your human skill and knowledge to quickly respond to this situation and re-acquire the best azimuth signal.

3) Mechanically adjust the “elevation” into the “Sweet Spot” to get the best possible signal. Dish elevation is fixed for whatever area being cruised and can have a continued adverse affect on signal strength if not optimized. The initial elevation setting read from the DSS-TV setup screen and set into the dish mechanical elevation adjustment is usually OK to get an initial signal, but should always be checked to assure it is the best possible. See page 24 in the Operation manual for an overview of dish pointing, and pages 36-40 for details on how to optimize dish elevation in particular.