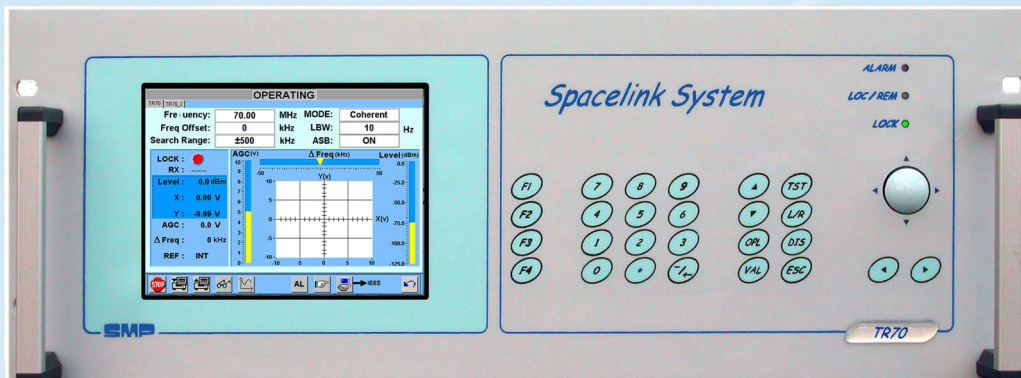

SPACELINK SYSTEM

MODEL : TR 70



The SPACELINK SYSTEM is directly derived from our multi-modes experience. With new technologies and new digital boards, SMP shows its own capability to develop a complete solution for tracking, demodulation, synchronization & decoding in a single equipment.

The characteristics of SMP Monopulse Tracking Receiver Model TR70 are defined hereafter. Associated to our standard down-converter (Model DTC from 290 MHz up to 50 GHz), it provided Customers a full subsystem doing high accuracy tracking thanks to our internal mode of auto-calibration.

SYSTEMES MIDI-PYRENEES has developed a Tracking Receiver to accept a spread spectrum signal in coherent mode including bit synchronizer (IF bandwidth 45 MHz).

7 models are designed for different User applications.

MODELS

- TR70A : Two channels (1 Sum, 1 MUX Error X/Y)
- TR70B : Two channels (1 Sum, 1 Error X/Y = 90°)
- TR70C : One channel (MUX Sum/X/Y)
- TR70D : Three channels (1 Sum, 1 Error, 1 co-polar)
- TR70E : Three channels (2 Sum, 1 Error)
- TR70F : Three channels (1 Sum, 1 X, 1 Y)
- TR70G : Six channels (2 Sum, 2 X, 2Y) – Pre-detection combining