

## EASY & COMBINED FIELD METER

**DVB-T2/C/S2**

AUTOMATIC, FAST & EASY-TO-USE



75Ω  
"F"  
Connector

**RF IN**

- FREQ. RANGE 30-2.700 MHz
- DVB-S/S2
- DVB-T, T2/T2 LITE Mult. PLP(OPT.) & C
- SPECTRUM
- GSM BAND
- **LTE ANALYZER**
- SAT EXTENSION 700-2700 MHz

**APPS**

- SAT EXPERT
- MER vs CARRIER
- REFLECTOMETER
- DOLBY AUDIO

## MAIN FUNCTIONS

### SPECIAL FUNCTIONS

- **Exclusive patented ROVER AUTODISCOVERY system:** auto-matically detects and selects analog and digital COFDM/QAM TV signals in both measurement and spectrum mode.
- **Automatically identifies all the signals with digital modulation SAT, TV and CATV.**
- **Automatic Assistant:** Signal Quality analysis, Channel Scan memorization.
- **Barscan TV & CATV function from 10 to 100 channels on one screen.**
- **Buzzer & Noise Margin real time graph for digital signals microinterruptions.**
- **Reflectometric measurements APP (opt.).**
- **SATELITE:** DiSEqC, SCR, dCSS & Motorized antenna commands, SAT FINDER & SAT EXPERT
- **Custom Channel Plans:** 25 (199 ch. per plan), Programmable TV, SAT (or combined TV/SAT) by PC or Local Keyboard.
- **Loggers:** TV, SAT & combined with stop & go function.
- **SAT Memory Plan:** More than 2.000 transponders prememorized for world wide Satellite.
- **Free SMART PC interface program and FW upgrades.**
- **OPTIONS\*:** check the Cross reference on page 12.

### SPECIFICATIONS: MEASUREMENTS, SPECTRUM ANALYSIS & PICTURES

- **Frequency Range:** TV, CATV & Radio: 30-1.000 MHz; SAT: 700-2.700 MHz.
- **Frequency Resolution:** TV & CATV 25 KHz; SAT: 5 MHz.
- **Power range Meas.:** TV 35 to 115 dB $\mu$ V, SAT 5 to 105 dB $\mu$ V.
- **Digital Meas:** Digital Power, MER (36 to 40 dB max depending on modulation), BER, PER, LDPC, BCH, Noise Margin, MER versus CARRIER.
- **Measurement Resolution:** 0.1 dB.
- **Level Measurement Accuracy:** 1 dB typ. (2 dB max.)
- **Resolution Filter Bandwidth:** TV & CATV: 100 KHz @ -3 dB; SAT: 5 MHz @ -3 dB.
- **Constellation:** for TV/CATV and SAT signals.
- **Spectrum:** Fast spectrum, Max Hold and spectrum memorization with real time compare function.
- **Net-id on board:** Net-id, NID, TSID, LCN, SAT Orbit Position.
- **Echoes, Pre-echoes, Micro-echoes:** Representation in real Time.
- **Quality:** Digital Auto quality Test: PASS-MARGINAL-FAIL.
- **Digital Pictures:** MPEG2-4 SD & HD, pictures with Program List, Audio Video PIDs, LCN, Video bit Rate all on one screen.

## COMM. PORTS AND OUTPUTS

- **RF Input** : 75 ohm (interchangeable "F").
- **USB 2.0**: Type B (PC Interface).
- **Audio**: AAC supplied, DOLBY (opt.).
- **Video**: Composite Video input.

## GENERAL SPECIFICATIONS

- **5" TFT TOUCH display**: 16:9 high resolution and high brightness.
- **Power Supply**: Built in LiPo battery with 2 to 4 hours duration (depending on the function) & Battery Test function.
- **DC voltage at RF input**: 5 - 12 - 18 - 24 V, DC DiSEqC, SCR & dCSS commands.
- **PC Interface**: USB-B.
- **Front-Panel**: Alpha numeric keypad.
- **Power Save**: TFT backlight timer, brightness adj.
- **PC Management**: SMART software.
- **Weight**: only 1,4 Kg with batteries.
- **Size**: H 13,0 x W 25,5 x D 4 cm.
- **Housing**: Aluminium and Steel and Light bag. (Elite bag with extra padding Optional.)

Visit [WWW.ROVERSHOP.IT](http://WWW.ROVERSHOP.IT) to check the available accessories.

NOTE: Some options must be requested when ordering the instrument.

## MEASUREMENT EXAMPLES



New Icon Navigation Menu



SAT Spectrum



New Meas. & Pict. Super fast

SAT FINDER		
POWER: 57.2dBuV	NA44N15.0dB	TP124 VL
POWER: 52.2dBuV	NA44N17.1dB	T5125 HL
POWER: 51.0dBuV	NA44N15.0dB	TP100 VH
POWER: 50.8dBuV	NA44N15.0dB	T5101 HH

SAT FINDER