

EASY & COMBINED FIELD METER

DVB-T2/C/S2

AUTOMATIC, FAST & EASY-TO-USE



75Ω
"F"
Connector

RF IN

- FREQ. RANGE 30-2700 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: 30-1000 MHz; SAT: 700–2700 MHz.
- **Frequency Resolution:** TV & CATV 25 KHz; SAT: 5 MHz.
- **Power range Meas.:** TV 35 to 115 dB μ V, SAT 5 to 105 dB μ 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.)

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

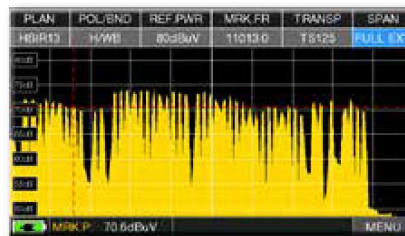
Visit WWW.ROVERSHOP.IT to check the available accessories.

Features and functions may change without notice.

MEASUREMENT EXAMPLES



New Icon Navigation Menu



SAT Spectrum



New Meas. & Pict. Super fast

PLAN	POL/BND	REF.PWR	MRK.FR	T TRANSP	SPAN
HBR13	HVH	80dBuV	11013.0	T5125	PULL OUT
PLAN	POL/BND	REF.PWR	MRK.FR	T TRANSP	SPAN
EUROPE	DVB-T2	8	OFF	810.00	63
POWER: 69.0dBuV					
MER: 31.1dB					
SNR: 31.1dB					
1x10 ⁻³ BER					
<10 ⁻⁸ LBER					
ITS CQIR17					
RIS Network					
INID: 2000					
NETW: RIS Network					

SAT FINDER