

THE MOST EASY & COMBINED FIELD METER WITH HEVC

DVB-T2/C/S2
H265 - HEVC

AUTOMATIC, FAST & EASY-TO-USE



5" HIGH BRIGHTNESS 16:9 DISPLAY

- NEW OPTIONS**
- WiFi
 - HEVC H265
 - OPTIC

FULL TOUCH Excludable

EXCLUSIVE DUAL COMMANDS

MECHANICAL Keys & Encoder

- 75Ω "F" Connector**
- RF IN**
- FREQ. RANGE 30-2.700 MHz
 - DVB-S/S2
 - DVB-T, T2/T2 LITE MULT. PLP (Opt.) & C
 - ISDB-T (6/8 MHz) - ATSC - GB20600
 - SPECTRUM
 - GSM BAND
 - LTE ANALYZER
 - SAT EXTENSION 700-2700 MHz

- HEVC**
- H265
 - HIGH EFFICIENCY VIDEO CODING

- APPS**
- SAT EXPERT
 - MER vs CARRIER
 - REFLECTOMETER
 - DOLBY AUDIO
 - WI-FI
 - HEVC

- OPTIC**
- POWER METER
 - POWER LOSS
 - POWER GRAPH
 - SAT, TV & CATV SPECT & MEAS
 - SC CONNECTOR

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.).**
- **Optical Input (opt.).**
- **WI-FI analyzer (opt.).**
- **HEVC H265 decoder (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 dBμV, SAT 5 to 105 dBμV.
- **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, HEVC (opt.) pictures with Program List, Audio Video PIDs, LCN, Video bit Rate all on one screen.

OPTICAL MEASUREMENTS

- **SC input connector.**
- **Automatic loss calculation.**
- **Wavelengths (nm):** 1310, 1490, 1550.
- **Range:** -25 to +6 dBm.
- **Resolution:** 0.1 dB.
- **Accuracy:** +/- 0.5 dB.
- **Optical to RF conversion.**

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

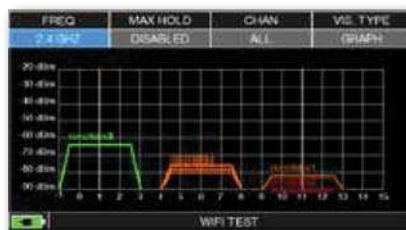
- **5" TFT TOUCH display**: 16:9 high resolution and high brightness.
- **Power Supply**: Built in LiPo battery with 2 to 4 hours duration (depending on the function) & Battery Test function.
- **DC voltage at RF input**: 5 - 12 - 18 - 24 V, DC DiSEqC, SCR & dCSS commands.
- **PC Interface**: USB-B.
- **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 padded bag.

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

MEASUREMENT EXAMPLES



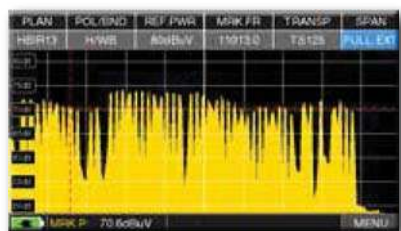
New Icon Navigation Menu



Wi-Fi Analyzer



New constellation diagram



SAT Spectrum



New Meas. & Pict. Super fast



SAT FINDER