

## MAIN FEATURES

- TV Tuner from 4 to 1.000 MHz, extended CABLE and GSM bands, SAT tuner 930-2250 MHz, extended
- Exclusive ROVER **AUTODISCOVERY** system: automatically recognises and selects analog TV and digital TV COFDM/QAM signals in both measurement and spectrum mode
- **Detects, measures and SHOWS** pictures of the **MPEG4 HD High Definition** programs
- All worldwide SAT transponder pre-stored **and analog SAT pictures**
- Automatic quality analysis: FAIL-MARG-PASS
- Dual display: new, ultra-bright TFT with excellent resolution
- Rotational encoder & numerical keyboard
- Simultaneous visualization of pictures and the program list, MPEG-2 & 4 HD and A/V PID
- Auto memory, Manual memory & Data Logger
- Weighs only 2,5 kg, H 11.5 x L 24.5 x D 18.0 cm
- 2 to 3 hour battery autonomy
- Supplied with soft bag and hard case for transport, mains adaptor and 12V vehicle adaptor
- **Conditional Access, Common Interface**
- Upgradeable online (USB-2 socket)
- **Bluetooth communication (optional)**

- **DVB-S2 (T2 & C2 upgradable)**
- **FULL MPEG2 & 4 HD**
- **FAST SPECTRUM with MEMORY**
- **ANALOG SAT PICTURE**

- **OPTICAL INPUT SPECT & POWER**
- **2 DISPLAYS: 4.5" + 2.5" 16:9**
- **CONDITIONAL ACCESS • LAN IPTV PORT**

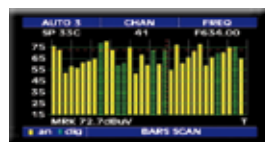
**NEW** **ATOM HD** **STCOL**  
The only **INTEDGRATED** **HD** analyzer  
with **optical and LAN input**



Fast spectrum with memory peak, detects and memorizes all the details for you



DVB-S2 = 8PSK, T = COFDM, C = QAM Constellations and modulation parameters



TV Bars Scan  
= analog = digital



Impulse response in real time (ECHOES in "SFN" NETWORKS)



All measurements, pictures and settings on one screen

For technical specifications and product cross-reference, see pages 23-24 and 13-14.

Mod. **ATOM HD-STCOL** **DUB-S & S2 / DUB-T (T2 opt.) & H / DUB-C / J83-B & C / OPTICAL / LAN**

**PROFESSIONAL COMBINED ANALYZER, 4-2.250 MHz, FOR SAT QPSK - 8PSK, TV COFDM, CABLE QAM, OPTICAL & LAN IPTV SIGNALS**

- Pre-memorized SAT transponder navigation in all worldwide satellites and in all the worldwide standard TV channel plans
- Assisted satellite dish pointing, double input (DUAL LNB) and Sat Finder functions
- All DiSEqC commands and SCR with automatic search
- Constellation visualiz., MER, PER, LDPC, BCH, aBER, bBER, EVM, ECHOES, noise margin & level/power measurements, spectrum analysis
- CABLE MEAS: DOCSIS downstream, INGRESS mode, LEAKAGE mode, BARS SCAN and TILT
- Options: with ATSC 8VSB for USA or GB20600-2006 single and multicarrier for CHINA
- **MPEG-2/MPEG-4 HD, H264 decoder and Conditional Access • 4.5" 16:9 wide angle TFT LED display**
- **Factory HW upgrades: DVB-T2, DVB-C2 (until 31.12.2012)**



Code	Options
<b>ATO-OPTIC MODULE</b>	OPTICAL module with interchangeable "FC", "ST", "SC" connector, 4-3900 MHz for Spect. & Meas. POWER
<b>AML-OPT</b>	AM audio demodulator for French standard SECAM "L"
<b>RIGHTS-SMART-1</b>	Authorisation code for the SMART PRO PC management, SW program
<b>DVB-T/T2/C</b>	TV tuner module DVB-T/T2/C