

THE MOST ADVANCED & ACCURATE INSTALLATION METER

mod. **HD TAB 7** STC

TFT 7"
16:9



DUAL COMMANDS:

- Mechanical
- Touch (opt., excludable)

- **DVB-T2** opt.
- **FULL MPEG2 & 4 SD & HD**
- **5h LI-ION POL. BATTERIES**
- **LCN PROGRAM CODE**
- **MER VERSUS CARRIERS** opt.

- **ECHOES, MICROECHOES & PREECHOES** in REAL TIME
- **REAL TIME SPECTRUM with MAX HOLD**

LEFT SIDE



- 1 = RJ 45 connector (only for ROVER internal use)
- 2 = USB socket for SW upgrades and memory plans
- 3 = Power supply input connector (12 V DC - 1A)

RIGHT SIDE



- 4 = IF/RF input connector, "F" type, 75 Ω
- 5 = VIDEO input Connector

HD TAB 7 MAIN FEATURES

DVB-S & S2/DVB-T/H (& T2 M-PLP opt.)/DVB-C (C2 opt.), Analog Radio TV & DOCSIS D.S.

COMBINED HD PROFESSIONAL ANALYZER, 4-2.250 MHz, for SAT QPSK/8PSK - TV COFDM & CATV QAM signals, with MPEG-2/4 H264 decoder and Analog Pictures TV & Radio

- MEASUREMENTS: MER, MER Versus CARRIER (opt.), PER, LDPC, BCH, aBER, bBER, EVM, ECHOES, Noise Margin, Level/Power, Real time spectrum analyzer and constellation visualization
- CATV MEASUREMENTS: DOCSIS downstream, INGRESS mode, LEAKAGE mode, BARS SCAN and TILT
- Optional: ATSC 8VSB for USA, or GB20600-2006 single and multicarriers for CHINA, or ISDB-T for JAPAN and BRAZIL, etc.
- **HW upgrades in factory: DVB-C2 (up to 31.12.2013)**
- Pre-memorized SAT transponder navigation, can be upgraded but not cancelled, all the main satellite and TV channel plans worldwide
- Assisted satellite dish pointing, double input (DUAL LNB) and sat finder functions
- All DiSEqC commands, SCR with automatic search, USALS motor protocol

HD TAB 7 MEASUREMENT EXAMPLES



DVB-T2 rotated Constellation 256 QAM mod., on the right relative modulation parameters & M-PLP



DVB-S2 Constellation 8PSK mod., on the right relative modulation parameters & ISSY



ECHO MEASUREMENT in SFN networks, with impulse response in real time, green area shows the guard interval



MICROECHO MEASUREMENT in SFN networks, with impulse response in real time



Spectrum in real time, fast and super-fast with memory peak. **Detects and memorizes all the details for you.**



All the measurements, A/V PID, the picture and settings on one screen



LTE Interference Autotest



MER Versus CARRIER MER measurement for carriers (optional)

HD TAB 7 MAIN FUNCTIONS

For technical specifications see product cross reference table

- TV and CATV TUNER, extended band, 4-1000 MHz
- SAT TUNER, extended band, 930-2.250 MHz
- GSM extended band, 860-1.000 MHz for telephone repeater installation, see application note
- Exclusive patented **ROVER AUTODISCOVERY** system: automatically detects and selects analog and digital COFDM/QAM TV signals in both measurement and spectrum mode
- Spectrum in real time, fast and super fast with memory peak
- **Detects, measures and SHOWS pictures of MPEG 2 and 4 H264 HD High Definition programs**
- **All the measurements, program lists, A/V PIDs, NET ID, LCN, settings and pictures on one screen**
- **Automatic quality analysis: FAIL-MARG-PASS and ITU Q1/Q5 opt.**
- Automemory, Manual memory and Datalogger functions
- HELP function automatically identifies all the signals with any digital modulation SAT, TV and CATV
- MER versus CARRIER, MER measurement for DVB-T & T2 carriers opt.
- **Barscan TV & CATV function from 10 to 100 channels on one screen**
- TV & IF SAT test ICT FENITEL Spain
- **Audio, AAC supplied, DOLBY opt.**
- 7" TFT display, 16:9, high resolution
- Weighs only 1.6 kg, dim: H 14 x L 24 x D 4 cm
- **LI-ION-POLIMER 4,8A battery with 5 hour battery capacity**
- Battery test function, to regenerate and measure the batteries and calibrate the battery indicator
- Supplied with transport padded bag, accessories, mains and vehicle battery chargers
- Free basic SW upgradeable on-line

Code	HD TAB 7 "HW" OPTIONS
HD DVB-C2	HW and SW for DVB-C2 for second generation Cable TV
HD ATSC USA	HW and SW for 8VSB USA *
HD GB20600 CHINA	HW and SW for CHINA Single and Multicarriers *
HD ISDB-T JAPAN BRASIL	HW and SW for Standards in Japan and Brazil *
* Specify one standard when ordering, only one TV standard per country	

Code	HD TAB 7 "APP" (SW) OPTIONS
HD SATEXPERT FUNCTION	APP to point a satellite dish in 1 second
HD TAB-7 DVB-T2	APP for DVB-T2 Demodulator for second generation Terrestrial TV
HD TAB 7 MER versus CARRIER	APP for DVB-T&T2 MER versus CARRIER measurement
RIGHTS-SMART-1	APP for Authorization code for the SMART PRO. SW, PC management SW, to create plans & download measurements, etc.