100% Made in Italy

SAT, TV, CATV ANALYZER

HD TAB 7 STC, new app: remote control, reflectometer and channel loggers

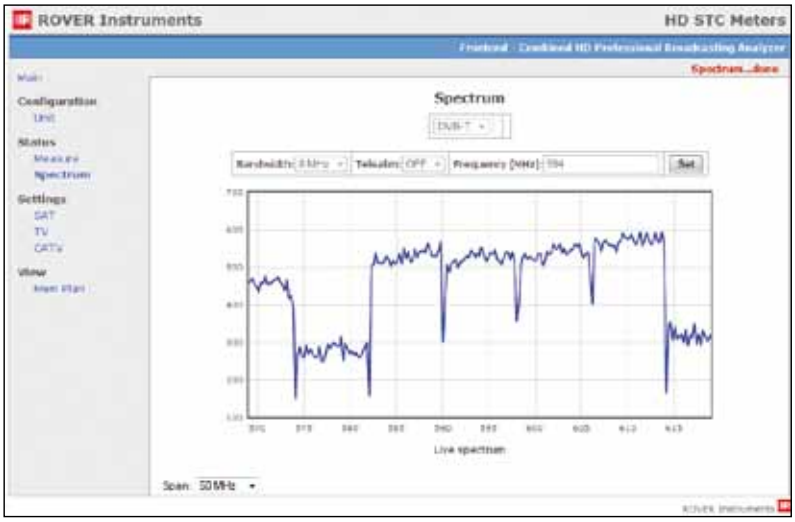
The HD TAB7 is only 4 cm thick, so the installer can easily hold it in his hand.

New optional app's make this innovative meter an absolute success, together with its large, 7" display, depth of only 4 cm, aluminium housing and 4-hour lithium battery autonomy.

Evidently it is very advantageous to own an instrument whose functions are based on innovative software. Rover has been designing analyzers this way for more than 10 years.
It has conquered the global electronics industry and increased exponentially. For this reason, it is fair to say that Rover was among the first in the world to take this path, and has gained an experience that allows the company to provide its customers with a competitive advantage. Obviously, a software based measuring instrument, is able to increase its number of functions, simply by installing new apps or programs able to perform a particular task. Rover recently released new apps for the HD TAB 7 STC meter, dedicated to Reflectometer, Remote control via web and Channel Logger functions, which add to the Sat Expert Analysis and MER carrier analysis Apps that have been available for some time.

APP: Remote control via Web (new)

The analysis of reception problems in a TV or SAT system, often requires the maintenance technician to travel several times to the job site, as some operating conditions occur during specific times of the day. The HD TAB 7 STC's LAN board allows you to connect the meter to a network using an IP address configuration of an IP address. Once you have carried out the configuration and connected it to the network, by typing in the relative IP address in an Internet browser (for example Explorer, Safari, etc.), it is possible to control and monitor the meter's main functions from a distance. The screen below shows some of the available functions: channel/transponder settings, reception quality parameter measurements, spectrum analysis, impulse response analysis (ECHOES), etc. You can carry out remote control of the meter via PC, laptop, tablet or smartphone.



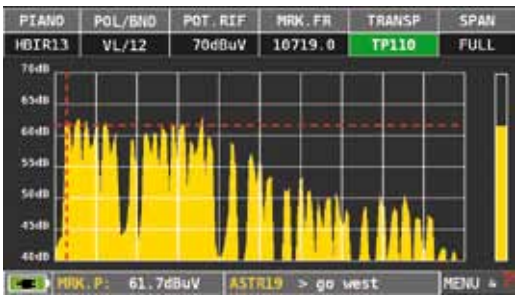
APP: Reflectometer (new)

With this function it is possible to check the correct matching in a 75 ohm, TV-SAT distribution network. You can see a mismatching by using a noise generator and 'T' connector. If the distribution is perfectly matched, the meter will show, in spectrum

mode, only calibrated noise. Viceversa, if the mismatching is caused by say, a short circuited cable that has been cut or not closed by a 75 ohm dummy load, the meter will create a stationary wave on the spectrum. Using two markers, the meter's navigation menu, allows you to select the two voids and show in the lower-left part of the display, for example, the exact distance of the cable interruption.

APP: Sat Expert

The Sat Expert App is particularly interesting. The screen below shows the pointing of the Hot Bird satellite, positioned at 13°E. In the top-left of the display, near the word 'Plan', you can see an abbreviation of the name of the satellite you want to point, selecting from the meter's memory plans, "HBIR13". The lower part of the display shows the word 'ASTRA19' followed by '> go west'. This indication tells the installer that the satellite dish is pointing towards ASTRA at 19° East and that, if you want to point the dish towards Hot Bird, positioned at 13° East, you must move the dish in a westerly



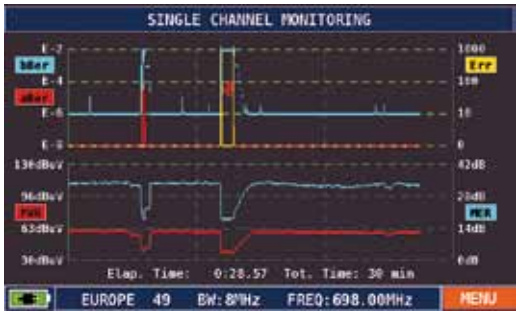
direction. When you have finished pointing the dish, the lower part of the display shows the words "HBIR13 FOUND!". Depending on the diameter of the dish used, moving the dish in a range of ±10° according to the chosen satellite, the instrument will show, each time, in Full Sat Expert spectrum mode, which satellite you are pointing at.

APP: Channel Logger (new)

This function is necessary to determine which parameter is showing an occasional fault in the system. It allows you to monitor some of the digital parameters, both in TV and SAT mode, over a period of time.

In the case of a DVB-T signal, for example, the parameters are bBer, aBer, Errors, Power and Mer.

These parameter values are shown on a graph, so that you can carry out immediate analysis, or save them in a file and then export for further controls, statistics and graphics. Each parameter shows on the screen with different colors, so that it can be easily identified. It is possible to determine the time lapse by choosing either 30 minutes, 3-6-12-24 hours, 3 days or a week.



HD TAB 7: MAIN FEATURES

FREQUENCIES	
Terrestrial (MHz)	4 - 1000
GSM extended band (MHz)	up to 1000
Satellite (MHz)	950 - 2.250
MEASUREMENTS	
Digital standards	DVB-S/S2, DVB-T/T2, DVB-H, DVB-C (C2 upgradable)
Digital modulations	QPSK, 8PSK, COFDM, QAM
RF digital measurements	MER, PER, LDPC, BHC, aBER, b-BER, EVM, Echoes Power, Noise Margin, Quality
SCREEN	
Color display	LCD TFT TOUCH, 7", high resolution
FUNCTIONS	
Constellation	QPSK, 8PSK, COFDM and QAM
Echoes, microechoes & pre-echoes	Yes, in real time
Real time spectrum	Yes, with Max Hold
DiSEqC, SCR driver & Motor	Yes
Datalogger	Yes, via USB
Memory plans	Yes, 99 measurements and spectrum
VARIOUS	
Commands	Touch and mechanical (direct keys and encoder)
Battery	4 A, Li-Ion-Polimer, 4 hour autonomy
Weight / Dimensions	1.6 kg / 240 x 140 x 40 mm (LxHxD)