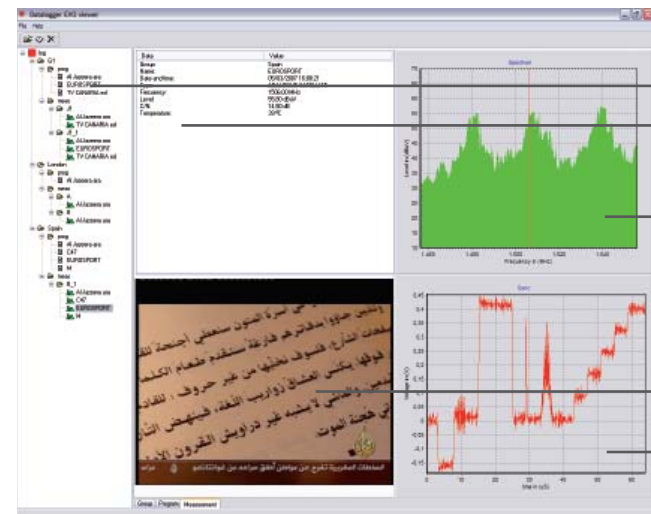


Technical Features

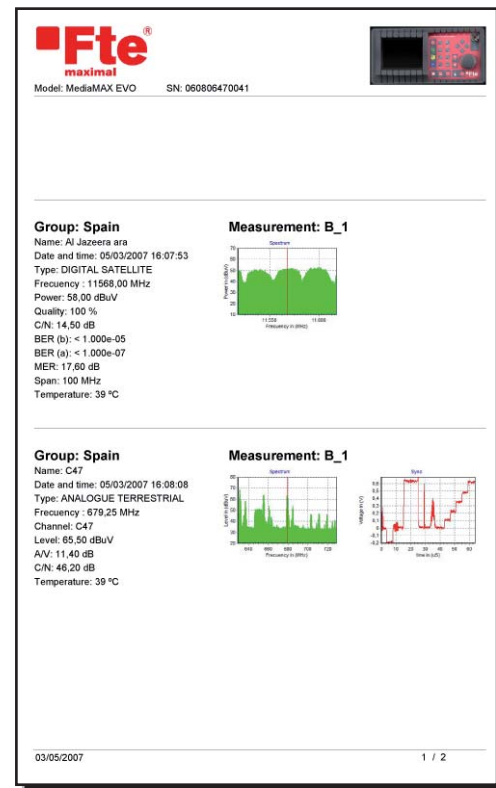
High Performance Data-Logger

mediaMAX EVO is supplied with an amazing and really complete Data-Logger. You only need a small software in your computer to be able to capture the Measures, Spectrum, TV Line and also the Picture of each channel (Analogue or Digital).



— whole tree diagram of your stored measures
 — detail of the selected measures
 — capture of the measured spectrum
 — captured picture of the measured channel
 — test TV Line of the measured channel

Generate Reports with the Measures, Time, Temperature, Spectrum, Picture, TV Line and much more...



RF Standards	
FM:	88-108 MHz
Terrestrial:	B/G (CCIR), L/L' (France), I (UK), D/K/K' (OIRT), M/N (USA and Japan), B/B (Australia)
Satellite:	C and Ku Bands

Frequency	
Range	5-862 MHz y 900-2150 MHz
Tuning	Continuous in all the band
Steps:	50 KHz in Terrestrial Band and 1 MHz in Satellite Band.
Audio Range in analogue satellite:	5-9 MHz

Analogue	
Analogue Measures:	Power Level, Video/Audio, CNR, Line Synchronism
Range of Measurement:	TV: 20 - 125 dBuV SAT: 30 - 125 dBuV
Units:	dBuV, dBmV o dBm
Accuracy:	±1.5 dB @ 25°C
Acoustic Beeper:	Audio Frequency proportional to the strenght of the signal.

Digital	
Measures:	Channel Power, BER (before and after Viterbi), Total Errors, CNR, Quality
Standards:	DVB-S / DSS
	COFDM
Measures:	Channel Power, BER (before and after Viterbi), Total Errors, MER, CNR, Quality
FFT Mode:	2K, 8K and AUTO
Guard Interval:	1/4, 1/8, 1/16, 1/32 and AUTO
Inner Modulations:	64 QAM, 16QAM and QPSK
	QAM
Measures:	Channel Power, BER (before and after Viterbi), Total Errors, MER, CNR, Quality
Modulations:	16, 32, 64, 128, 256 QAM

Feeding	
Battery Type:	Litio - Ion (90 W/hour)
Battery Duration:	Up to 4.5 h (4h feeding a Quattro LNB)
Charging Time:	Approx. 8 hours
External Feeding:	20V / 2.5A

Mechanical Features	
Dimensions:	280x130x220mm + transport bag
Weight:	4 Kg

→ www.ftemaximal.com



mediaMAX EVO



General Performance

mediaMAX EVO is a completely new Field Strength Meter for TV, Satellite and CATV signals. **COFDM, QPSK (C and Ku Band), QAM (with Return Channel)**

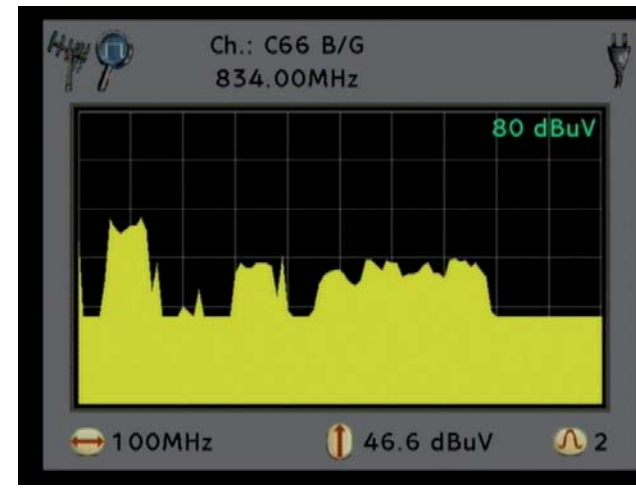
Its completely new design, lighter and smaller than its old models, MediaMAX and MediaMAX TFT, as well as its new powerful hardware allows **performing with the last needs of the professional installers.**



Its **4 Kg of weight, 5" TFT High Resolution Screen, Lilon Battery (4,5 hours working), Rotating Key, easy Matrix Keyboard, USB 2.0 Connector, RS-232 interface, A/V input/output connectors** could be some of the most highlightable features of this new equipment from Fte Maximal.

With **mediaMAX EVO**, the professional installer will be able to carry out all the needed measures, captures and adjustments of many different parameters.

Summary of Technical Features	
Analogue Standards Allowed	B/G (CCIR), L/L' (France), I (UK), D/K/K' (O.I.R.T.), M/N (USA and Japan), B/B (Australia)
Digital Standards Allowed	COFDM, QPSK (C and Ku Band), QAM (with Return Channel)
<hr/>	
Analogue Measures	Power Level, V/A, CNR, Line Synchronism
Digital Measures	Channel Power, CNR, BER (before), BER (after), MER, Constellation Diagram
<hr/>	
Screen	5" TFT Colour High Resolution
Keyboard	Rotating key+Click, Matrix Keyboard
Weight	4 Kg
Dimensions:	280x130x220mm + transport bag
Battery (Duration)	Lilo (4,5 hours without feeding LNB)
Interfaces	RS-232, USB 2.0, A/V input/output connectors
Accessories (default)	Protection Bag, Rubber Protector for the edges, DC Charger
<hr/>	
Data Logger	Yes
Software Upgrade	Yes (through USB 2.0)



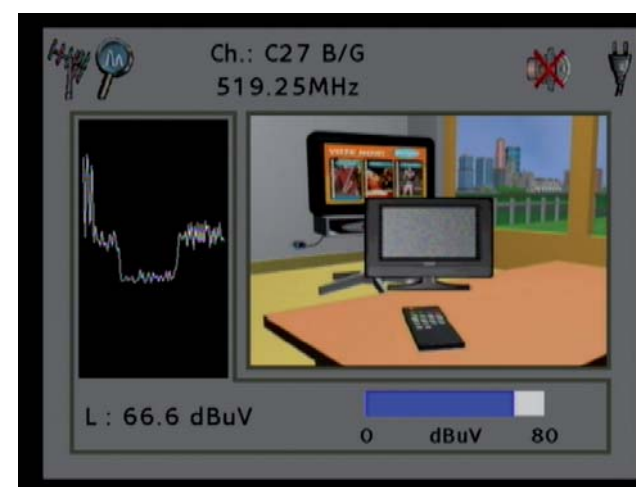
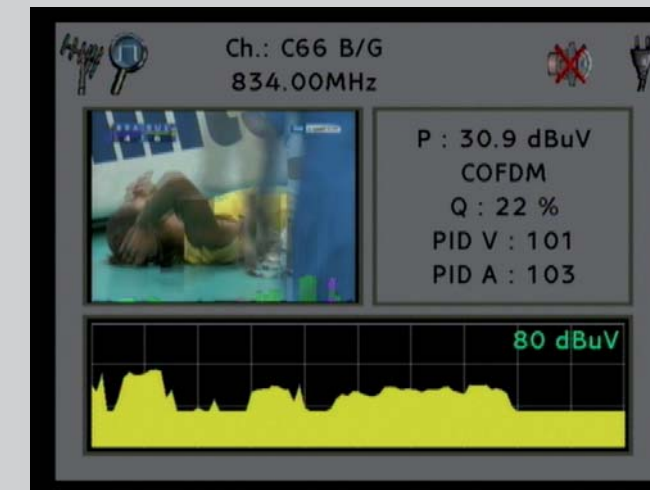
High Resolution Spectrum

mediaMAX EVO is provided with a High Resolution Spectrum, which allows watching with high detail all the needed information about the channels and interferences.

Combine different views

With mediaMAX EVO you will be able to watch different views in only one screen: Picture, Parameters and Measures as well as Spectrum... everything at the same time !!!

Control with only 3 keys all the views and parameters !!!



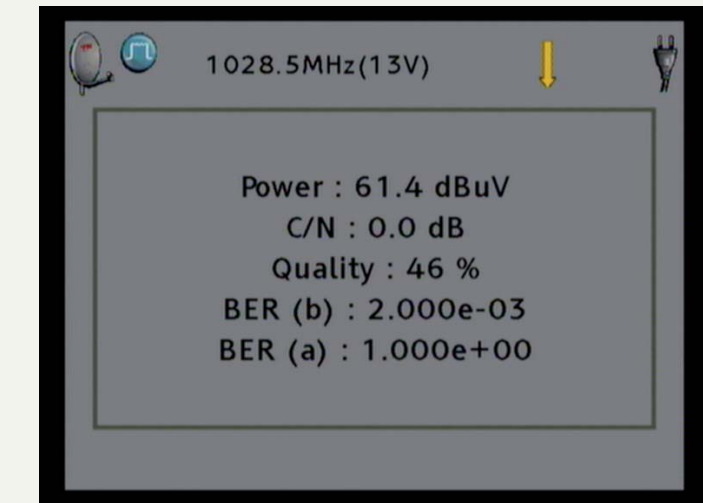
Line Synchronism Displayed

You will be able to see the quality of the Analogue signal simply watching the shape of the horizontal synchronism, at the same time that the Analogue Picture (AM and FM) is being displayed as well as the Power Level.

Analogue & Digital Measures

Analogue Measures: Power Level, Video/Audio, CNR, Line Synchronism

Digital Measures: Channel Power, CNR, BER (before c.), BER (after c.), MER, Wrong Packets, Quality, NIT and PID identification.



Rotating Key as well as an amazing Interface

Enjoy the User Interface of **mediaMAX EVO** only using the Rotating Key to move through all the available options. This key, in addition, allows clicking and selecting the wished option.



With only 3 Keys, you can select if you only want to watch the Spectrum, Picture, Measures, or any combination of these 3 views all together.