

HEXYLON

HIGH PERFORMANCE PORTABLE METER INTENDED FOR PROFESSIONAL USERS
ADVANCED FEATURES AND HIGH MEASUREMENT ACCURACY



WHERE CONTENT BECOMES THE USER INTERFACE

PROFESSIONAL METER

RF ANALYSIS

- Ultrafast spectrum analyzer (sweep<10ms). From 5MHz to 3.3 GHz
- Advanced echoes analysis (Pre and Post Echoes), and echoes outside the guard interval
- Configurable resolution filters between 300 Hz and 6.4 MHz
- LTE interferences detection and simulation
- Signal quality measurements: Power, C/N, BER, MER, constellation, echoes, etc.
- dCSS, SCR, DiSEqC 1.1

TS ANALYSIS

- ATSC 3.0 and ATSC 1.0
- T2-MI packet analysis over ASI or IP
- Real time analysis of the Transport Stream, showing services and tables
- Table repetition and quality analysis
- Services treewiew

AND MUCH MORE...

- Path Delay Profile (PDP)
- Waterfall
- Ultrafast scan that finds and measures all the channels in the band
- Display Full HD 1080p/MPEG2/MPEG4 *
- Satellite automatic identification
- MER by Carrier graphic representation
- Tracking feature, drive test, and measurements with coordinates, thanks to the incorporated GPS

* HEVC supported on Q1 2018

EASY TO USE

- ✓ Exclusive Mosaicq feature
With 6 customizable widgets
- ✓ Multiple desktop with simultaneous working environments
- ✓ 8" touch screen
- ✓ Gestural commands for an intuitive management
- ✓ Field Replaceable battery
with integrated charger
- ✓ User-defined profiles
- ✓ Ethernet, WiFi, and bluetooth connectivity
- ✓ High capacity internal memory
- ✓ Access to the cloud to save your data
- ✓ Interconnection with GSERTEL RCS products:



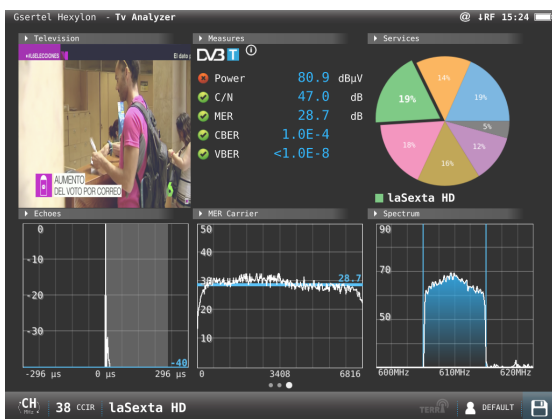
GSERTEL

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FEATURES



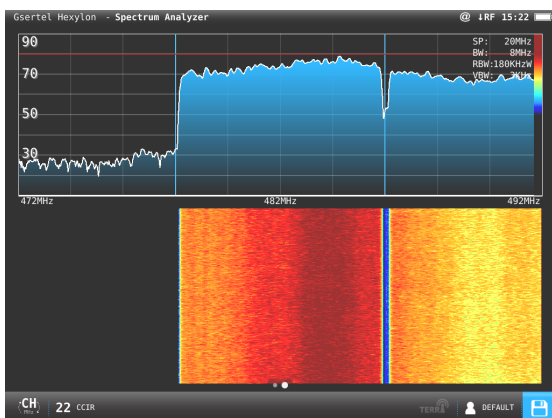
EXCLUSIVE MOSAIC FEATURE

With six user-defined customizable widgets that allows to see all the characteristics of the signal at a glance



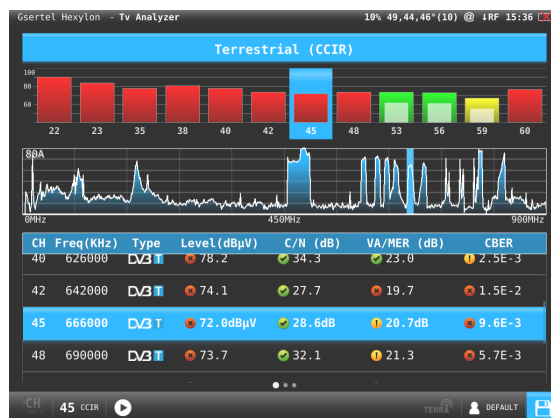
POWERFUL SPECTRUM ANALYZER

Continuous, high-speed, and high-resolution spectrum analyzer with proprietary features



WATERFALL

Represents the evolution of the signal, both in time and frequency



SYSTEM SCAN

Simultaneous displaying of every found channel measurements

SPECIFICATIONS

Standards

Analog TV (PAL, NTSC, SECAM)
DVB-T,
DVB-T2 v1.3.1, DVB-T2 lite
DVB-H
ISDB-T/Tb
DVB-S
DVB-S2, DVB-S2 multistream,
DSS
DVB-C
QAM Annex A, B, C
FM
DAB, DAB+
ATSC 3.0/1.0

Screen

TFT 8" touch screen

Connectivity

RF: N 50 Ω connector
ASI-TS F75 Ω input and output
IPTV input for measurements and
decodification
HDMI output
IP Ethernet input for remote control
Analog video input
Headphones output
Slot for common interface modules
USB for data transfer
GPS
WiFi
Bluetooth

RF Measurements

Continuous spectrum analyzer
Path Delay Profile
Analog measurements: Level, C/N, V/A
DVB-T: CBER, MER / **DVB-T2:** BER, Link
Margin
DVB-C: MER, CBER
DVB-S: CBER, MER / **DVB-S2:** BER, Link
Margin
Constellation
Echoes
LTE interferences detection
Waterfall
Scan
ATSC 3.0/1.0: MER, BER

MPEG Measurement

T2-MI packet analysis over ASI or IP
TS analysis y real time
Table repetition and quality
analysis
Representation of all the services
and tables
Services treeview

Battery

Li-Ion
Field Replaceable battery

Dimensions

220mm H x 260mm W x 65mm D