

**Datablad**

**TV Explorer *HD+***

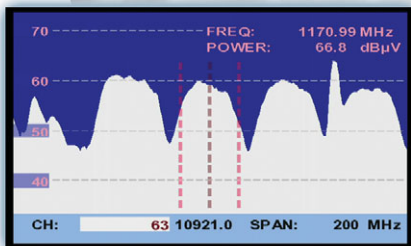
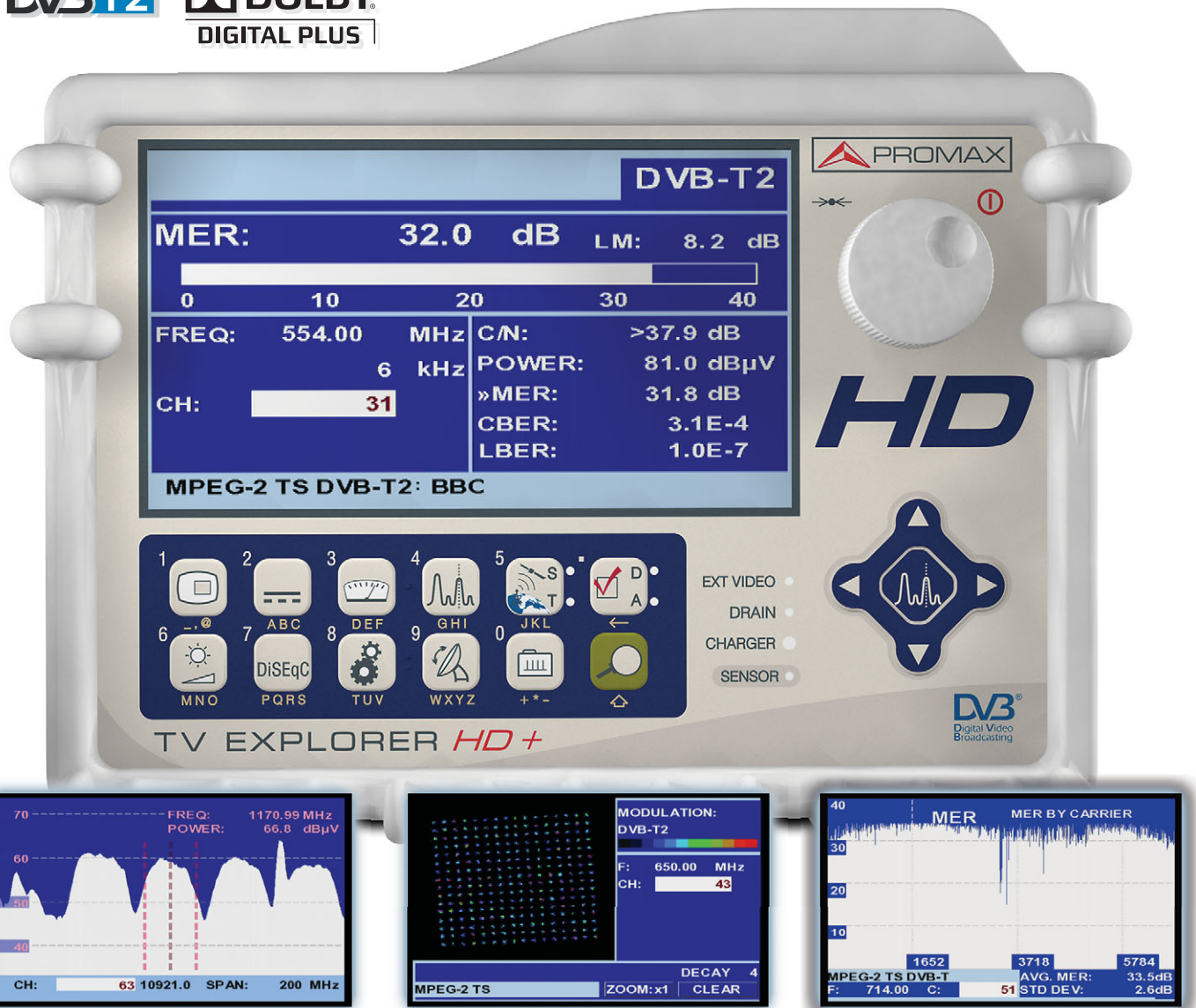
**High Definition TV Analyzer**



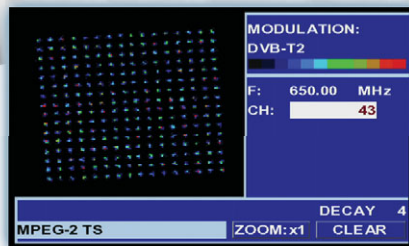
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## HIGH DEFINITION TV ANALYSER

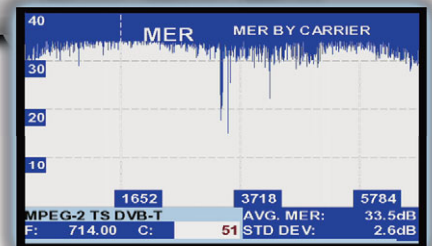
**DVB-T2** **DOLBY**  
DIGITAL PLUS



High resolution Spectrum Analyser with direct access keys



Constellation Diagram for all DVB systems (DVB-T2 and DVB-S2 included)



MER by carrier DVB-T2 and DVB-T

- ✓ Video decoding: MPEG-2 and MPEG-4 H.264 for 1080i, 720p and 576i
- ✓ Audio decoding: Dolby Digital Plus, AAC, MPEG-2 and MPEG-1
- ✓ Video formats: SD (standard definition) and HD (high definition)
- ✓ Screen formats: 16:9 and 4:3
- ✓ HDMI interface
- ✓ DVB-T2, DVB-T/H, DVB-C and DVB-S/S2
- ✓ CAM module (Conditional Access) for encrypted channels
- ✓ TS-ASI input and output



# HIGH DEFINITION TV ANALYSER

SPECIFICATIONS	TV EXPLORER <i>HD+</i>
<b>GENERAL</b> Frequency margin Tuning modes Channel plan Resolution 5-1000 MHz 950-2150 MHz Automatic search ( <i>Explorer</i> ) Analogue and digital signal identification Transport Stream parameters identifying	Continuous tuning from 5 to 1000 MHz and from 950 to 2150 MHz Channel or frequency (IF or downlink at satellite band) Configurable on demand  50 kHz < 200 kHz (span FULL-500-200-100-50-32-16 MHz) Threshold level selectable. DVB-T2, DVB-T/H, DVB-C and DVB-S2 selection Automatic Detection of Audio and video bitrate, Network ID and Service list
<b>VIDEO</b> Digital modulations Resolutions Video formats Colour system TV standard Aspect ratio	DVB-T2, DVB-T, DVB-H, DVB-S, DVB-S2, DVB-C 1080i, 720p, 576i MPEG-2, MPEG-4 H.264 PAL, NTSC, SECAM M, N, B, G, I, D, K and L 16:9, 4:3
<b>RF INPUT</b> Impedance Connector Maximum signal Maximum input voltage DC to 100 Hz  5 MHz to 2150 MHz	75 $\Omega$ Universal, with BNC or F adapter 130 dB $\mu$ V  50 V rms (powered by the AL-103 power charger) 30 V rms (not powered by the AL-103 power charger) 130 dB $\mu$ V
<b>DIGITAL MEASUREMENTS</b> DVB-T2/T/H (COFDM) DVB-C (QAM) DVB-S (QPSK) DVB-S2 (QPSK/8PSK)	Numeric and level bar Power, CBER, LBER, MER, C/N and Noise margin Power, BER, MER, C/N and Noise margin Power, CBER, VBER, MER, C/N and Noise margin Link Margin, Power, CBER, LBER, MER, C/N and Noise margin
<b>ANALOGUE MEASUREMENTS</b> Terrestrial bands Satellite bands	Level, V/A ratio, C/N ratio and FM deviation and demodulation Level and C/N ratio
<b>ADVANCED FUNCTIONS</b>	Dolby Digital Plus audio decoder Constellation diagram for DVB-T2, DVB-T/H, DVB-C, DVB-S and DVB-S2 Echoes analyser mode Built-in spectrum analyser with direct access keys Datalogger (measurements automatic acquisition and storage) for digital and analogue channels SAT IF test (IF distribution network response for satellite band) Attenuation test function (signal distribution network response for terrestrial band) DiSEqC generator and LNB supply Audio and Video recording and playing
<b>CONNECTIONS</b>	SCART, HDMI, TS-ASI (input and output), USB, Common Interface
<b>MECHANICAL FEATURES</b> Dimensions Weight	230 (W.) x 161 (H.) x 76 (D.) mm. Total size: 2,814 cm <sup>3</sup> 2.2 kg (without holster)