Sefram
Sefram

SEFRAM 7808

To fully check and guarantee your system's performances (DVB-S and DVB-S2) the 7808 will be your ideal companion.
Display SD* and HD* TV programs*

NEW
2010

Robust and easy to use

With only 5 keys on the front panel, you access directly to all measurements. We add a quick guide in the top cover to remind all functions and menus. The new rugged plastic housing is designed for extensive field use and protects sensitive parts of the instrument.

DVB-S and DVB-S2

The 7808 provides all measurements in DVB-S and DVB-S2. QPSK and 8PSK modulations are supported. The 7808 will provide the constellation diagram.

Fast checksat mode

The 7808 includes a very fast checksat mode for dish alignment. User with have a visual information combined with a beeper. This innovative feature reduce the waste of time.

SEFRAM
7808

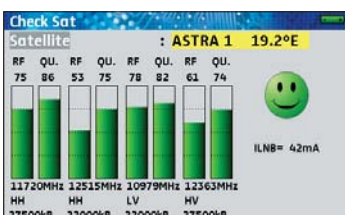## LCD colour display with display of MPEG-2 and MPEG-4 TV programs

The 7808 offers a bright LCD TFT display for measurements results and for free-to-air TV programs (MPEG-2 and MPEG-4).
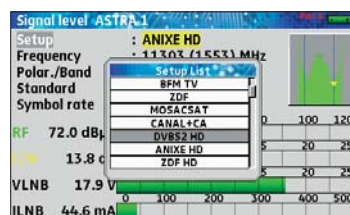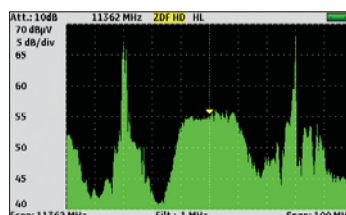
USB interface

The 7808 includes two USB interfaces for updating and getting the benefit of free firmware updates. They can be used to transfer data to a computer to create reports when you measurements campains are done.
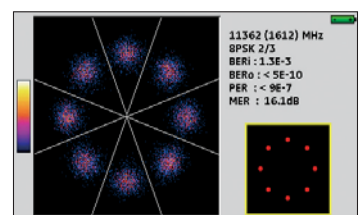
Checksat mode with NIT

Level measurement

Fast spectrum analysis

Constellation diagram

Sefram
INSTRUMENTS & SYSTEMES

Specifications — SEFRAM 7808

Specifications	SEFRAM 7808
Frequency	
Range	950-2150 MHz
Resolution	1 MHz
Level measurement	
Dynamic range	40-110 dBµV
Units	dBµV, dBmV, dBm, V
Accuracy	±2dB ± 0.05dB/°C
Resolution	0,1dB
Measurement filter	1MHz
Standards	PAL, SECAM, NTSC, DVB-S, DVB-S2, DSS
Spectrum analysis	
Sweep rate	350 ms typical, 400 points
Filter	1 MHz
Attenuator	automatic (0 to 60 dB with 10 dB steps)
Dynamic (display)	60 dB (10 dB/div)
Span	0, 5, 10, 20, 50, 100, 200, 500, 1000 MHz and full span
Measurement map	
Capacity	scrolling of 50 programs max.
Display	texte
Checksat mode	fast satellite search
	30 satellites max
	4 transponders per satellite, with NIT
Memory (non volatile)	
Data	frequency maps, measures, spectrum, constellation diagrams, echoes
Capacity	1000 files max.
Input / Ouput	
Interface	USB A and USB mini B
Power supply input	15V / 1A with 5.5mm jack
Remote supply	
Voltage	5/13/18/24V, 500 mA max (300mA max. for 24V)
DiSEqC	DiSEqC 1.2: dishes, committed and uncommitted switches
22 kHz (mini DiSEqC)	22 kHz / 0,6V cc
SatCR	DiSEqC protocole extension, 8 slots maximum
Mesures numériques	DVB-S / DVB-S2* / DSS
Error rate	CBER, VBER, UNC, LDPC*, BCH*, PER*
Modulation error rate(MER)	0-20dB
Symbol rate	1-45Ms/s
Viterbi rate	1/2, 2/3, 3/4, 3/5*, 4/5*, 5/6, 6/7, 7/8, 8/9*, 9/10* (auto)
Constellation	graphical display
Standards	ETS 300-421 / ETS 302 307
Audio and video decoding	
Audio	digital TV sound: AAC, HE-AAC, Dolby Digital, Dolby Digital Plus
Video	digital TV programs: MPEG2, MPEG4 576i, 720p, 1080i free to air
RF input	
Connector	75 Ohms (F type or BNC type with adaptors supplied)
Maximum input voltage	80 V DC, 80 Vrms./50Hz
General Specifications	
Display	TFT coloured LCD, 4.3 inches (16:9), with backlight
Power supply	main adaptor 100-240V, 15V DC / 1A output
Battery (non removable)	Lithium Ion, 10.8V/2.25Ah (life time 200 charge/discharge)
Autonomy	2 hours 15mn (typical) with HD TV picture and remote supply
Charging time	full charge of the battery in 2H15 (instrument switched-off)
Operating temperature	-5°C to 45°C
Storage temperature	-10°C to 60°C
EMC and safety	EN-61010-1, EN61326-A1 and A2, EN55022 (B)
Dimensions	200 x 190 x 100 mm
Weight	1,5kg

Supplied: main charger/adaptor, user manual on CD-ROM, F/BNC and F/F adaptor, carrying belt.
Optional accessories :   USB cable (A to mini B): P/N. 978551100
Car cigare lighter adaptor: P/N 978361000
F/F adaptor : P/N 213200015

Dolby Digital and Dolby Digital Plus are trade mark of Dolby Laboratories

CE

Sefram
INSTRUMENTS & SYSTEMES

AFAQ
ISO 9001
AFAQ N°1997/7001

32, rue Edouard Martel • B.P. 55 • 42009 - St Etienne cedex 2

0.15€ TTC/mn **0 825 56 50 50**

Fax. +33 (0).4.77.57.23.23
Web : www.sefram.fr • e-mail : sales@sefram.fr

For assistance and ordering