

combo look

COLOR

NEW
PRODUCT



Features

- Spectrum-analyzer 2-900MHz and 950-2150MHz
- Presents full range and expanded spectrum
- Very high accuracy, CATV $\pm 1\text{dB}$, SAT-TV $\pm 1\frac{1}{2}$ @ 20°C
- Super bright 5" 16:9 TFT-LCD color display
- DVB satellite-receiver 920-2150MHz
- Automatic Satellite identification
- Readout of NIT - gives SAT ID and TV/Radio-channel info
- Digital BER, QPSK and S/N-ratio
- DVB-S (Free to Air) and Analog TV-picture
- Aerial power output, 0, 6, 12, 18 and 24V
- LNB voltage 13/18V, 22KHz tone switch
- DiSEqC according to level 1.0, 1.1 and 1.2
- Lots of memory positions for spectrum pictures
- RS232 for PC-connection [up/download]
- Rechargeable Li-Ion battery
- Nice & small, only 4Kg complete with carrying case

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The COMBOLOOK COLOR is a Swedish made SAT-TV/CATV instrument and spectrum-analyzer. The unit is made for exact alignment and adjustment of satellite-dishes, aerial antennas. It is also an excellent tool for working with Cable-TV networks. It is intended for professional use when high accuracy and precise information are needed.

It's easily operated without a lot of unnecessary buttons and knobs. The basic functions are easy to get a hold on and takes only minutes to learn.

The instrument is provided with a 5" 16:9 LCD-monitor which either shows "Free to air" SAT-TV-channel (Digital or Analog), the frequency spectrum 920-2150 MHz (or parts thereof) alt. Digital data. Menus/help-displays are shown on the LCD-screen (64x128) beside the monitor.

SAT-TV: Free to air Digital (DVB-S) and Analog channels can be tuned in and viewed upon (Multistandard Video PAL, NTSC and SECAM). Audiofrequencies between 5.5 - 8.5 MHz can be listened to.

CATV: Analog and CATV channels can be tuned in and viewed upon.

The COMBOLOOK COLOR is able to work with the return-path signals in Cable-TV networks (5-65 MHz). according to the EN50083 standard. The TV-part presents the full range spectrum of 2-900 MHz which can be zoomed into smaller parts (min 13 MHz-span). The TV-part is very sensitive and accurate. It presents signals ± 1 dB (at $+20^\circ$ C).

The SAT-part also has very high resolution and accuracy.

It presents measured data $\pm 1 \frac{1}{2}$ dB (at 20° C). The Sat-TV spectrum can be expanded (zoom in) for correct adjustment of the polarisation ("cross-polarisation").

The SAT-part presents, under one of the sub menus, digital information like BER (bit error rate), constellation-diagram (QPSK) and S/N (signal/noise ratio).

The NIT function of the SAT-part can identify the various TV-satellites by reading out the NIT in the Bitstream (NIT = Network Information Table). The NIT also contains info about the transponders TV and Radio-channels.

COMBOLOOK COLOR can handle a lot of memory-positions and both spectrum-pictures and certain frequencies can be saved (both analog and digital transponders). The power of the instrument is supplied by a built in and rechargeable battery.

Technical specification.

Input frequency:	5-900 Mhz and 920-2150MHz.
Sat-TV min level in:	About 35 dBuV (noise).
Sat-TV max level in:	About 90 dBuV.
CATV max input level, picture:	110 dBV.
Spectrum:	120 dBV.
Sat-TV attenuation:	15 dB attenuator on/off.
CATV attenuation:	45 dB in 1 dB step.
Display of signallevel (analog):	dB on LCD/monitor. Pitch-tone.
Sat-TV accuracy:	$\pm 1 \frac{1}{2}$ dB (@ $+20^\circ$ C)
CATV accuracy:	± 1 dB (@ $+20^\circ$ C)
CATV resolution bandwidth:	1 MHz or 300 kHz.
CATV video bandwidth:	100, 10, 1 kHz or 100Hz
Sat-TV Digital display of signallevel:	S/N (signal/noise-ratio) BER (bit error rate) Constellation (QPSK)
Satellite-indentification:	Yes, by reading out the NIT in the Bitstream. Info about the TV and Radio channels.
TV standard:	Multi TV/ (PAL, NTSC, SECAM).
CATV text-TV (CEEFAX):	Yes.
KU- C-band:	Yes, selectable.
Input impedance:	75 Ohm, BNC-con.
Picture-screen:	5" 16:9 TFT-LCD monitor
Menus:	On LCD 64x128.
Memory:	Lots of spectrum pictures can be stored with name. Stored spectrum can be mixed for easy identification of satellite. "Maxhold"-function.
Favouritechannels:	Both analog and digital frequencies can be stored (with name).
PC-connection:	RS232-output and PC-software.
Sat-TV power out:	Yes, 13-18V.
CATV power out:	On/off. 15-24 volt.
Sat-TV control:	22 kHz, DiSEqC, SatScan Sat-Select-positioner.
DiSEqC	Yes, all 1.0 and 1.1. 1.2 Toneburst on/off.
DiSEqC actuator:	Built in positioner for DiSEqC 1.2, SatScan and SatSelect.
Battery:	Rechargeable 12v, 3.5 amp/hour.
Weight:	About 4 kg incl.battery.
Accessories:	Nylon carrying-case. Power-supply of 220v/13.5v, 1.7amp. Car-charger, BNC/F-adapters.



Distributor: