

emitor

# satlook

## Micro G 2



### Features

- Measure on two LNB's at the same time (920-2150MHz)
- Spectrum-analyzer with zoom function
- Automatic Satellite identification for faster installations
- Super bright 3" LCD display
- Very sensitive, easy to maximize weak and strong signals
- Digital BER, QPSK and S/N-ratio
- Readout NIT -gives Satellite ID and TV/Radio-channel info
- DiSEqC according to level 1.0, 1.1 and 1.2
- LNB voltage 13/18V, 22KHz tone switch
- Stores up to 99 memory positions
- RS232 for PC-connection (up/download)
- Built in, rechargeable battery
- Nice & small, only 1,5Kg complete with carrying case
- Made in Sweden

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## Micro G 2

The SATLOOK MICRO G2 is a swedish made SAT-TV instrument. The unit is made for exact alignment and adjustment of satellite-dishes.

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 3" LCD which either shows Sat-signal strength or Digital information.

The SATLOOK MICRO G2 is unique as it can measure satellite signal from two LNBs at the same time. Signal strength is presented graphical on the LCD-display in form of thermometer-scales. It can present pitchtones (the higher tone the better signal) on a loudspeaker.

This second generation of the MICRO, G2, can also present the Satellite spectrum, freq: 950-2150 MHz in different steps of resolution. This will make it very easy for the skilled installer to know what satellite he is receiving.

Further more the SATLOOK MICRO G2 show Digital information like BER (bit error rate), constellation-diagram (QPSK) and S/N (signal/noise ratio).

The NIT function 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.

SATLOOK MICRO G2 can store up to 99 positions of Satellite transponder information. The instrument can easily scan through the memory positions and identify the various Satellite transponders.

The polarisation of the LNB is switchable 13V/18V and the Hi-Lo band with 22 kHz-tone. The DiSEqC-function controls all DiSEqC-accessories (like switches, LNB's and actuators). The power of the instrument is supplied by a built in and rechargeable battery. Even though the instrument has a lot of functions it is still very light and flexible.

### Technical specification.

Input frequency:	920-2150MHz.
Sat-TV min level in:	About 35 dBuV (noise).
Sat-TV max level in:	About 100 dBuV.
Input/output impedance:	75 Ohm, F-connectors.
Measuring method (analog):	Spectrum analyzer Signal presentation on LCD -display in form of thermometer scales. Pitch-tone, highest tone on loud-speaker.
Measuring method (Digital):	BER (bit error rate) S/N (signal/noise-ratio) Constellation (QPSK)
Max-level:	Thermometer scales showing max. Maxhold function. BER, S/N and QPSK showing max.
Satellite-identification:	Yes, by reading out the NIT in the bitstream. Info about the TV and Radio channels.
Memory:	Up to 99 transponders can be stored with name.
Memory locks on:	FEC, Symbol-rate Frequency, 13/18v, 22kHz.
Memory search:	The instrument scans the memory positions and presents the matching transponders.
Presentation:	On LCD 3"
PC-connection:	Yes, RS232-output
Power out:	Yes, 13-18V.
22 kHz tone:	Yes, on/off.
DiSEqC:	Yes, all 1.0 and 1.1. Also Toneburst on/off.
DiSEqC actuator:	Built in positioner for DiSEqC 1.2, SatScan and SatSelect.
Battery:	Rechargeable 12v, 3.5amp/hour.
Operational:	About 1 hour on a fully charged Battery.
Weight:	1.5kg incl. battery & carrying case.
Accessories:	Nylon carrying-case. Power-supply of 230V13.5V, 1.7A Car-charger. BNC/F-adapter.