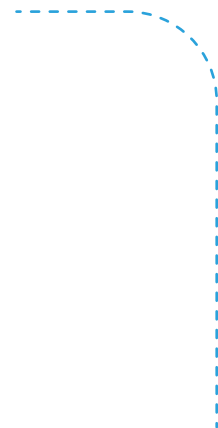


MOBILE TRACKER BT COMBO

SATELLITE, CABLE AND TERRESTRIAL DVB AND ANALOG
SIGNAL ANALYSER OPERATED BY MOBILE APPLICATION



FEATURES

- Support DVB-S / DVB-S2 / DVB-T / DVB-T2 / DVB-C / DVB-C2 / ATV
- LNB short-circuit protection and indicator
- Extremely fast and accurate with high sensitivity
- All DiSEqC protocol monitor based on 22KHz signal
- Signal lock audible notification
- Firmware can be upgraded by USB port
- Power-supply 100-240V/50/60Hz 12V@1A
- Ultra-long standby, low power consumption
- Fast charging Li-ion battery can last around 3 hours
- Long range of Bluetooth transmitter (15M)

DVB-S/S2

- Real time Spectrum-Analyser and transponder message detected
- Angle calculation of azimuth and elevation
- Azimuth and elevation measurement
- Satellite alignment system
- Power, CNR, CBER, VBER(DVB-S), LBER(DVB-S2) Modulation mode display
- DiSEqC1.0, DiSEqC1.2, USALS,SCD and SCD2 supported

DVB-T/T2

- Power, VBER(DVB-T), LBER(DVB-T2) SNR and CBER display
- Spectrum analyser

DVB-C/C2

- Power, CBER, PER(DVB-C/J83B), LBER(DVB-C2), SNR and Symbol Rate display
- Spectrum analyser

Specification

DVB-S/S2		
Identification	DVB-S	DVB-S2
Frequency Range	950MHz ~ 2150MHz	
Demodulation	QPSK	QPSK, 8QPSK
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8,	1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 5/6, 8/9, 9/10,
Symbol Rate	1~45MSPS	
Input frequency	950-2150MHz	
Input Impedance	75Ω	
Min.level in	35dBuV (noise)	
Max.level in	90dBuV	
LNB Power and Pol	Vertical 13V, Horizontal 18V, 300mA	
Bandwidth	C/Ku-band Selectable	
DVB-T/T2		
Identification	DVB-T	DVB-T2
Frequency Range	42MHz ~ 1002MHz	
Carriers	2k, 4k, 8k	1k, 2k, 4k, 8k, 8k+E, 16k, 16k+EXT, 32k,32k+EXT
Guard Interval	1/4, 1/8, 1/16, 1/32	1/4, 19/256, 1/8, 19/128, 1/16, 1/32, 1/128
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 3/5, 2/3, 3/4, 4/5, 5/6
Modulation	QPSK, 16-QAM, 64-QAM	16, 32, 64, 128, 256QAM
Bandwidth	6, 7 and 8 MHz	1.7, 5, 6, 7 and 8 MHz
DVB-C/C2		
Identification	DVB-C	DVB-C2
Frequency Range	42MHz ~ 1002MHz	
Symbol Rate	1.7~7.2	-
Bandwidth	-	6, 8MHz
Modulation	16, 32, 64, 128, 256QAM	16, 64, 256, 1024, 4096QAM
Analogue TV		
Identification	ATV	
Frequency Range	42MHz ~ 1005MHz	
Video Audio System	NTSC, M PAL, G PAL, N PAL, K PAL, L PAL, I SECAM, L ECAM, B SECAM, D	

SPECTRUM

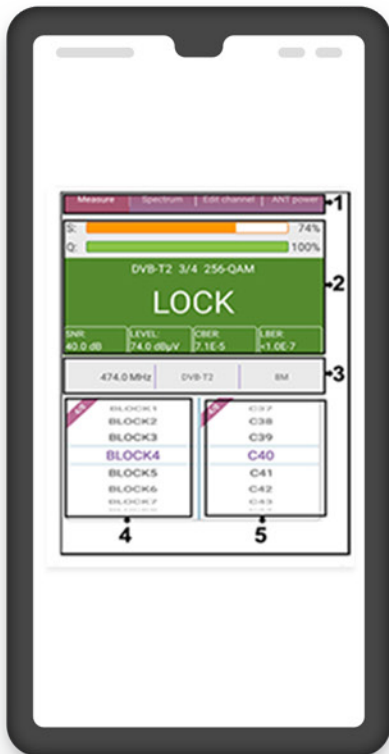
You can use your Android device to control your Mobile Tracker and check your antenna installation and cable network signal strength. You can export the data to a PDF. (See on page 4)



DVB-T

DVB-S

DVB-C



Example of an exported PDF data sheet

Measurement Report

Measurement Data: Thu May 21 09:55:02 GMT+02:00 2020

Satellite: Thor

Transponder: 12303 V 27500

Signal level: 95 %

Signal quality: 65 %

DVB-S2 8-PSK 5/6

CNR: 13dB PWR: 76.1dBuV CBER: 7.7E-3 LBER: <1.0E-9

LNB feed voltage: 14.3 V

LNB feed current: 108 mA

Antenna parameters

LNB type: Universal:9750-10600

Installation place: Budapest

LNB brand / model: Amiko L107

Dish size: 120 cm

Coax cable length: 30 m

Screenshots

