

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

The STC-23 allows to measure the TV signals at DVB-T/T2, DVB-S/S2, DVB-C installations. Readable menu will help the operation for any installer.



Output and input:	1 pcs F socket, 1 pcs IEC socket, 1 pcs mini USB, 1 pcs 2.1/5.5 mm socket
Display:	2.4 " TFT LCD
Frequency range:	• 42 MHz ... 1005 MHz - DVB-T / DVB-T2 / DVB-C, • 950 MHz ... 2150 MHz - DVB-S / DVB-S2
Signal level:	-20 ... -80 dBm
LNB power supply:	13 / 18 V
Switching between bandwidths:	0 / 22 kHz
DiSEqC:	DiSEqC 1.0, 1.1, 1.2, USALS systems support
Antenna powering:	5 / 12 V
Video signal test:	—
Programming and firmware upgrade:	via micro USB port
Battery power supply:	• Li-Ion battery 7.4 V / 2000 mAh • 12 V / 1 A (power adapter included)

Main features:	• Measurement of signal strength and quality • Signal indicator : LED display / Beep signal • Measurement of BER, MER • Spectrum measurement mode • LNB overvoltage protection • LNB indicator and short-circuit protection • Support for a satellite dish motor • UNICABLE technology support • Signal lock audible notification • Clear graphical interface • OSD menu full in Polish • Car charger included in the kit • Long standby time • Low power consumption • Compass • Flashlight built-in • Illuminated buttons • Anti-shock silicone case
Weight:	0.3 kg
Dimensions:	170 x 93 x 42 mm
Supported languages:	Polish, English, Spanish, Portuguese, Russian, French
Manufacturer / Brand:	Spacetronik
Guarantee:	2 years

Front panel:



Side view:



Top view:



Rear view:



OSD menu:





User Manual

Code: STC-23

UNIVERSAL METER **STC-23** DVB-T/T2 DVB-S/S2 DVB-C Spacetronik

Sat Setting	
Sat Name	ChinaSat 6B
Longitude	E 115.5
Lnb Freq	05150/05150
Lnb Power	13V/18V
22K	AUTO
Type	DiSEqC
DiSEqC	1.0 [3]
Motor	OFF

Sat Manage	
001	E 26.0 Badr
002	W 7.0 Nilesat 201
003	E 13.0 HotBird
004	E 52.5 YAHSAT
005	E 53.0 Express AM6
006	E 42.0 Turksat

[F1] Add [F2] Del [] TP [OK] Edit

Sat Manage	
013	E 9.0 Eutelsat 9
014	E 10.0 Eutelsat 10
015	E 16.0 Eutelsat 16
016	E 19.2 Astra 1
017	E 21.5 Eutelsat 21
018	E 23.5 Astra 3

[F1] Add [F2] Del [] TP [OK] Edit

Signal Scan	
SAT : ChinaSat 6B	PWR: dBuV
TP : 02 E 115.5	68.8
03700 V 10920	S/N: LOCK dB
LNB : 05150 05150	13.2
D1.0:3 FEC: 3/4	
D1.1: OFF BER: 0.0E	
S: 	76%
Q: 	52%

Motor Set		
Sat Name	TeiStar 18 -Ku	
Transponder	(9/17) 12345 V 43000	
Motor	DiSEqC 1.2	
Position N	1/64	
West	Save N	East
Auto West	ref to 0	Auto East
S: 	72%	
Q: 	86%	



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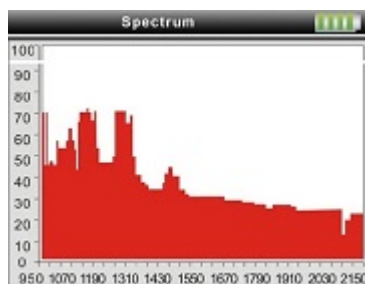
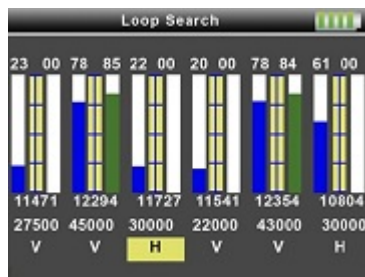
Motor Set

Sat Name	TeiStar 18 -Ku
Transponder	(9:17) 12345 V 43000
Motor	USALS
Local Longitude	W 3276.7
Local Longitude	S 3276.7

Goto X

S: 72%

Q: 86%



Tools

Satellite Name: ChinaSat 6B

Sat Longitude: E 115.5

Local Longitude: E 118.6

Local Latitude: N 24.9

Azimuth	Elevation	Polarization
187.33	60.68	-6.65

DVBT Setting

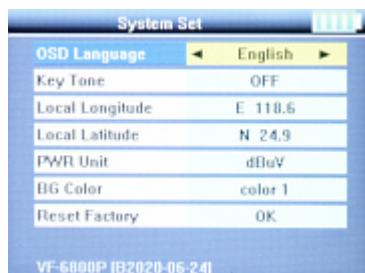
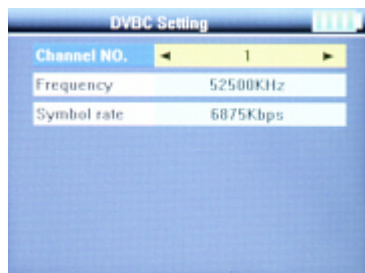
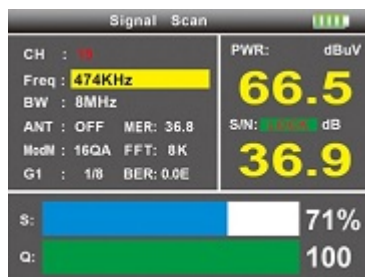
Country	Poland
Channel NO.	5
Frequency	177500KHz
BandWidth	7MHz
Antenna	OFF



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In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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