

# X FINDER

**Digital Satellite, Terrestrial & Cable Signal Measurement Tool, Media Player & Portable Set-Top Box**  
with Card Reader, Common Interface slot & Ethernet Connection



**BLIND SCAN**

**Full HD 1080**

S2 SATELLITE
T TERRESTRIAL
T2 TERRESTRIAL
C CABLE
MULTIMEDIA PLAYBACK
AVI
MKV
MPG
MP3
MP4
TS

audio and video codecs are subjects to availability\*

**Angle**

Satellite Longitude: W 004.0  
Local Longitude: E 000.00  
Local Latitude: N 00.00

Calculate

**Cable Installation**

Level: 90%  
Quality: 90%RF Level: -62dbm  
CIN: 10  
BER: OE  
MER: OE

**Terrestrial Installation**

Level: 90%  
Quality: 74%RF Level: -62dbm  
CIN: 10  
BER: OE  
MER: OE

**Satellite Installation**

1 AMOS1-2 4W (4.0 W)	LNB Type	Universal
2 THOR2-3.0 3W (0.8 W)	TP Index	11 10719 V 27500
3 BIRLING2-3 0E (4.0 E)	DISEqC 0	Disable
4 EUTEL_W3 7E (7.0 E)	DISEqC 1	Disable
5 HOTBIRD3 3.2E (3.2 E)	Master	Off
6 EUTEL_W2 16 (16.0 E)	LNB Power	13V11TV
7 EUTEL_W2 16 (16.0 E)		

**Constellation**

Frequency: 410723 MHz

RF Level: -66dbm  
CIN: 34  
BER: OE  
MER: OE

**Search**

1 141 HD	1 Kosouth Radio
2 30 HD	2 Petrol Radio
3 Duna World	3 Bartok Radio
4 Duna HD	

Information: 1667  
12 600000 8000: Failed  
13 600000 8000: Failed  
14 614000 8000: OK  
15 620000 8000: OK

**Spectrum**

97.6MHz-66dbm

**Main Menu**

<b>CI</b> COMMON INTERFACE	<b>CONOX</b> CARD READER	<b>SPECTRUM ANALYZER</b>	<b>45°</b> ANGLE CALCULATOR	<b>2GB</b> INTERNAL MEMORY	<b>5.5AH</b> BATTERY	<b>USB 2.0</b> USB 2.0 CONNECTION	<b>ETHERNET</b> ETHERNET CONNECTION	<b>RCU</b> RCU INCLUDED	<b>WiFi</b> USB WIFI SUPPORT	<b>HDMI</b> HDMI OUTPUT	<b>RCA</b> RCA IN & OUTPUT
<b>USBS</b>	<b>DISEqC 1.0, 1.1, 1.2</b>	<b>AUTO DISEqC 1.0</b>	<b>UNICABLE</b>	<b>BER</b> BIT ERROR RATE DISPLAY	<b>MER</b> MOD. ERROR RATIO DISPLAY	<b>dBm</b> RF LEVEL DISPLAY	<b>EASY SETUP</b>	<b>MULTI LANGUAGE</b>	<b>EASY DATABASE TRANSFER</b>	<b>MULTIMEDIA PLAYBACK</b>	<b>7"</b> 7 INCH SCREEN



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with Card Reader, Common Interface slot & Ethernet Connection



**Main Features**

- Satellite, Terrestrial & Cable Signal Measurement
- 1 Card Reader & 1 Common Interface
- Blind Scanning
- Satellite Spectrum Analyzer
- Satellite Dish Angle Calculator
- Full Feature Portable HD Set-Top Box
- Internal 2Gb Storage
- Full HD Digital Video Output through HDMI
- Multimedia Playback (MKV, AVI, MPG, MP3, MP4, etc...)
- RCA In & Output for External Video Sources & Displays
- Easy Database Management and Transfer via USB
- Dynamic Error Rate Calculation & Display
- Automatic DiSEqC 1.0 configuration detection
- Unicable & DiSEqC 1.0, 1.1, 1.2 & USALS support
- Ethernet Connection & USB WiFi Support
- 5.5Ah Battery with Life Up to 7 Hours
- Remote Control & Car Charger included
- Easy Software Upgrades through USB & Internet



**Technical Specifications:**

**System Resources**  
Main Processor: 400MHz  
Flash Memory: 8Mb  
DDR SDRAM: 128Mb  
Internal Storage: 2Gb (FAT16)

**Satellite Tuner**  
Tuner Type: DVB-S / S2  
Input Connector: F-Type (Female)  
Loop Through: F-Type (Female)  
Frequency Range: 950MHz ~ 2150MHz  
Signal Level: .65 to .25dBm  
LNB Power & Polarizations:  
Vertical: +13V / +13.5V  
Horizontal: +18V / +18.5V  
Current: 300mA  
Overload Protection  
Frequency: 22±1 KHz  
Version 1.0, 1.1, 1.2, USALS  
Amplitude: 0.6±0.2V  
QPSK, BPSK  
2-45Mbps, Convolution Code Rate  
1/2, 2/3, 3/4, 5/6, 7/8, 1/4, 1/3, 2/5, 3/5, 4/5, 8/9, 9/10 and Auto

22KHz Tone:  
DiSEqC Control:  
Demodulation:  
Input Symbol Rate:  
FEC:  
Auto

**Terrestrial Tuner**  
Tuner type: DVB-T / DVB-T2  
Input Connector: IEC-Type (Female)

Loop Through:  
Signal Level:  
FEC:

Input Frequency:  
Constellation:  
Guard Interval:  
FFT Mode:  
Channel Bandwidth:  
Antenna Power Output:  
Demodulation:  
Number of Carriers:

**Cable Tuner:**  
Tuner type:  
Input Connector:  
Loop Through:  
Frequency Range:  
Signal Level:  
Bandwidth:  
Demodulation:  
Input Symbol Rate:

**Power Supply:**  
Input Voltage:  
Battery:  
Battery Charging Time:  
Battery Discharging Time:

IEC-Type (Male)  
Nordig Compliant, DBOOK Compliant  
DVB-T: Viterbi + Reed Solomon 1/2, 2/3, 3/4, 5/6, 7/8  
DVB-T2: LDPC + BCH 1/2, 3/5, 2/3, 3/4, 5/6  
47 ~ 862MHz  
QPSK, 16QAM, 64QAM, 256QAM  
1/4, 1/2, 2/5, 1/8, 1/9, 1/25, 1/16, 1/32, 1/128  
1k, 2k, 4k, 8k, 16k, 32k normal and extended  
6 / 7 / 8 MHz  
5V (50mA max.)  
COFDM 2K/8K  
1705 / 6817

DVB-C  
IEC-Type (Female)  
Loop Through:  
Frequency Range:  
Signal Level:  
Bandwidth:  
Demodulation:  
Input Symbol Rate:

14.5V DC (4A)  
11.1V (5.5Ah)  
~3.5 Hours  
~6.7 Hours

**MPEG TS AV Decoding:**  
Transport Stream:  
Input Rate:  
Aspect Ratio:  
Video Decoding:  
Video Resolution:  
Audio Decoding:  
Audio Mode:  
Sampling Rate:

**AV & Data Input / Output**  
A/V In/Out:  
HDMI:  
USB Host:  
USB Slave:  
Ethernet:  
RS-232C:

**Physical Specifications:**  
LED Display:  
Size (WxHxD):  
Net Weight:  
Operation Temperature:  
Storage Temperature:  
Storage Humidity:

MPEG-2, H.264  
Max. 120Mbit/s  
4:3, 16:9  
MPEG-2, MP@ML, MPEG-4 Part 10 / H.264  
720x480p, 720x576p, 1280x720p, 1920x1080p  
MPEG-1 layer III, MPEG-2 layer II, Dolby Digital, Dolby Digital Plus  
Left / Right / Stereo / Mono  
32, 44.1 and 48KHz

CVBS Video Input / Output  
Audio L/R Input / Output  
Ver1.3 (Type-A)  
Type-A (High Speed USB2.0) slot  
Mini USB (Type-B)  
RJ45 (10/100M)  
3.5mm Jack Type  
Transfer Rate: 115.2Kbps

7 inch  
242mm x 160mm x 46mm  
<2Kg  
0°C ~ 45°C  
-10°C ~ 70°C  
5% ~ 95% RH (Non-Condensing)

