

NEO combo

Full HD Digital Satellite & T2 Terrestrial / Cable Receiver
With Conax Embedded Card Reader



FAST SCAN
EASY INSTALLATION

eco
<0.5W
Power Consumption
in Stand-By mode

RoHS
COMPLIANT

YouTube
VIDEOS

RSS READER

weather forecast

conax

USB
Wi-Fi
support

2
HIGH SPEED
USB

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

2
YEARS
WARRANTY

Full HD
1080

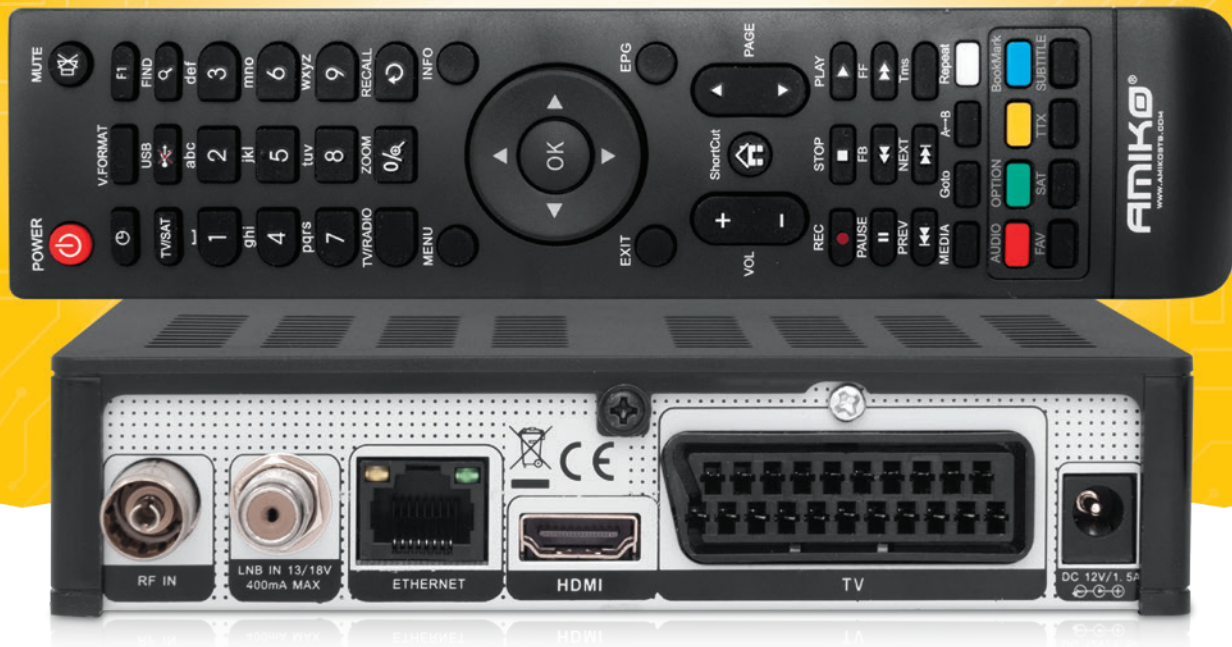
DC 12V

RETRO
Games

- One Conax Embedded Smart Card Slot
- 2 High Speed USB 2.0 Connection Support
- TimeShifting Support
- Ethernet Connection Support
- USB Wifi Support
- YouTube Support

- RSS Reader & Weather Forecast
- MKV, AVI, MPG, MP4, TS, VOB, JPEG & MP3 Playback Support
- Software Upgrade via USB
- Dolby Digital Bit-Stream out via HDMI
- Low Power Consumption in Stand-By

Specifications are subject to change without notice



TECHNICAL SPECIFICATIONS

Tuner & Demodulation

Tuner type:	DVB-S / DVB-S2
Input connector:	Female F-Type connector
Signal level:	-65 to -25dBm
LNB power & polarization:	Vertical: +13V / +14V Horizontal: +18V / +19V
Current:	Max. 400mA Overload protection
22KHz Tone Frequency:	22±1KHz
DiSEqC Control:	Version 1.0, 1.1, 1.2, USALS
Demodulation:	QPSK, 8PSK
Input Symbol Rate:	2-45 Mbps,
FEC:	1/2, 2/3, 3/4, 5/6, 7/8 and Auto

Tuner Type:

DVB-T2 / DVB-T / DVB-C

Frequency Range:	48MHz~862MHz
Bandwidth:	VHF/UHF: 6MHz, 7MHz, 8MHz
Input Impedance:	75Ω
Input Level:	between: -80.0dBm and -20.0dBm
Input Symbol Rate:	1.0 - 7.0Ms/s
Noise Figure:	6 dB
Max Frequency offset:	50KHz
Active ANT Power:	DC 5V at max 75 mA, Overload protection
Demodulation:	COFDM
Transmission mode(FFT):	1k, 2k, 4k, 8k normal and extended, 16k normal and extended, 32k normal and extended.
Constellations:	QPSK, 16-QAM, 64-QAM, 256-QAM Both rotated and non-rotated
Guard intervals:	1/4, 19/256, 1/8, 19/128, 1/16, 1/32, 1/128
Code rate:	DVB-T: Viterbi + Reed Solomon 1/2, 2/3, 3/4, 5/6, 7/8. DVB-T2: LPDC + BCH 1/2, 3/5, 2/3, 3/4, 5/6.
Reed Solomon:	204, 188, t=8
Scattered Pilot Pattern:	PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8
Diversity:	SISO/MISO
FEC Frame length:	64800 bits, 16200 bits
DVB-T2 Input Profiles:	Input Mode A-Signal PLP, input Mode B-Multiple

PLPs(Common PLP, Type 1 and 2 up to the maximum allowed figure 255)	
Interleaving:	Bit + Cell + Time + Frequency
Mode of Extensions:	Future Extension Frame(FEF)

MPEG TS A/V Decoding

Transport Stream:	MPEG-2, MPEG-4 (H.264)
Input Rate:	Max .120Mbit/s
Aspect Ratio:	4:3, 16:9, Letter Box
Video Decoding:	MPEG-2, MP@ML, MPEG-4 part 10/H264
Video Resolution:	720*480P/I, 720*576P/I, 1280*720p, 1920*1080i/p
Audio Decoding:	MEPG-1 layer I/II, MPEG-2 layer II, Dolby Digital
Audio Mode:	Left / Right / Stereo/ Mono
Sampling Rate:	32, 44.1 and 48KHz

System Resources

Main Processor:	608MHz based CPU
Flash Memory:	16MB
DDR RAM:	256MB DDRIII 1600MHZ

A/V & Data Input/Output

SCART:	Video RGB/CVBS output, Audio L/R output
HDMI:	Type A, Ver 1.3
LAN:	10/100M RJ-45 connection
USB:	Two high speed USB2.0 connections
IR IN:	External IR connection (jack type)
S/PDIF:	Coaxial Digital Audio or Dolby Digital Bit Stream output

Physical Specifications

Size[W*H*D]:	146mm*111mm*33mm
Net Weight:	0.25 Kg
Operation Temperature:	0°C~+45°C
Storage Temperature:	-10°C~+70°C
Storage Humidity:	5%~95% RH (Non-Condensing)

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