

Satellite & Terrestrial Set-Top Box



Linkbox 8000HD Local Premium Satellite & Terrestrial HD Receiver

1. Key Features

- Dual Input (Satellite and Terrestrial)
- WiFi Support
- ATSC High Definition
- Ethernet interface- Firmware, data updating
- BISS CAS Embedded
- Operate with SMS Control System
- Twin USB PVR ready -PVR/Time-shift/updating
- UHF Ready(U-50 Kit Optional)
- SPDIF Output (Digital Audio Output)

2. Main Features

- Fully Compliant of DVB-S & DVB-S2(QPSK/8PSK/16APSK/32APSK) Digital & DVB broadcasting
- MPEG2 and support MPEG4 AVC/H.264
- High Definition Video output : HDMI1.2(HDCP) and Y Pb Pr
- Video output resolution: 480i/p 576i/p 720p 1080i,1080p
- Audio Decoding :ISO/IEC 13818-3
- Satellite Tuner, 950-2150 MHz input Frequency (IF Loop Throughout),Symbol rate 1~45Msps
- ATSC Mode :8/16-VSB,ITU-T J.83 AnnexB 64/256QAM
- ATSC Frequency range :43MHz to 1002MHz
- Very fast Smart Search(Blind Scan)
- Flexible reception of SCPC & MCPC from C/Ku-Band Satellites
- Demodulation : QPSK/8PSK/16APSK/32APSK
- Twin USB PVR ready
FAT16/FAT32/NTFS,Format function ,Recording,Playback,EPG Time record,Time shifted recording
- USB 2.0 Host Interface(Rear Panel)- JPEG Photo Album, MP3 and Firmware Update
- Integrated USB2.0(Host) to support PVR
- Multimedia files playback by USB2.0(BMP/JPG/Ogg/MP3(option))
- Satellite Scan-Simultaneous Scan,Manual PID/Satellite & TP/Network Scan
- Supports DVB subtitle
- 10000 Channels TV & Radio Program
- Timer setting supports automatic Turn-ON and OFF daily
- User-friendly EPG(Electronic Program Guide)
- Multi language on screen menu(OSD)
- True full Color(32bits) on screen display(OSD)
- Powerful Channel Editing Function(Favorite,Move,Find,Sort,Delete,Skip,Lock,Edit,Create)
- Automatic PAL/NTSC Conversion
- 8 Favorite List
- PIG (Picture In Graphic) ,Zoom Function
- Screen Format : auto,4:3,16:9
- Software Upgrade through USB ,Ethernet and RS-232C (Receiver to Receiver, PC to Receiver)
- Hardware Copy Protection
- Multiple LNB switching control :Diseqc 1.0/Diseqc 1.2 and USALS Compatible
- Management Subscription

2. Specifications

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Satellite & Terrestrial HD Receiver



Satellite Tuner

Input Connector	F-type,IEC169-24
Frequency Range	950MHz to 2150MHz
Input Level	65 dBm~-25 dBm
LNB Power/ Band Switch	14V/19V (400mA Max)/ 22KHz tone
Symbol Rate	1 to 45Msps.(SCPC,MCPC)
DiSEqC	Diseqc 1.0,1.2 & USALS Compatible
Demodulation	DVB-S/S2, QPSK/8PSK/16APSK/32APSK
Viterbi Decoding Rate	1/2,2/3,3/4,5/6,7/8

ATSC Tuner

1RF Input Connector	F-Female,IEC169-24, Loop-through output
Frequency Range	43MHz to 1002MHz
Sensitivity	10dBm ~ -84dBm (ATSC 15dB SNR)
IF Frequency	Low IF 4~8MHz , 36,44MHz
mode	8/16-VSB,ITU-T J.83 AnnexB 64/256QAM

Transport Stream A/V Decoding

Demultiplex	13818-1(System Layer)
Input stream	Max. 90Mbit/s
Aspect Ratio	4:3(default), 16:9 letterbox
Video/Audio Decoding	H.264 Full HD Decoding/ISO/IEC13818-3 Digital Audio Decoding
Video Resolution	480i/p or 576i/p, 720p, 1080i,1080p
Video Output	HDMI (HDCP), CVBS,YPbPr
Audio Mode	Single Channel /Dual Channel, Stereo, Joint Stereo

Main CPU & Memories

CPU	Ali M3606 (398MHz),Dual High performance 32bit CPU
Flash Memory	4 Mbyte
External Memory Interface	1Gb DDR2 800MHz SDRAM(128 Mbyte)

Data port

Connector	9 Pin D-Sub Type
Protocol/Data Rate	RS232 Asynchronous /Max. 115200 bps

A/V output

Digital output	HDMI(HDCP), YPbPr,SPDI/F(Digital Audio Output)
RCA A/V	CVBS,Audio Left.Right ,Component(Y,Pb,Pr)

Rear Panel

HDMI / 6RCA	HDMI 1.2 (HDCP option) , Type A /Video, Audio L, Audio R, YPbPr
SPDI/F	Optical output
1 Satellite /1ATSC Tuner	1 input & 1 Loopout
RJ-45+USB /UHF	Ethernet+USB2.0 /Stereo Jack
Data Port	9 Pin D-Sub Type (Skew Control Kit Optional)
Power Switch	Rocker Switch

Front Panel

7 Key	PWR,CH Up/Down, Volume Up/Down,Menu,Ok
Display	4 Digit 7 Segment Display
USB	1 Host USB2.0

Remote Control

Type	IR RCU
Battery	2x1.5V AAA Type

Power Supply

Input Voltage	AC 90-250V, 50/60Hz / Max. 20Watts
Type	SMPS ,AC Plug

Physical Specification

Operating temp.	0 ~45
Dimension (WxDxH)/Weight	260mm x 153mm x 45mm /1.1Kg

* All specifications are subject to change without any notice in advance.