



HD Digital Satellite Receiver

ZDX-670

User's Manual

Keep this manual for future reference

General Safety

This STB has been manufactured to meet international safety standards.

Please read the following safety precautions carefully before you operate the STB.

To avoid fire, electric shock or damage:

Do not expose the receiver to rain, humidity or water. Do not put utensils

full of water on the receiver, such as vase;

The plug of this unit is used as disconnection device, electric socket shall be installed near the unit for easy disconnecting operation;

Put the unit in dry and ventilate place. To avoid overheating, do not cover the ventilation slots;

Do not try to open it. Inspection and repair can be done only by authorized staff. Any assistance please contact the local distributor.

MAIN SUPPLY Use only 100-240V AC 50/60Hz

CABLE Use standard certified cables to prevent any malfunction of the STB

- LOCATION Locate the STB indoor. Locate STB away from potential hazards such as houseplants, lightning and direct sunlight
- CLEANING 1. Always disconnect the STB power cord from the wall socket before cleaning it

2. Use soft damp cloth (no solvents) to dust the STB

OVERLOADING Do not overload wall outlets, extension cords or adapters.

These can cause fire or electrical shock.

VENTILATION 1. NEVER block ventilation slots of STB

2. NEVER place the STB on soft furnishings or carpets.

3. Ensure that a free airflow is maintained around the STB.

4. Do not use or store the STB where it is exposed to direct sunlight or near a heater.

5. NEVER stack other electronic equipment on top of the STB.

LIQUIDS Keep liquids away from the STB

SMALL OBJECTS Coins or other small objects must be kept away from the STB.

They can fall through ventilation slots of the STB and cause serious damage.

ATTACHMENTS Do not use any attachments that are not recommended. These may cause hazards or damage the equipment.

CONNECTION Before connecting or disconnecting the cable from the antenna to the STB, disconnect the STB from the mains

supply. Failure to do so can damage the TUNER.

EARTHING The cable must be earthed to the system earth for the aerials.

The earthing system must comply with SABS061.

- **LIGHTNING** 1. The STB must remain connected at all times to the main power supply.
 - However, the manufacture instructions for safeguarding other equipment connected to STB, TV set, etc., must be followed during lightning storms.
 - Ensure lightning protection devices for the terrestrial antenna, mains and Tuner are installed.

REPAIR 1. Do not attempt to repair this product by yourself

- 2. Refer all repairs to qualified service representatives.
- Do not expose the receiver to rain, humidity or water. Do not put utensils full of water on the receiver, such as vase;
- The plug of this unit is used as disconnection device, electric socket shall be installed near the unit for easy disconnecting operation;
- Put the unit in dry and ventilate place. To avoid overheating, do not cover the ventilation slots;
- Do not try to open it. Inspection and repair can be done only by authorized staff. Any assistance please contact the local distributor.

Packing Accessory List

Please check that whether all of following items are included in the package

- Digital Satellite Receiver
- Remote Control Unit
- Two AAA Size Batteries(for remote control)
- User's manual

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Front Panel



【CH ▲ ▼ 】 ① ②

To change channels up / down.

To move up or down highlight bar cursor for selecting options on the menu.

【VOL ◀ ▶】 ③ ④

To increase or decrease the volume levels.

[OK] (5)

To confirm the menu you choose or enter the item you selected.

[MENU] 6

To display the main menu on the screen or return to the previous menu.

[STANDBY] ⑦

Switch between operation and standby mode.

[SMART CARD SLOT] (8)

Input the smart card into this slot.

Rear Panel



- **1. LNB IN:** Connect this port to a terrestrial antenna via coaxial cable.
- **2. LOOP OUT:** It is for connection of another STB to your STB.

- **3. USB:** Connect this port to USB memory disk.
- 4. HDMI: Connect this port to TV via HDMI cable.

5. CVBS: Connect this port to the corresponding video signal input port of TV or VCR.

6. A-R: Connect this port to the corresponding audio (R) signal input port of TV or VCR or Hi-Fi audio system.

7. A-L: Connect this port to the corresponding audio (L) signal input port of TV or VCR or Hi-Fi audio system.

8. ON/ OFF: Power on / off switch.

9. 100V-240V 50/60Hz: Connect to 100V-240V voltage 50Hz range AC power.



ЕКОТЕСН**)**

Remote Control Unit

KEY	FUNCTION	
U To turn your STB on/off (standby)		
MUTE	To temporarily cut off the sound	
	Use to select the channel and enter the channel	
0-9	information and set the PIN Code	
RECALL	To play previous service	
	To display the main menu on the screen or return to the	
MENU	previous menu	
EXIT	To exit the menu or the screen	
ОК	To confirm the menu you choose	
PAGE		
UP /	rum page forward of backward	

DOWN		
VOL UP/		
DOWN	To increase or decrease volume levels	
	To change channels up / down	
▲ ▼	To move up or down highlight bar cursor for selecting	
	options on the menus	
4 Þ	To increase or decrease volume levels	
EPG To display the TV/RADIO program guide		
FAV	Go to favorite channels list	
INFO	To display the program information on the screen	
	Select Audio Language or Audio Track(including Left,	
AUDIO	Right, Stereo).	
	To select the subtitle / teletext Language list for the	
506	current Channel.	
тхт	To show the teletext menu	
	To start the Time-shift function or temporarily pause	
PAUSE	playing	
TV /	To switch between TV program and RADIO only	
RADIO	receiving mode	
PLAY	Play the Playback, MP3 or Picture file lists on the disk	
PIG	Picture in Graphic	
REC	To start record	

STOP To stop PVR or Time-shift	
APPL	Go to Playback, MP3 or Picture file lists on the disk
FF	Fast Forward
REW	Review
Other	Reservation

STB Connection

How to connect your STB to various systems?

Consult your local supplier for assistance in setting-up your system best suited to your

requirements.



1. Connect the signal line to STB

Before searching channels, you should connect the signal line to the port of LNB IN on your STB.

2. Connect STB to a TV set

For watching TV programs, you should connect your STB to a TV set. There are three 3

kinds of video interfaces for your choice.

AV Interface

You can use an AV cable (Video Jack) to connect the ports of (CVBS + A-L + A-R) on your

STB, according the corresponding line colors.

■ HDMI Interface

You can use a HDMI cable to connect the port of HDMI on your STB.

3. Turn on the power and search channels

For watching TV programs, you should search channels firstly.

For detail, refer to the chapter of Channel Search.

4. Loop Through

If you have another analogue or digital STB and you wish to use the same LNB, you can connect it via the loop through. Connect one end of coaxial cable to the LOOP OUT on the STB and connect the other end to the LNB IN on your second STB.

Channel Search

After connect the STB to all peripheral devices and turn on the power of your STB and other devices, you can begin to search the channels. There are three ways to search the channels:

Search one Satellite, Blind Scan and Search one TP.

If the **Parental Lock** is **ON**, you need to input your PIN when you enter **Installation**, refer to **Parental Control.**

1. Easy Installation



In Easy Installation Interface, you can choose one or more satellites/TPs to scan, and you can

edit them before scanning.

Easy Installation Manual Installation Blind Scan	Installation 19.02.2014	4 23:44 001 Amazonas(c) 002 Amazonas(iu) 003 AMC 6(ku) 004 Bresiliat 83(c) 005 Bresiliat 84(c) 005 Teitar 14R(ku) 007 Galaxy 11(ku) 009 Galaxy 20(c) 009 Galaxy 20(c) 009 Galaxy 21(c) 009 Galaxy 11(ku) 010 Hispaat 12/10/1E(ki 011 Inteliat 18(c)	Ency Installation 19.02.2014 23:59 Arriazonas(ku) LNB: Uni9750/10600 Lub Power: 0N Fusi 10726 V 30000 DisEqt: OFF Motor: OFF
∕▲ ▼ Change Ite	m MEND Back CONT Select	012 Intellaat 1R(ku) ■ Scan ● Edit / ◄ ► Page Up/D	TP own Multi-Select

Multiple-Satellite Selection:

- Press ▲ or ▼ button to change satellites.
- Press **OK** button to select or cancel one or more satellite.
- After chose, press (red) Scan button to begin scan satellite(s) that you have chosen.

Satellite	Satellite 7	Satellite	Satellite 7	
тр	12530 H 41250	TP	12530 H 412	50
LNB	9700/10750	LNB Blind Sca		
Diseqc 1.0	DisEqc B	Disequ	- AU	
Longitude	W 15.0	Longitu	e All	
22KHz	Auto	22KHz Polarizati	an ALL	
Lnb Power	ON	Lnb Pox CAS Syst	em ALLCA	
1 080		1 075		

Satellite Setup:

You can also edit satellites before scanning:

- Press (green) Set up button to switch Satellite-Setting Interface of that you focus.
- Read the help-bar on the bottom of screen to operate. Here you can change TP, LNB, DisEqc, 22k or LNB power.
- If you don't know how to set this satellite, press blue button to start blind scan.



Multiple-TP Selection and Edition:

STB provides you search TP(s) as well:

- Firstly, press (yellow) TP button to switch TP list of the satellite you focus.
- After that, you can Read the help-bar on the bottom of screen to Add, Edit or Delete TP(s).
 Multiple selection can use **OK** button.
- Finally, press (red) Scan button to begin scan TP(s) that you have chosen.
- Press INFO button, you can add a program. You should type PCR PID, Video and Audio
 PID and then choose types of video and audio. Besides, you can name this program

More Functions

We provide more functions in STB, such as rename satellite(s). You can enjoy them with pressing color buttons in your remote control and get help info in help-bar at the bottom of screen.

2. Manual Installation



In Manual Installation, you can Edit, Delete or Add Satellites to install.

Adjust Dish

Specially, you can press **OK** button to switch Install a dish Interface. Here you can adjust your dish and check the quality and intensity of signal. Then press • (red) button to begin scan directly.

For more operation-hints, you can read the help-bar on the bottom of screen

3. Blind Scan

Satellite	🥌 🤇 Satellite 7 💦 🔊	Satellite	< Satellite 7
тр	12530 H 41250	ТР	aAmazonav(c)
LNB	9700/10750	LNB	Amazonas(ku)
Diseqc 1.0	DisEqc B	Diseqc 1.0	AMC 6(ku)
Longitude	W 15.0	Longitude	Brasilsat B3(c)
22KHz	Auto	22.KHz	Brasilsat B4(c)
Lnb Power	ON	Lnb Power	ON
1 058		1 075	

In Blind Installation, you can press **OK** button to show satellite list while focusing first item. Then you can press ▲ or ▼ button to select any satellite you needed.

If the Process Bar I and Q are full enough, press • (blue) button. STB will scan all TPs in this satellite under the conditions you set before blind scan. After scan, STB will automatically store the scan result.

Basic Operation

Here are some basic operations for you to control STB. While watching program, you can reference following functions.

1. Information Panel

You can obtain multiple information of the channel you are watching. To achieve to this, you can press **INFO** button while watching. For more detailed information, you can press twice **INFO** button.



2. Change Channels

To change channel, you can follow these steps:

- Press numeric button **1~9** on the Remote Control Unit to directly choose channel you need.
- Press ▲ or ▼ button to change PREVIOUS or NEXT channel.
- Press **TV/Radio** button to switch each kind of channel.
- Press **RECALL** button to return to previous channel.

3. Volume Control/Mute

- Press the VOL Up/Down button or ◀ ► button, to adjust the volume level.
- Press MUTE button to temporarily cut off the sound. To recovery, you can press MUTE

button again or press **VOL Up/Down** (as well as ◀ ▶) button.





4. Soundtrack



If you want to change the Audio Language and sound-track of current channel, press **AUDIO** button.

- Press ▲ or ▼ button to select changing Audio Language or Audio Tack.
- Press ◀ or ▶ button to change the Effect of sound.
- Press **MENU** or **EXIT** button to save and exit.

5. All Channels



To access to All Channels, you can press **OK** button while watching program. In this interface, you can organize channels in several ways.

Here are some information for you to fast find all functions in All-Channels Interface. This may help you operate more accurately and faster.

Functions	Description
Satellite	Change channel list in a certain satellite
Sort	Sort channels by different conditions
Favourite	Mark any channel with a specific tag
FavList	Sort channels by tags
Find	Fast find any channel

Detailed introductions are listed here:

Satellite



In the Interface of All Channels:

- Press (red) button to call a dialog to get a list of channels in a selected satellite.
- Press ▲ or ▼ button to change a selected item.
- Press **OK** to make sure your choice.
- Press (red) button again if you want to cancel.

HINT: Program 1~7 are preset, they are always in the list!

Sort



In the Interface of All Channels, you can choose how to sort channels.

- Press (green) button to call a dialog to change classification method.
- Press ▲ or ▼ button to change a selected item.
- Press **OK** to make sure your choice.
- Press (green) button again if you want to cancel.

HINT: Program 1~7 are preset, they are always in the list!

Favourite



In the Interface of All Channels, you can press (yellow) button to call a sub-interface. In this sub-interface, you can mark any channel with a specific tag. After marking, you can sort channels with any one of the eight tags.

- Press ▲ or ▼ button to change the selected channel.
- Press numeric button 1~8 to mark selected channel with a different tag. Press the same button again can cancel the tag.

- Press **MENU** button to cancel or save changes.
- Press (yellow) again here, you can access to Favlist-Interface.

FavList



To access to FavList, you can firstly enter the sub-interface of All Channels (See previous description). After that, press • (yellow) again. Besides, you can also press **FAV** button directly while watching TV. In this interface, you can:

- Press ◀ or ▶ button to change Favourite-Group sorted by tags you mark before.
- Press ▲ or ▼ button to change the selected item.
- Press **OK** button to preview a selected program.
- Press (green) button (Info), you can see detailed information of selected channel.
- Press **MENU** button, you can exit from FavList and return to previous interface.





Find

In the Interface of All Channels:

- Press• (blue) button to call a keyboard to quickly find programs.
- Press ◀, ▶, ▲ or ▼ button to change a selected button.
- Press **OK** button to choose the button in keyboard.
- Press (blue) button again to save result and return to All Channels Interface.

After that, program(s) which matches the conditions will be listed. If you want to return to all-channels list, just press **MENU** button.

6. Program Guide (EPG)

Your STB support the Electronic Program Guide (EPG) to help you navigate programs through all the positive viewing points. The EPG provides you vivid information, such as program starting time, ending time and description in current and future program (this service is depend on local operator).



Besides, EPG Interface also offers you more practical functions.

Functions	Description
Time	Change time more efficiently

Single EPG	weekly EPG for single channels
Book	Book a program within a period of time
Option	Choose a certain group channels

Time

Prog Name: ADVENTURES ON GRIZZLY Prog Time: 13:00-14:35 Rating:Unclassified Prog Introduction: Two kid must work together to prot the horses they love from overhere: such to the more		
Mon 05-11	13:21 13:51 14:	21 14:51
0021 FOX Movies Pre	UNDERWORLD: RISE OIDE	S OF MARCH, TH
0022 Fox Fam Movies	ADVENTURES ON GRIZZLY	BUDDY
0023 Star Gold	United We Stand	The A Med
0025 Celestial Classic	Women The Tigress	Of Shaolin
😑 Time 💿 Single EPG (Book Option	
/ •		

In EPG Interface, you can press ◄ or ► to change time.

You can also change time more efficiently. Now Press • (red) button (Time), you can change

time in different ways as follows

1: Back.

- 2: Back to current time.
- 3-4: Forward or backward 30mins.
- 5-6: Forward or backward 120mins.
- 7-8: Forward or backward 1 day.

After that, press OK to make it effective.

Single EPG



Access

If you press • (green) button (Single EPG) in EPG Interface, you can enter a sub-EPG Interface, named Single EPG. Here you can see weekly EPG for single channels.

Area change

You can press • (red) button to change type of channel list and press • (green) button (Area) to change focused area from channel list to time list.

Book & Prerecord

While focusing on time list, you can book or prerecord any period of time listed here.

Timer-Overview

You can press **OK** button to go to Timer Overview Interface. This part will be introduced later.

Book



While watching, you can book any period of program in EPG if supported. Press \blacktriangle or \checkmark to choose channel and press \triangleleft or \triangleright to choose period you want to book, and selected period square will become *blue*. After you book, the square will then become *red*.

HINT: If two periods are overlapped, last operation will replace others.

Option



In EPG Interface, if you press • (blue) button (Option), you can choose a certain group channels that separated by tags. For example, you can choose a tag-group "Movie", therefore all channels marked with it will be listed here.

7. Timer Overview

			No.	Date	Channel	Event
Service Type	₹ (TV		01	02-20/09:16	CCTV OPERA	NO EVENT
Channel	1 CCTV 4		202	02-21/00:29	CCTV 4	NO EVENT
Start Date	2014.02.20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	03	02-21/00:39	CCTV 4	NO EVENT
Start Time	00:39		04	02-21/01:18	CCTV NEWS	NO EVENT
Repeat	Onse					
Туре	View					
Add channel timer						

After you enter Single EPG Interface, you can press **OK** button to cancel or rebook an event.

Besides, you can press • (red) button (Add channel timer) to switch a sub-interface to add a timer(s). You can choose Service Type, Channel, Start Date, Start/End time. Repeat Frequency and Type (View/Record).

Specially, you can use numeric button 0~9 to type Start/End Time!

After that, press • (red) button and save this timer.

8. Time-shift

Review Missed Scenes

You can press **REW** button and press **PLAY** button where you want to start watching. You can pause, review and fast forward within the program only when there is a time gap between current watching point and live program point.

Pause live program

If you have inserted an USB memory disk and turn **OFF** the Timeshift function, you can press **PAUSE**|| button to activate Time-Shifted-Record. You can press **PAUSE**|| button again to watch live program.

HINT: If you press *PAUSE* button *WITHOUT* an USB memory disk, STB will stop both audio and video. *Press PAUSE* button again, you can cancel this status and program will continue playing.

This function is always ON, you can turn OFF it in Main Menu -> PVR -> Timeshift Setting.

9. PVR



On screen, if you press **REC** button, STB will begin to record the program. Record time will display on the bottom of screen. During recording a program, you can press **OK** or $\blacktriangle \forall$ button to play the channel you want to watch at the same time.

While recording, you can press **STOP** button to stop it. You can press **PAUSE** button to pause record and press it again to continue.

If you want to watch the records, just press **PLAY** button to check the record list.

10. USB



On the screen, you can press **APPL** button to access to PVR Interface, where you can handle affairs associated with USB Memory disk. Detailed introductions are in next chapter.

11. Subtitle/Teletext



When the current broadcasting program provides subtitle or teletext, press the **SUB/TXT** button

on Remote Control Unit to show the current subtitle / teletext List.

Main Menu

Press MENU button while watching program, you can access to Main Menu Interface. Here you

can choose more functions to control your STB.

Here are some information for you to fast index all functions.

Functions	Description
Installation	Search channels in different ways
Channels	Manage your channels
PVR	Manage your record, audio or video files
Settings	Change some Settings of your STB
Extra	Extra functions such as CA or Games

1. Installation

Installation function provides three ways to install: Easy Installation, Manual Installation and Blind Scan.

Easy Installation: Since we have helped you to preset some usual satellites and TPs, you can install in just a few steps. Besides, you can add more satellites and install them.

Manual Installation: Although we have preset some satellites and TPs, you can also set more by yourself.

Blind Scan: If you don't know the TPs, you can use it.

More information has been listed in previous chapter Channel Search.

2. Channels

Here you can manage your services in following ways: Organize Sevices, Organize Favourites,

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Receiver Viewer and Delete all Data.

Organize Services

No.	Channel Name	Lock Skip Delete	No.	Channel Name	
0001 🧃	C Option	n F	0001	CCTV 4	
0002	Colored All		0002	CCTV NEWS	
0003	Select All	A REAL PROPERTY AND A REAL	0003	CCTV OPERA	
0004			0004	BEIJING	
0005	Select Other	the second s	0005	SHANGHAI	
0006	JIANGSU		0006	JIANGSU	
0007	HUNAN	And the second	0007	HUNAN	
0008	FUJIAN	A DESCRIPTION OF THE REAL PROPERTY OF	0008	FUJIAN	
0009	XTAMEN	and the second s	0009	XIAMEN	
0010	GUANGDONG	and the second	0010	GUANGDONG	
			0011		
		e Option FDIT Select			G Optic

In Organize Services, you can still use multiple-selection by press **OK** button.

Besides, you can also press 🗧 (green) Option button to select all/unselect all/Select Other.

Here you can edit any channel in different ways:

Functions	Description
Lock	Lock Channel only or TP
Skip	Hide channel(s) in channel lists
Delete	Delete channel(s)

Move	Change the order of channel lists
Rename	Rename a channel

HINT:

- 1. Preset channels can only be locked!
- 2. Press the same button again can cancel lock, skip or delete.

Organize Favourites

(See previous chapter: All Channels)

Receiver Viewer

Channel Name S	kart	End	Time Viewer
CCTV NEWS 2	0140220 00:43	20140220 00:44	00:00:14
CCTV 4 2	0140220 00:28	20140220 00:43	00:15:47
CCTV 4 2	0140220 00:27	20140220 00:28	00:00:10
CCTV NEWS 2	0140220 00:16	20140220 00:27	00:11:56
CCTV NEWS 2	0140220 00:15	20140220 00:16	00:00:29
CCTV 4 2	0140219 23:57	20140220 00:15	00:18:08
CCTV 4 2	0140219 23:57	20140219 23:57	00:00:17
CCTV NEWS 2	0140219 23:44	20140219 23:57	00:13:07
CCTV NEWS 2	0140219 23:43	20140219 23:44	00:00:20
	0140219 23:38	20140219 23:43	00:05:29
	0140219 23:37	20140219 23:38	00:00:27
BEIGING 2		20140219 23:37	

Channel Name	Start	End	Time Viewed
CCTV NEWS	20140220 00:43	20140220 00:44	00:00:14
CCTV 4	20140220 00:28	20140220 00:43	00:15:47
ссту 4			0:00:10
CCTV NEW	formation		0:11:56
CCTV NEW			0:00:29
CCTV 4	Export to USB succ	essfully	0:16:08
CCTV 4			3:00:17
CCTV NEW			0:13:07
CCTV NEW		if	0:00:20
CCTV 4			00:05:29
	20140219 23:37	20140219 23:36	00:00:27
BELIING		20140219 23:37	01:26:57

In Receiver Viewer, STB lists all logs of receiving channels including Channel Name, Start-Time, End-Time and Time-Viewed.

Besides, if you have insert an USB memory disk, you can press
 (blue) Export Data button
 to Export the log data into this device.

Delete All Data

Here you can delete all user's data. If you want to delete, press OK button.

Export / Import Data Base



You can export your STB's program database for backup or another STB. Before press OK button, make sure that a USB Memory Disk has inserted into STB. You can import program data using a USB Memory Disk which includes the database file.

3. PVR

In PVR, you can handle affairs associated with USB Memory Disk. After you insert an USB memory disk into STB, you can record programs, use time-shift, listen to music, watch pictures and watch video.

Here are some information for you to fast index all functions.

Playback: If you have recorded some programs, the recorded data will be listed here.

MP3: You can listen to the music stored in USB memory disk.

Picture: You can watch images stored in USB memory disk.

Media Play: You can watch Videos stored in USB memory disk.

Timeshift Setting: You can switch auto-record.

Playback



In Playback, you can press **OK** button to play selected record. If you press **OK** button again or press **PLAY** button, the video will play Full-Screen.

Press (red) Disk button, you can access to the information of USB MEMORY DISK.
Press (green) Info button will show the detailed information of record you selected.
Press (yellow) Delete button will delete the record you've selected.

MP3

HighSong.mp3 📴 IessThan-0.5M.mp3 📴	High5ong.mp3 🔄 lessThen-0.5M.mp3 🔛	
SongTaste: SongTaste: thisisaveryi wrongMP3, - Total Size: 7.44468	SongTaste1.mp3	
Free Size: 5 430GB		

In MP3, you can listen to the music stored in your USB memory disk.

You can press ◀ or ► to return/open a directory. Also, you can press **OK** button to open a directory instead.

You can press **OK** button or ▶ button when you choose a music to play.

Press VOL Up/Down button can adjust the sound level.

Press 🗧 (red) Disk button, you can access to the information of USB MEMORY DISK.

Picture



In Picture, you can watch the images stored in your USB memory disk.

You can press ◀ or ► to return/open a directory. Also, you can press **OK** button to open a directory instead.

You can press **OK** button or ▶ button when you choose an image to display full-screen.

Press – (red) Disk button, you can access to the information of USB MEMORY DISK.

Press 🔵 (green) Pic Info button, you can access to the information of the image you selected

Press 🧧 (yellow) Preview button, you can preview the image.

Media Play



In Media Play, you can watch videos stored in your USB memory disk.

You can press ◀ or ► to return/open a directory. Also, you can press **OK** button to open a directory instead.

You can press **OK** button when you choose a video to display full-screen.

Press 🗧 (red) Disk button, you can gain the information of USB MEMORY DISK.

Press • (green) Pic Info button, you can access to the information of the video you selected

Timeshift Setting



Timeshift Always is "No" by default. While the switch is "Yes", you can press FF or REW button

to activate Timeshift function without press PAUSEII button (need USB Memory disk).

4. Settings

	System Settings 20.02.2014 01:52		Language 20.02.2014 01:52
Language		Menu Language	English 🔊
Parental Control	Concerned and Concerned and Concerned	Audio Language 0	English
		Audio Language 1	English
Time Setting		Audio Language 2	English
Video Setting		Audio Priority	Dolby
video setting		EPG Language	Portuguese
OSD Setting	1 Ubraine Claim UH chief argan "Instantiation and" in violence	Subtitle Display	Start Manually
		Show Subtitle	My Language
Factory Reset		Subtitle Language	English
/▲ ▼ Chang	e Item MEND Back Core Select	/ ▲ ▼ Change 3	Item Select

In Settings, you can set several items of STB, such as Language, Parental Control, Time, Video,

OSD and Factory Reset.

Language: You can choose Menu Language, Audio Language, EPG and Subtitle Language of STB

Perental Control See everything Allow Time Control No Allow Time Control Current Peesword Current Peesword Control Con	Parental Lock	🗶 No) 🖻
Allow Time Control No Allow Time Control Contr	Parental Control	See everyt	hing
Allow Trine	Allow Time Control	No	
Current Password New Password Confirm Password			
	Current Password		

Parental Control: You can switch Parental Lock, Set Age and set Control Time. Besides, you

can change Parental Password. Tip: The PIN set at the factory is 0000

GMT Control	۲ (OFF	
GMT Offset		GMT-3.0	
Local Date(YYYYMMDD)			
Local Time(HHMM55)			
Summer Time		OFF	
Wake UP		OFF	
Sleep		OFF	

Time Setting: You can set GMT and some other options. If GMT Control is OFF, you can set

local date and time . You can also set wakeup or sleep time of STB.

				Menu Transparancy	
Screen Ration	ج (16:9		Show on Display	Chappel No.
Aspect Ration		Auto		Bapper Display Time	5 Sec
Resolution		1080		Chappel Show Mode	Chappel No.
TV System		NTSC		Pecall	5
			State of the local division of the local div	And a strength of the strength	
			Contractory of the local division of the loc		

Video Setting: You can change some options like screen ration, aspect ratio, resolution and TV

system(N/P).

OSD Setting: You can change options for STB display.



Factory Reset: You can reset the STB. You should be careful since all data will change to default.

5. Extra

In Extra, you can enjoy extended functions. You can check the CA Status and System of your

STB, check your email, play games and check Calendar.



CA Status

There are three items in the CA Status menu, including Smart Card Status, SoftCell Service Status and

Loader Status.

CA Status 20.02.2014 02:40		Smart Card Status	20.02.2014 11:22
DVB Client (Single decode) 3.17.0 Konka HW27			
Smart Card Status			
	Status:	D00-04 Card In	
SoftCell Service Status		4009610049(6)	
Loader Status		0605	
		5.0	
		83	
		0008	
		0002	
A V Change Item Com Select MIND Back		MEND Back	

Smart Card Status

Enter this menu and it shows the information of the Smart Card.



SoftCell Service Status

Enter this menu and it shows the list of the DVB Client Services.

Press 1 / J button to choose one service description of the current list and then press

OK button to check the detail of the service selected.

		20.02.2014	
Irdeto Load Status			
Device:	117,27,117		
Key:	65535,0,3		
CSSN:	2689648986		
Manufaturer Load Sta			
Firmware version:	KHDS862-Z-I		
Loader version:			
Serial#:	ldc12345678		
/	MENTE Bade		

Loader Status

Enter this menu and it shows the information of Irdeto Load Status and Manufacturer Load Status.

Email

There is the **Email** list in this menu.

- Press ↑ / ↓ button to choose one E-mail of the current list.
- Press OK button to check the content of the Email selected.

- Press the RED button to delete the Email selected.
- Press the RED button again to cancel the **Del** operation of the Email selected.
- Press the GREEN button to delete all Emails in the list.

System Information

Enter this menu and it shows the software version, hardware information, last update date

of your STB on the screen.

	System Information	20.02.2014 02:42
/	MENTO Back	

Games

There are four entertaining games on your STB, containing Snake, Five Chess, Box Man.

In NES Emulator, you can download some NES Games (filenames with ".nes") from internet and store it in your USB Memory Disk. STB can read NES Games in it.





Calendar

You can press \uparrow/\downarrow button to change the year , and press \leftarrow , \rightarrow button to change the month.

			Feb.201	4		
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						01
02	03	04	05	06		08
09	10					
				20		

TROUBLESHOOTING

Problem	Possible Cause	What to do	
		(1) Connect one end of the AV leads in the	
		AV output at the back of the decoder and the	
How to connect a decoder		other end to the AV input on the television	
to the TV		(2) Connect the satellite cable from the wall	
		in the LNB In input of the decoder	
		(3) Plug in the power cable	
		(1) Decoder settings have to be entered and	
No TV channel displaying		tuned	
on the screen		(2) Manual search	
		(3) Antenna set up	
	Either the decoder is off or	Check that all leads and cables are	
Blue screen with no sound	you are on the wrong tv	connected properly	
	channel		
		(1) Check if the mute button is pressed	
	(1) Program is muted	(2) Increase the volume from the remote to	
No sound only picture	(2) AV cable is loose	the maximum	
No sound, only picture	(3) Some problem with local	(3) Check if the other local channels have	
	channel	sound	
		(4) Check the AV Leads	
Sound coming and no	It has gone on to the radio	Press the TV button on your remote and the	

picture	mode	service will start working	
		Reboot the decoder by turning off the black	
The STB gets stuck		button at the back of the decoder for 90sec	
		and turning it back on	
	(1) The bettering in your	See if you are able to change channel from	
	(1) The batteries in your remote control need replacing	the decoder	
Not able to change		-If yes, then change the remote batteries and	
channels		it should work	
	(2) The STB gets stuck	-If no, reboot the decoder	
		Check the cable from the wall plate to the	
		LNB In input of the decoder.	
No signal		If u have a pot plant set up check if the two	
		cable are connected in the door way	

Technical Specifications

MAIN SYSTEM RESOURCE		AV OUTPUT		
CPU/Decoder	MSD5043	Video output mode	CVBS、HDMI	
CPU Speed	880 MHz	Video output format	4 :3, 16 : 9 Letter box Pan scan	
Flash Memory	8M Bytes	Video Resolution	480i/480p/576i/576p/720p /1080i/1080p	
SDRAM	128M Bytes DDRAM	HDMI	HDMI 1.3	
CONDITIONAL ACCESS INTERFACE			PAL_BDGHI / PAL_N / PAL_ NC /	
		TV System	PAL_M / NTSC_J / NTSC / NTSC443/	
			SECAM	
PCMCIA	-	FRONT PANEL		
Smart Card	One Smart card reader for embedded		201/11-	
Reader	CAS	If Receiver	JONNZ	
CHANNEL DECODING		7 Control Buttons	CH+/ CH_/ Power/Left/Right/ok/menu	
Damadulation	40/20/04/400/250.0004	4 digit 7 Segment		
Demodulation	16/32 /64 /128 /256 QAM	Display	CH Number Display	
Symbol rate 3.6-6.952MS/s		REAR PANEL		
DEMULTIPLEXER		IF Input	F-type, connector	
Standard	ISO/IEC 13818-1	Loop Through Output	F-type, connector	
Input Max. Bit	400 Mbrs			
Stream Rate	ו 20 אוסא		ͻκυΑ(υνβο+leπ+Kight)	
VIDEO		HDMI	HDMI 1.3	

DECODING				
	MPEG-2: MP@ML,MP@HL	USB	USB2.0	
Oten dend	MPEG-4: ASP@L5 w/o QMC, GMC	RCU		
Standard	H.264/AVC: HP@L4.0, MP@L4.0,	Category	IR (Carrier 38KHz)	
	3.2 VC-1: AP@L3, AP@L2	Battery	2 x 1.5V	
Aspect Ratio	4:3; 16:9	POWER SUPPLY		
Video Recolution	480i/480p/576i/576p/720p	Input Voltage	AC 100 -240 Vac. 50 HZ/60HZ	
VIDEO RESOLUTION	/1080i/1080P			
AUDIO		Power consumption	Max 2014	
DECODING				
Standard	MPEG-1 and -2, layer 1 and 2	AMBIENT		
Standard	MPEG-4 HE-AAC V1L1, L2, V2 L2/L4	Operating Temperature	+5 ℃ - +50℃	
Sampling Rate	32, 44.1 & 48 KHz	Storage Temperature	-40°C - +65°C	
Audio Modo	Single Channel /Dual Channel/Joint	Physical Dimension		
	Stereo / Stereo	Size (W×D×H):	240×180×42mm	

